# SKF Power Transmission belts



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# Foreword



A well designed belt drive will transmit power for many years with a minimum of maintenance. Although they have been around for a long time, belts are still a very efficient and cost-effective method for transmitting power from one component to another.

The evolution of belts has been remarkable. New materials, designs and manufacturing methods have increased working load limits and extended belt life.

SKF offers a complete assortment of both standard and high performance belts that can be implemented in many different applications.

The most common V and timing belts are part of this manual. The power ratings listed here are the same as those used in our software programs. However, there will be small differences in the results because the software will interpolate values if speeds or diameters fall between those listed in the tables. As a result, SKF recommends using the belt selection program available for download at www.skfptp.com.

## About the data in this catalogue

The data in this catalogue relates to SKF's state-of-the-art technology as of the beginning of 2011. The data may differ from that shown in earlier catalogues because of revised methods of calculation, redesign or technological developments.

SKF reserves the right to make continuing improvements to SKF products with respect to materials, design and manufacturing methods, as well as changes necessitated by technological developments.

## Other Power Transmission catalogues

Product information is also available via the SKF Power Transmission products website at www.skfptp.com. The website does not only provide product information, but also online calculation tools, drawings, and search and selection functions.

The main printed SKF Power Transmission catalogues are:

- SKF Transmission chain catalogue
- SKF Couplings catalogue
- SKF FX Keyless Bushings catalogue
- SKF Xtra Power Belts catalogue

For more information about SKF Power Transmission products, contact your local SKF representative or SKF Authorized Distributor.

# SKF – the knowledge engineering company





From one simple but inspired solution to a misalignment problem in a textile mill in Sweden, and fifteen employees in 1907, SKF has grown to become a global industrial knowledge leader. Over the years, we have built on our expertise in bearings, extending it to seals, mechatronics, services and lubrication systems. Our knowledge network includes 46 000 employees, 15 000 distributor partners, offices in more than 130 countries, and a growing number of SKF Solution Factory sites around the world.

**Research and development**

We have hands-on experience in over forty industries based on our employees' knowledge of real life conditions. In addition, our world-leading experts and university partners pioneer advanced theoretical research and development in areas including tribology, condition monitoring, asset management and bearing life theory. Our ongoing commitment to research and development helps us keep our customers at the forefront of their industries.

**Meeting the toughest challenges**

Our network of knowledge and experience, along with our understanding of how our core technologies can be combined, helps us create innovative solutions that meet the toughest of challenges. We work closely with our customers throughout the asset life cycle, helping them to profitably and responsibly grow their businesses.

**Working for a sustainable future**

Since 2005, SKF has worked to reduce the negative environmental impact from our operations and those of our suppliers. Our continuing technology development resulted in the introduction of the SKF BeyondZero portfolio of products and services which improve efficiency and reduce energy losses, as well as enable new technologies harnessing wind, solar and ocean power. This combined approach helps reduce the environmental impact both in our operations and our customers' operations.

*SKF Solution Factory makes SKF knowledge and manufacturing expertise available locally to provide unique solutions and services to our customers.*

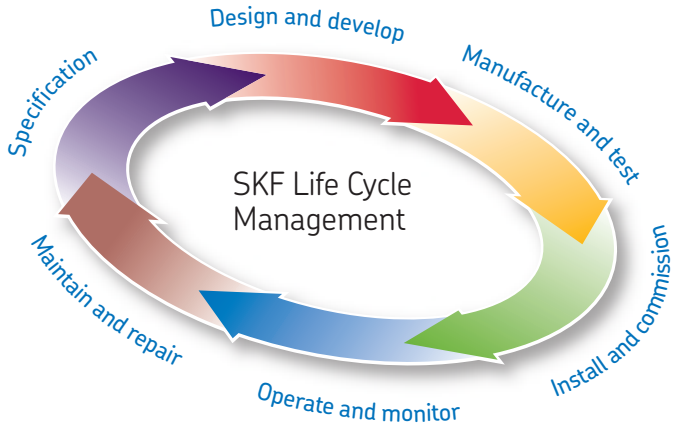



*Working with SKF IT and logistics systems and application experts, SKF Authorized Distributors deliver a valuable mix of product and application knowledge to customers worldwide.*



# Our knowledge – your success

***SKF Life Cycle Management is how we combine our technology platforms and advanced services, and apply them at each stage of the asset life cycle, to help our customers to be more successful, sustainable and profitable.***




### Working closely with you

Our objective is to help our customers improve productivity, minimize maintenance, achieve higher energy and resource efficiency, and optimize designs for long service life and reliability.

### Innovative solutions

Whether the application is linear or rotary or a combination, SKF engineers can work with you at each stage of the asset life cycle to improve machine performance by looking at the entire application. This approach doesn't just focus on individual components like bearings or seals. It looks at the whole application to see how each component interacts with each other.

### Design optimization and verification

SKF can work with you to optimize current or new designs with proprietary 3-D modelling software that can also be used as a virtual test rig to confirm the integrity of the design.



***Bearings***
*SKF is the world leader in the design, development and manufacture of high performance rolling bearings, plain bearings, bearing units and housings.*



***Machinery maintenance***
*Condition monitoring technologies and maintenance services from SKF can help minimize unplanned downtime, improve operational efficiency and reduce maintenance costs.*



***Sealing solutions***
*SKF offers standard seals and custom engineered sealing solutions to increase uptime, improve machine reliability, reduce friction and power losses, and extend lubricant life.*



***Mechatronics***
*SKF fly-by-wire systems for aircraft and drive-by-wire systems for off-road, agricultural and forklift applications replace heavy, grease or oil consuming mechanical and hydraulic systems.*



***Lubrication solutions***
*From specialized lubricants to state-of-the-art lubrication systems and lubrication management services, lubrication solutions from SKF can help to reduce lubrication related downtime and lubricant consumption.*



***Actuation and motion control***
*With a wide assortment of products – from actuators and ball screws to profile rail guides – SKF can work with you to solve your most pressing linear system challenges.*


PHG SPZ1337
PHG SPZ1337

# 1 V-belts



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# SKF Wrapped Wedge and Narrow Wedge Belts

## Construction details

**Cushion rubber**
Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

**Tension members**
The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

**Rubber cushion**
The rubber cushion is a fibre loaded giving good transverse belt rigidity.

**Wrapping fabric**
Heavy duty industrial fabric.

## Features:

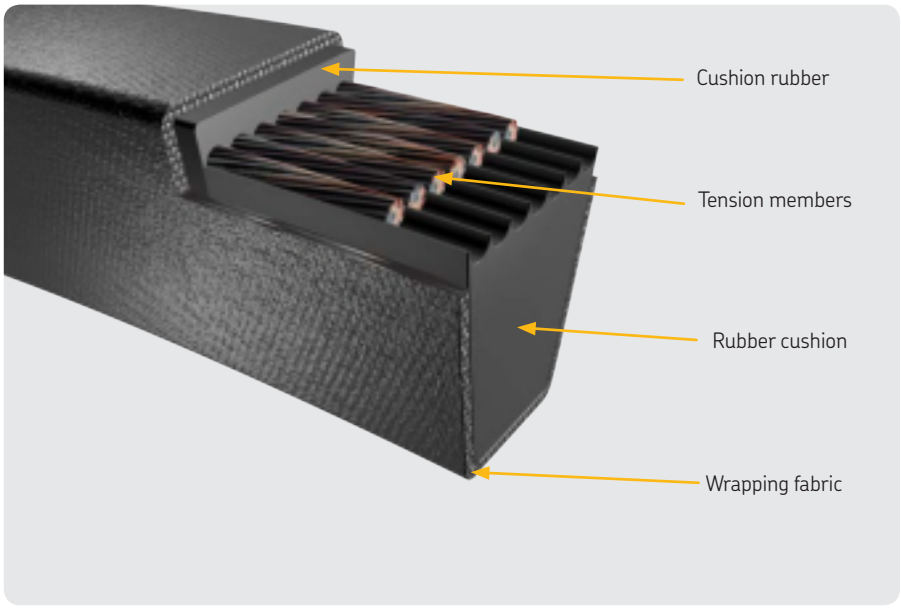
- High transverse rigidity minimizes heat generation
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from –35 to +65 °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Wrapped and Narrow Wedge Belts have been designed to accommodate all industrial applications and some agricultural machines.

## Standards

ISO 4184




**SKF Wrapped and Narrow Wedge Belts**

| Section | Width | Height |
|---|---|---|
| – | mm | |
| **SPZ** | 9,7 | 8 |
| **SPA** | 12,7 | 10 |
| **SPB** | 16,3 | 13 |
| **SPC** | 22 | 18 |
| **3V** | 9 | 8 |
| **5V** | 15 | 13 |
| **8V** | 25 | 23 |



*SKF Wrapped Wedge Belts used in the mining industry*

# SKF Xtra Power Narrow Wedge Belts

## Construction details

**Cushion rubber**
Cushion rubber provides good adhesion between the rubber cushion and cords.

**Tension members**
The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

**Tension member wrapping**
A fibre filled compound encases the tension members thus enabling the belts to accomodate higher dynamic loads without compromising flexibility.

**Rubber cushion**
The rubber cushion is fibre loaded giving good transverse belt rigidity.

**Wrapping fabric**
Heavy duty industrial fabric.

## Features:

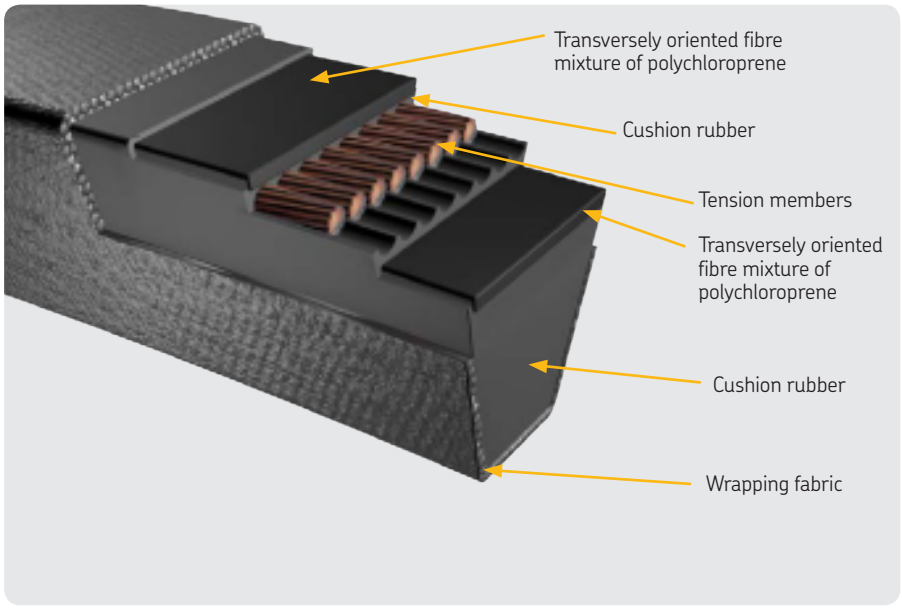
- High transverse rigidity minimizes heat generation
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from –35 to +65 °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Xtra Power Wrapped Wedge and SKF Narrow Wedge Belts have been designed to deliver up to 40% more power than standard wrapped belts. They are suitable for all kinds of industrial applications and some agricultural machines.

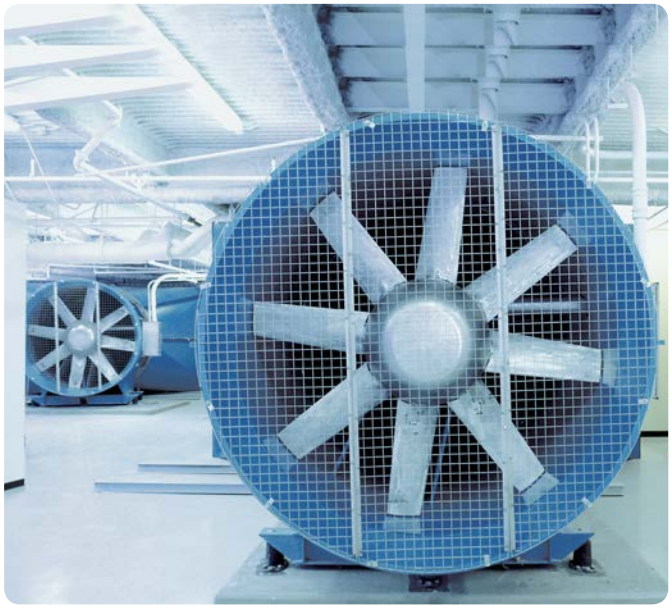
## Standards

ISO 4184




**SKF Xtra Power Wedge and SKF Cogged Raw Edge Narrow Wedge Belts**

| Section | Width | Height |
|---|---|---|
| – | mm | |
| **SPZ-XP** | 9,7 | 8 |
| **SPA-XP** | 12,7 | 10 |
| **SPB-XP** | 16,3 | 13 |
| **SPC-XP** | 22 | 18 |
| **3V-XP** | 9 | 8 |
| **5V-XP** | 15 | 13 |
| **8V-XP** | 25 | 23 |



*SKF Xtra Power Belts used in fan applications*

# SKF Wrapped Classical Belts

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Rubber cushion

The rubber cushion is fibre loaded giving good transverse belt rigidity.

### Wrapping fabric

Heavy duty industrial fabric.

## Features:

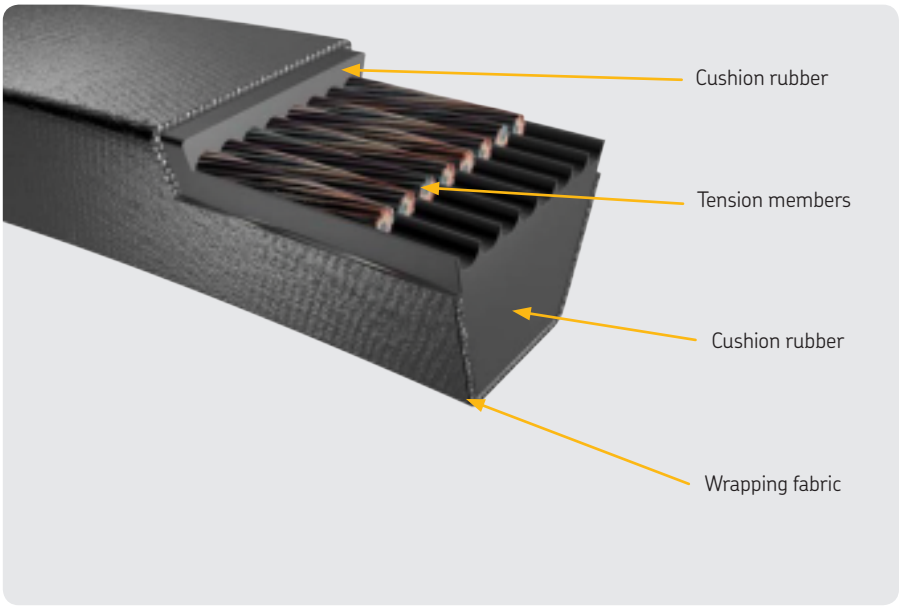
- High flexibility
- Chloroprene rubberized wrapping fabric resists abrasion
- Moderately oil-resistant
- Temperature range from –35 to +65 °C
- Belts are anti-static per ISO 1813
- Constant length per ISO matching set tolerances

## Applications

SKF Wrapped Classical Belts have been developed to handle the majority of industrial applications and some agricultural machines. They can run on ISO wedge as well as on classical V-belt pulleys. Suitable for V-flat drives (flying wheel applications).

## Standards

ISO 4184




**SKF Wrapped Classical Belts**

| Section | Width | Height |
|---|---|---|
| – | mm | |
| Z | 10 | 6 |
| A | 13 | 8 |
| B | 17 | 11 |
| C | 22 | 14 |
| D | 32 | 20 |
| E | 38 | 23 |



*SKF Wrapped Classical Belts used in the HPI, Oil and gas industry*

## Construction details

### Cushion rubber

Cushion rubber provides good adhesion between the tension members (cords) and the rubber cushion.

### Tension members

The tension cords are made from polyester yarn. Pre-loading the cords during their rubber impregnation process results in low stretch during operation.

### Rubber cushion

The rubber cushion is fibre loaded chloroprene compound giving good transverse belt rigidity.

### Backside fabric

Heavy duty industrial fabric.

## Features:

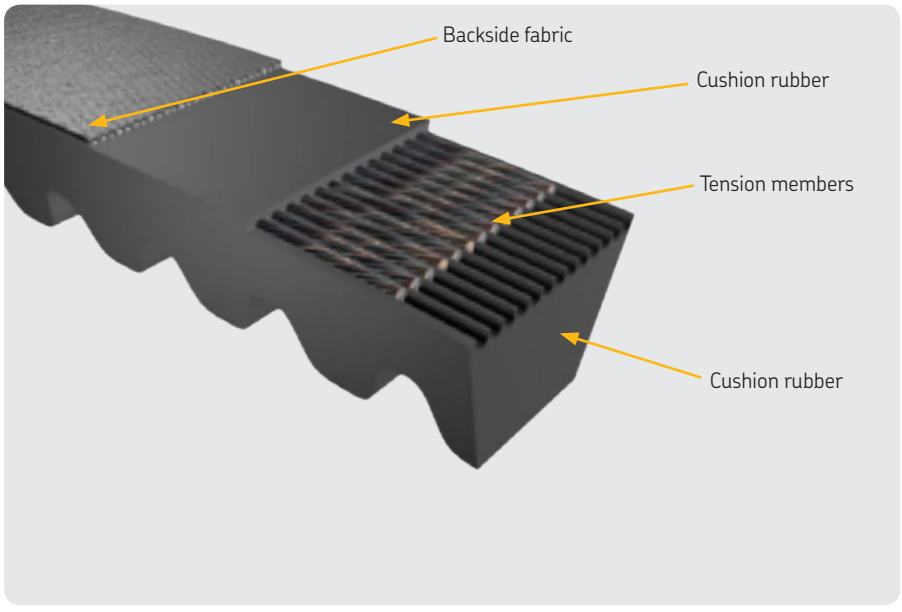
- High transverse rigidity
- High flexibility
- Temperature range from –30 to +75 °C
- Constant length per ISO matching set tolerances.
- Suitable for tropical climates
- Lengths available up to 3 500 mm

## Applications

SKF Cogged Raw Edge Wedge and SKF Cogged Raw Edge Narrow Wedge Belts have been developed to handle all industrial applications.

## Standards

ISO 4184




**SKF Cogged Raw Edge Wedge and SKF Cogged Raw Edge Narrow Wedge Belts**

| Section | Width | Height |
|---|---|---|
| – | mm | |
| **XPZ** | 9,7 | 8 |
| **XPA** | 12,7 | 10 |
| **XPB** | 16,3 | 13 |
| **XPC** | 22 | 18 |
| **3VX** | 9 | 8 |
| **5VX** | 15 | 13 |



*SKF Cogged Raw Edge Wedge Belts in the metal industry*

# SKF Cogged Raw Edge Classical Belts

## Construction details

### Cushion rubber

Cushion rubber assures good adhesion between cushion and cord.

### Tension members

The tension members (cords) are made from polyester yarns. Pre-tension of cord during impregnation process gives low stretch of the belt on application.

### Rubber cushion

Rubber cushion is fibre loaded chloroprene compound giving good transverse belt stiffness.

### Backside fabric

Heavy duty industrial fabric.

## Features:

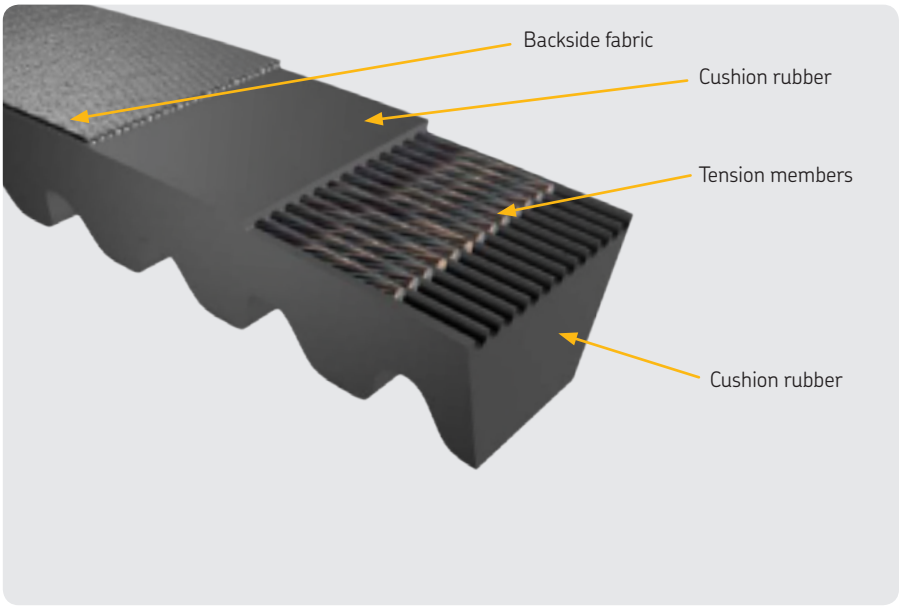
- Very high flexibility
- Temperature range from –30 to +75 °C
- Constant length per ISO matching set tolerances.
- Suitable for tropical climates
- Lengths available up to 3 500 mm

## Applications

SKF Cogged Raw Edge Classical Belts have been developed to handle the majority of industrial applications running on ISO wedge as well as on classical V-belt pulleys.

## Standards

ISO 4184




**SKF Cogged Raw Edge Classical Belts**

| Section | Width | Height |
|---|---|---|
| – | mm | |
| ZX | 10 | 6 |
| AX | 13 | 8 |
| BX | 17 | 11 |
| CX | 22 | 14 |



*SKF Cogged Raw Edge Classical Belts in the energy industry*

# Industrial V and wedge belts

SKF belts allow for overall length tolerances according to ISO 4184.

### Manufacturing tolerances of V-belts

| Nominal length (L) | | Permissible deviation for sections Y, Z, A, B, C, D, E | | SPZ, SPA, SPB, SPC, 3V, 5V, 8V, SPZ-XP, SPA-XP, SPB-XP, SPC-XP, 3V-XP, 5V-XP, 8V-XP |
|---|---|---|---|---|
| over | incl. | + | – | |
| mm | | mm | | mm |
| – | 250 | +8 | –4 | |
| 250 | 315 | +9 | –4 | |
| 315 | 400 | +10 | –5 | |
| 400 | 500 | +11 | –6 | |
| 500 | 630 | +13 | –6 | ±6 |
| 630 | 800 | +15 | –7 | ±8 |
| 800 | 1 000 | +17 | –8 | ±10 |
| 1 000 | 1 250 | +19 | –10 | ±13 |
| 1 250 | 1 600 | +23 | –11 | ±16 |
| 1 600 | 2 000 | +27 | –13 | ±20 |
| 2 000 | 2 500 | +31 | –16 | ±25 |
| 2 500 | 3 150 | +37 | –18 | ±32 |
| 3 150 | 4 000 | +44 | –22 | ±40 |
| 4 000 | 5 000 | +52 | –26 | ±50 |
| 5 000 | 6 300 | +63 | –32 | ±63 |
| 6 300 | 8 000 | +77 | –38 | ±80 |
| 8 000 | 10 000 | +93 | –46 | ±100 |
| 10 000 | 12 500 | +112 | –56 | ±125 |
| 12 500 | 16 000 | +140 | –70 | |
| 16 000 | 20 000 | +170 | –85 | |

However, within particular sizes, belts meet matching set tolerances, which make them set free.

### Belt matching tolerances

| Nominal length (L) | Maximum difference between the lengths of belts of the same set for sections Y, Z, A, B, C, D, E | SPZ, SPA, SPB, SPC, 3V, 5V, 8V, SPZ-XP, SPA-XP, SPB-XP, SPC-XP, 3V-XP, 5V-XP, 8V-XP |
|---|---|---|
| mm | mm | mm |
| L ≤ 1 250 | 2 | 2 |
| 1 250 < L ≤ 2 000 | 4 | 2 |
| 2 000 < L ≤ 3 150 | 8 | 4 |
| 3 150 < L ≤ 5 000 | 12 | 6 |
| 5 000 < L ≤ 8 000 | 20 | 10 |
| 8 000 < L ≤ 12 500 | 32 | 16 |
| 12 500 < L ≤ 20 000 | 48 | – |

# Selection guide for SKF V-belts

## Selection procedure and formulae

Example:
**Driver:** 45 kW electric motor, 1 440 r/min, direct online start.
**Driven:** Fan, 550 r/min
**Service:** 24 hours/day
Approximate distance between centres = 900 mm
**Tensioning method:** SKF pen tester

**1 Service factor ($C_2$)**
Service factors describe the severity of drive conditions. Refer to **tables 2** and **3** on **page 16**.

Example: Medium duty class, heavy start

$C_2 = 1,4$

For speed increasing drives, use correction factors in **table 1** on **page 16**.

**2 Design power ($P_d$)**
Multiply drive power and service factor $C_2$ to get the design power.

$$P_d = P_r\, C_2$$

where
$P_d$ = design power [kW]
$P_r$ = motor rated power or power absorbed by the load [kW]
$C_2$ = service factor

Example:
$P_d = 45 \times 1,4 = 63$ kW

**3 Belt cross section**
Refer to **diagrams 1**, **2**, **3** on **pages 17** and **18** for the appropriate belt cross section based on speed and design power.

Example: Selected section SPB

**4 Required speed ratio ($I_r$)**
Divide speed of faster shaft with speed of slower shaft to get the required pulley speed ratio.

$$I_r = \frac{\text{r/min (faster shaft)}}{\text{r/min (slower shaft)}}$$

Example:

$$I_r = \frac{1\,440}{550} = 2,62$$

**5 A. If selected cross section is SPA/SPA-XP/XPA, SPB/SPB-XP/XPB, SPC/SPC-XP/XPC, 5V/5V-XP/5VX or 8V/8V-XP**
Choose the corresponding centre distance based on the required speed ratio by referring to **tables 4a** to **4p** on **pages 20** to **35** to get:

| | |
|---|---|
| Belt datum length | ($L_d$) |
| Centre distance | (CC) |
| Datum diameter of pulleys | (d, D) |

Example: Centre distance table for section SPB is available on **pages 23**, **24** and **25**.

Speed ratio: 2,62
Belt datum length: 2 990 mm
Centre distance: 941 mm
D = 500 mm
d = 190 mm

Continue with **step 10**.

**5 B. If another type of V-belt is selected, where centre distance tables are not available**
Continue with **step 6**.

**6 Pulley datum diameters (d, D)**
Try to use standard pulley diameters.

– Refer to **table 5a** or **6a** on **pages 36** to **39** to get the recommended diameter for small pulleys (d)

– Refer to speed ratio **table 5b** or **6a** on **pages 36** to **39** to get the diameter for large pulleys (D)

**7 Centre distance preliminary (CCp)**
Determine preliminary centre distance between pulleys.

Recommended: CCp min: 0,7 (D + d)
CCp max: 2 (D + d)

where
D = large pulley diameter
d = small pulley diameter

**8 Belt datum length ($L_d$)**
Calculate the belt length based on preliminary centre distance.

$$L_d = 2\,CCp + 1,57\,(D + d) + \frac{(D - d)^2}{4\,CCp}$$

where
$L_d$ = belt datum length [mm]
CCp = preliminary centre distance [mm]
D = large pulley diameter [mm]
d = small pulley diameter [mm]

Choose the closest available belt length from belt **tables** on **pages 81** to **99**.

**9 Centre distance (CC)**
Calculate actual centre distance based on selected belt length $L_d$.

$$CC = \frac{a + \sqrt{a^2 - 8\,(D - d)^2}}{8}$$

where
$a = 2\,L_d - \pi\,(D - d)$
$L_d$ = selected belt datum length [mm]
D = large pulley diameter [mm]
d = small pulley diameter [mm]

**10 Belt basic power rating ($P_b$)**
Refer to power rating tables for selected belt type on **pages 41** to **62** to get the power rating values. The total belt basic power rating consists of basic power rating + power rating based on speed ratio.

Example: $P_b$ = 11,9 + 0,72 = 12,62 kW

**11 Correction factors ($C_1$, $C_3$)**
Refer to **table 8** for belt length correction factor $C_1$ and **table 7** for arc of contact correction factor $C_3$.

Example: Belt length correction factor
$C_1$ = 0,97 (interpolated)
Arc of contact correction factor
$C_3$ = 0,96

**12 Belt power rating ($P_r$)**
Multiply belt basic power rating with $C_1$ and $C_3$ to get the actual belt power rating.

$$P_r = P_b C_3 C_1$$

Example:
$P_r$ = 12,62 × 0,97 × 0,96 = 11,75 kW

**13 Number of belts (N)**
Divide drive power (design power) by power rating of selected belt to get the required number of belts.

$$N = \frac{P_d}{P_r}$$

Round up to first integer.

Example:

$$N = \frac{63}{11,75} = 5,4$$

6 SPB 2990 belts are needed

**14 Installation and take-up allowances**
Installation allowance **MIA** is **minimum** distance needed to decrease the CC distance in order to be able to install the belt. Take-up allowance **MTA** is minimum distance needed to increase the CC distance in order to tension the belt. Refer to **tables 10a** and **10b** on **page 63** to get the values.

Example:
MIA = 25 mm
MTA = 45 mm
$C_{c\,min}$ = 941 – 25 = 916 mm
$C_{c\,max}$ = 941 + 45 = 986 mm

**15 Belt tension**
Refer to **tables 11** to **18** on **pages 64** to **71** to get the recommended tension values for selected belts or follow instruction in the tensioning section to calculate tension specifically for a drive.

Example:
d = 190 mm
speed = 1 440 r/min
Belt section SPB
Tensioning method: SKF pen tester
Deflection force for a used run-in belt
= 5,5 kg
Deflection force for a new belt = 8,2 kg

# Service factors

**Table 1**

**Speed increase ratio**

| For speed increasing drives of |
|---|
| Speed ratio 1,00–1,24 multiply service factor by 1,00 |
| Speed ratio 1,25–1,74 multiply service factor by 1,05 |
| Speed ratio 1,75–2,49 multiply service factor by 1,11 |
| Speed ratio 2,50–3,49 multiply service factor by 1,18 |
| Speed ratio 3,50 and over multiply service factor by 1,25 |

**Table 2**

**Types of prime mover**

| **Soft starts** Electric motors: | **Heavy starts** Electric motors: |
|---|---|
| AC – Star delta start | AC – Direct-on-line start |
| DC – Shunt wound | DC – Series and compound wound |
| Internal combustion engines with 4 or more cylinders | Internal combustion engines with less than 4 cylinders. |
| Prime movers fitted with centrifugal clutches, dry or fluid couplings or electronic soft start devices | Prime movers not fitted with soft start devices |

**Table 3**

| **Types of driven machinery** | | **Soft starts** Duty time h/day | | | **Heavy starts** Duty time h/day | | |
|---|---|---|---|---|---|---|---|
| | | 10 and under | Over 10 to 16 | Over 16 | 10 and under | Over 10 to 16 | Over 16 |
| Class 1 Light duty | Blowers, exhausters and fans (up to 7,5 kW), centrifugal compressors and pumps. Belt conveyors (uniformly loaded). | 1,0 | 1,1 | 1,2 | 1,1 | 1,2 | 1,3 |
| Class 2 Medium duty | Agitators (uniform density), blowers, exhausters and fans (over 7,5 kW). Rotary compressors and pumps (other than centrifugal). Belt conveyors (not uniformly loaded), generators and excitors, laundry machinery, lineshafts, machine tools, printing machinery, sawmill and woodworking machinery, screens (rotary). | 1,1 | 1,2 | 1,3 | 1,2 | 1,3 | 1,4 |
| Class 3 Heavy duty | Agitators and mixers (variable density), brick machinery, bucket elevators, compressors and pumps (reciprocating), conveyors (heavy duty). Hoists, mills (hammer), pulverisers, punches, presses, shears, quarry plant, rubber machinery, screens (vibrating), textile machinery. | 1,2 | 1,3 | 1,4 | 1,4 | 1,5 | 1,6 |
| Class 4 Extra heavy duty | Crushers (gyratory-jaw roll), mills (ball-rod-tube). | 1,3 | 1,4 | 1,5 | 1,5 | 1,6 | 1,8 |

# Belt cross section

**Diagram 1**

**Classical belts**

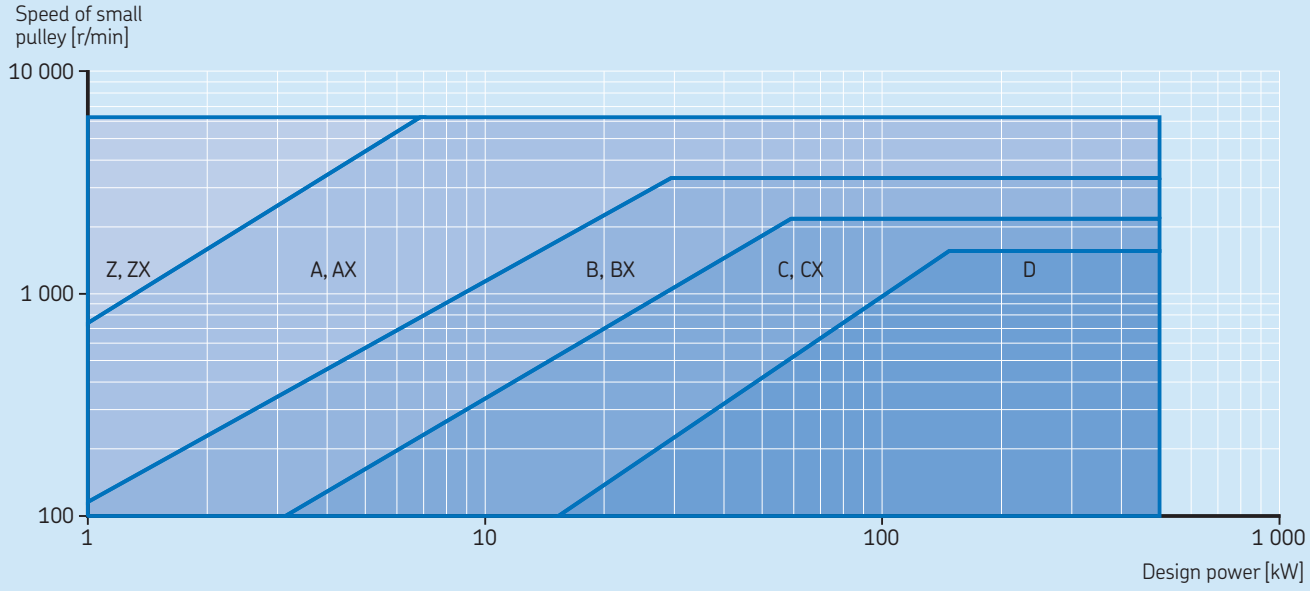



**Diagram 2**

**Wedge belts**

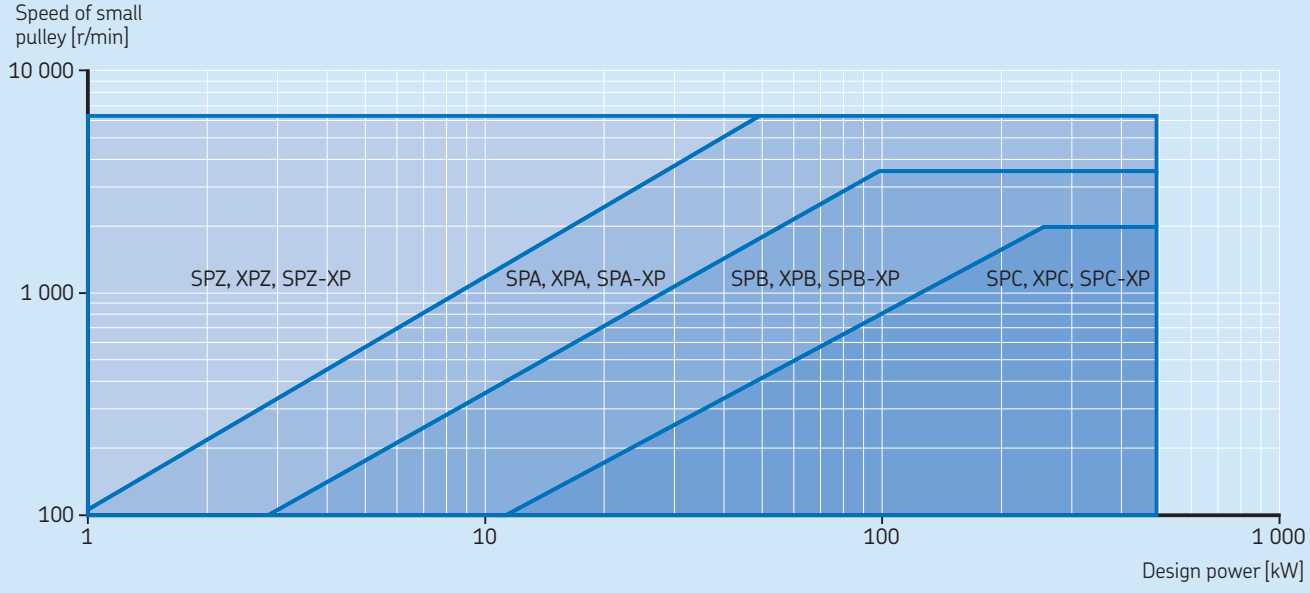
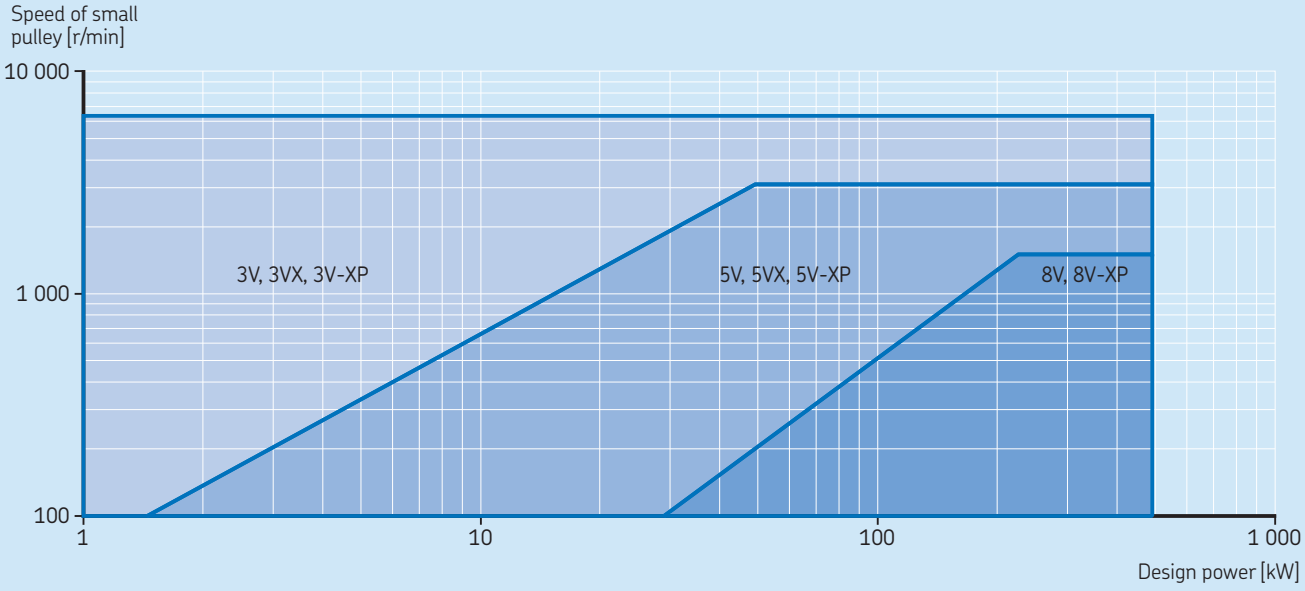


Diagram 3

**Narrow wedge belts**



# Centre distances
## Section SPA/SPA-XP/XPA

**Table 4a**

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 800 | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **1,00** | *80 | *80 | 274 | 324 | 374 | 434 | 499 | 574 | 974 | – | – | – | – | – | – | – | – | – |
| **1,00** | *85 | *85 | 266 | 316 | 366 | 426 | 491 | 566 | 666 | – | – | – | – | – | – | – | – | – |
| **1,00** | 90 | 90 | 259 | 309 | 359 | 419 | 484 | 559 | 659 | 759 | 859 | 979 | 1 109 | 1 259 | 1 434 | 1 634 | 1 859 | 2 109 |
| **1,00** | 95 | 95 | 251 | 301 | 351 | 411 | 476 | 551 | 651 | 751 | 851 | 971 | 1 101 | 1 251 | 1 426 | 1 626 | 1 851 | 2 101 |
| **1,00** | 100 | 100 | 243 | 293 | 343 | 403 | 468 | 543 | 643 | 743 | 843 | 963 | 1 093 | 1 243 | 1 418 | 1 618 | 1 843 | 2 093 |
| **1,00** | 106 | 106 | 233 | 283 | 333 | 393 | 458 | 533 | 633 | 733 | 833 | 953 | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| **1,00** | 112 | 112 | 224 | 274 | 324 | 384 | 449 | 524 | 624 | 724 | 824 | 944 | 1 074 | 1 224 | 1 399 | 1 599 | 1 824 | 2 074 |
| **1,00** | 118 | 118 | 215 | 265 | 315 | 375 | 440 | 515 | 615 | 715 | 815 | 935 | 1 065 | 1 215 | 1 390 | 1 590 | 1 815 | 2 065 |
| **1,00** | 125 | 125 | 204 | 254 | 304 | 364 | 429 | 504 | 604 | 704 | 804 | 924 | 1 054 | 1 204 | 1 379 | 1 579 | 1 804 | 2 054 |
| **1,00** | 132 | 132 | 193 | 243 | 293 | 353 | 418 | 493 | 593 | 693 | 793 | 913 | 1 043 | 1 193 | 1 368 | 1 568 | 1 793 | 2 043 |
| **1,00** | 140 | 140 | 180 | 230 | 280 | 340 | 405 | 480 | 580 | 680 | 780 | 900 | 1 030 | 1 180 | 1 355 | 1 555 | 1 780 | 2 030 |
| **1,00** | 150 | 150 | – | 214 | 264 | 324 | 389 | 464 | 564 | 664 | 764 | 884 | 1 014 | 1 164 | 1 339 | 1 539 | 1 764 | 2 014 |
| **1,00** | 160 | 160 | – | 199 | 249 | 309 | 374 | 449 | 549 | 649 | 749 | 869 | 999 | 1 149 | 1 324 | 1 524 | 1 749 | 1 999 |
| **1,00** | 180 | 180 | – | – | 217 | 277 | 342 | 417 | 517 | 617 | 717 | 837 | 967 | 1 117 | 1 292 | 1 492 | 1 717 | 1 967 |
| **1,00** | 200 | 200 | – | – | – | 246 | 311 | 386 | 486 | 586 | 686 | 806 | 936 | 1 086 | 1 261 | 1 461 | 1 686 | 1 936 |
| **1,05** | 95 | 100 | 247 | 297 | 347 | 407 | 472 | 547 | 647 | 747 | 847 | 967 | 1 097 | 1 247 | 1 422 | 1 622 | 1 847 | 2 097 |
| **1,05** | 112 | 118 | 219 | 269 | 319 | 379 | 444 | 519 | 619 | 719 | 819 | 939 | 1 069 | 1 219 | 1 394 | 1 594 | 1 819 | 2 069 |
| **1,06** | 90 | 95 | 255 | 305 | 355 | 415 | 480 | 555 | 655 | 755 | 855 | 975 | 1 105 | 1 255 | 1 430 | 1 630 | 1 855 | 2 105 |
| **1,06** | 125 | 132 | 198 | 248 | 298 | 358 | 423 | 498 | 598 | 698 | 798 | 918 | 1 048 | 1 198 | 1 373 | 1 573 | 1 798 | 2 048 |
| **1,06** | 106 | 112 | 229 | 279 | 329 | 389 | 454 | 529 | 629 | 729 | 829 | 949 | 1 079 | 1 229 | 1 404 | 1 604 | 1 829 | 2 079 |
| **1,06** | *85 | 90 | 263 | 313 | 363 | 423 | 488 | 563 | 663 | – | – | – | – | – | – | – | – | – |
| **1,06** | 118 | 125 | 209 | 259 | 309 | 369 | 434 | 509 | 609 | 709 | 809 | 929 | 1 059 | 1 209 | 1 384 | 1 584 | 1 809 | 2 059 |
| **1,06** | 100 | 106 | 238 | 288 | 338 | 398 | 463 | 538 | 638 | 738 | 838 | 958 | 1 088 | 1 238 | 1 413 | 1 613 | 1 838 | 2 088 |
| **1,06** | 132 | 140 | 186 | 236 | 286 | 346 | 411 | 486 | 586 | 686 | 786 | 906 | 1 036 | 1 186 | 1 361 | 1 561 | 1 786 | 2 036 |
| **1,06** | *80 | *85 | 270 | 320 | 370 | 430 | 495 | 570 | 670 | – | – | – | – | – | – | – | – | – |
| **1,07** | 150 | 160 | – | 206 | 256 | 316 | 381 | 456 | 557 | 657 | 757 | 877 | 1 007 | 1 157 | 1 332 | 1 532 | 1 757 | 2 007 |
| **1,07** | 140 | 150 | 172 | 222 | 272 | 332 | 397 | 472 | 572 | 672 | 772 | 882 | 1 022 | 1 172 | 1 347 | 1 547 | 1 772 | 2 022 |
| **1,11** | 90 | 100 | 251 | 301 | 351 | 411 | 476 | 551 | 651 | 751 | 851 | 971 | 1 101 | 1 251 | 1 426 | 1 626 | 1 851 | 2 101 |
| **1,11** | 180 | 200 | – | – | – | 261 | 326 | 401 | 501 | 601 | 701 | 821 | 951 | 1 102 | 1 277 | 1 477 | 1 702 | 1 952 |
| **1,11** | 106 | 118 | 224 | 274 | 324 | 384 | 449 | 524 | 624 | 724 | 824 | 944 | 1 074 | 1 224 | 1 399 | 1 599 | 1 824 | 2 074 |
| **1,12** | 95 | 106 | 242 | 292 | 342 | 402 | 467 | 542 | 642 | 742 | 842 | 962 | 1 092 | 1 242 | 1 417 | 1 617 | 1 842 | 2 092 |
| **1,12** | 112 | 125 | 214 | 264 | 314 | 374 | 439 | 514 | 614 | 714 | 814 | 934 | 1 064 | 1 214 | 1 389 | 1 589 | 1 814 | 2 064 |
| **1,12** | *85 | 95 | 259 | 309 | 359 | 419 | 484 | 559 | 659 | – | – | – | – | – | – | – | – | – |
| **1,12** | 118 | 132 | 204 | 254 | 304 | 364 | 429 | 504 | 604 | 704 | 804 | 924 | 1 054 | 1 204 | 1 379 | 1 579 | 1 804 | 2 054 |
| **1,12** | 100 | 112 | 233 | 283 | 333 | 393 | 458 | 533 | 633 | 733 | 833 | 953 | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| **1,12** | 125 | 140 | 192 | 242 | 292 | 352 | 417 | 492 | 592 | 692 | 792 | 912 | 1 042 | 1 192 | 1 367 | 1 567 | 1 792 | 2 042 |
| **1,12** | 200 | 224 | – | – | – | – | 292 | 367 | 467 | 567 | 667 | 787 | 917 | 1 067 | 1 242 | 1 442 | 1 667 | 1 917 |
| **1,13** | *80 | 90 | 266 | 316 | 366 | 426 | 491 | 566 | 666 | – | – | – | – | – | – | – | – | – |
| **1,13** | 160 | 180 | – | – | 233 | 293 | 358 | 433 | 533 | 633 | 733 | 853 | 983 | 1 133 | 1 308 | 1 508 | 1 733 | 1 983 |
| **1,14** | 132 | 150 | 178 | 228 | 278 | 338 | 403 | 478 | 578 | 678 | 778 | 898 | 1 028 | 1 178 | 1 353 | 1 553 | 1 778 | 2 028 |
| **1,14** | 140 | 160 | – | 214 | 264 | 324 | 389 | 464 | 564 | 664 | 764 | 884 | 1 014 | 1 164 | 1 339 | 1 539 | 1 764 | 2 014 |
| **1,18** | *85 | 100 | 255 | 305 | 355 | 415 | 480 | 555 | 655 | – | – | – | – | – | – | – | – | – |
| **1,18** | 90 | 106 | 246 | 296 | 346 | 406 | 471 | 546 | 646 | 746 | 846 | 966 | 1 096 | 1 246 | 1 421 | 1 621 | 1 846 | 2 096 |
| **1,18** | 112 | 132 | 208 | 258 | 308 | 368 | 433 | 508 | 608 | 708 | 808 | 928 | 1 058 | 1 208 | 1 383 | 1 583 | 1 808 | 2 058 |
| **1,18** | 95 | 112 | 237 | 287 | 337 | 397 | 462 | 537 | 637 | 737 | 837 | 957 | 1 087 | 1 237 | 1 412 | 1 612 | 1 837 | 2 087 |
| **1,18** | 106 | 125 | 218 | 268 | 318 | 378 | 443 | 518 | 618 | 719 | 819 | 939 | 1 069 | 1 219 | 1 394 | 1 594 | 1 819 | 2 069 |
| **1,18** | 100 | 118 | 229 | 279 | 329 | 389 | 454 | 529 | 629 | 729 | 829 | 949 | 1 079 | 1 229 | 1 404 | 1 604 | 1 829 | 2 079 |
| **1,19** | 118 | 140 | 197 | 247 | 297 | 357 | 422 | 497 | 597 | 697 | 797 | 917 | 1 047 | 1 197 | 1 372 | 1 572 | 1 797 | 2 047 |
| **1,19** | *80 | 95 | 262 | 312 | 362 | 422 | 487 | 563 | 663 | – | – | – | – | – | – | – | – | – |
| **1,20** | 125 | 150 | 184 | 234 | 284 | 344 | 409 | 484 | 584 | 684 | 784 | 904 | 1 034 | 1 184 | 1 359 | 1 559 | 1 784 | 2 034 |
| **1,20** | 150 | 180 | – | 190 | 240 | 300 | 366 | 441 | 541 | 641 | 741 | 861 | 991 | 1 141 | 1 316 | 1 516 | 1 741 | 1 991 |
| **1,21** | 132 | 160 | 170 | 220 | 270 | 330 | 395 | 470 | 570 | 671 | 771 | 891 | 1 021 | 1 171 | 1 346 | 1 546 | 1 771 | 2 021 |
| **1,24** | 95 | 118 | 232 | 282 | 333 | 393 | 458 | 533 | 633 | 733 | 833 | 953 | 1 083 | 1 233 | 1 408 | 1 608 | 1 833 | 2 083 |
| **1,24** | 90 | 112 | 241 | 291 | 341 | 401 | 466 | 541 | 641 | 741 | 841 | 961 | 1 091 | 1 241 | 1 416 | 1 616 | 1 841 | 2 091 |
| **1,24** | 180 | 224 | – | – | – | 242 | 307 | 382 | 482 | 582 | 682 | 802 | 932 | 1 082 | 1 258 | 1 458 | 1 683 | 1 933 |
| **1,25** | 106 | 132 | 213 | 263 | 313 | 373 | 438 | 513 | 613 | 713 | 813 | 933 | 1 063 | 1 213 | 1 388 | 1 588 | 1 813 | 2 063 |
| **1,25** | *85 | 106 | 250 | 300 | 350 | 410 | 475 | 550 | 650 | – | – | – | – | – | – | – | – | – |
| **1,25** | *80 | 100 | 258 | 308 | 358 | 419 | 484 | 559 | 659 | – | – | – | – | – | – | – | – | – |
| **1,25** | 100 | 125 | 223 | 273 | 323 | 383 | 448 | 523 | 623 | 723 | 823 | 943 | 1 073 | 1 223 | 1 398 | 1 598 | 1 823 | 2 073 |
| **1,25** | 112 | 140 | 202 | 252 | 302 | 362 | 427 | 502 | 602 | 702 | 802 | 922 | 1 052 | 1 202 | 1 377 | 1 577 | 1 802 | 2 052 |
| **1,25** | 160 | 200 | – | – | 216 | 277 | 342 | 417 | 517 | 617 | 717 | 837 | 967 | 1 117 | 1 292 | 1 492 | 1 717 | 1 967 |
| **1,25** | 200 | 250 | – | – | – | – | 270 | 346 | 446 | 546 | 646 | 766 | 896 | 1 046 | 1 221 | 1 421 | 1 646 | 1 896 |
| **1,27** | 118 | 150 | 189 | 239 | 289 | 349 | 414 | 489 | 589 | 689 | 789 | 909 | 1 039 | 1 189 | 1 364 | 1 564 | 1 789 | 2 039 |
| **1,28** | 125 | 160 | 175 | 225 | 276 | 336 | 401 | 476 | 576 | 676 | 776 | 896 | 1 026 | 1 176 | 1 351 | 1 551 | 1 776 | 2 026 |
| **1,29** | 140 | 180 | – | 198 | 248 | 308 | 373 | 448 | 548 | 648 | 748 | 868 | 998 | 1 148 | 1 324 | 1 524 | 1 749 | 1 999 |
| **1,31** | 90 | 118 | 236 | 286 | 336 | 396 | 461 | 536 | 636 | 737 | 837 | 957 | 1 087 | 1 237 | 1 412 | 1 612 | 1 837 | 2 087 |
| **1,32** | 95 | 125 | 227 | 277 | 327 | 387 | 452 | 527 | 627 | 727 | 827 | 947 | 1 077 | 1 227 | 1 402 | 1 602 | 1 827 | 2 077 |
| **1,32** | *85 | 112 | 245 | 295 | 345 | 405 | 470 | 545 | 645 | – | – | – | – | – | – | – | – | – |
| **1,32** | 100 | 132 | 217 | 267 | 317 | 377 | 442 | 518 | 618 | 718 | 818 | 938 | 1 068 | 1 218 | 1 393 | 1 593 | 1 818 | 2 068 |
| **1,32** | 106 | 140 | 206 | 256 | 306 | 366 | 431 | 507 | 607 | 707 | 807 | 927 | 1 057 | 1 207 | 1 382 | 1 582 | 1 807 | 2 057 |
| **1,32** | *80 | 106 | 254 | 304 | 354 | 414 | 479 | 554 | 654 | – | – | – | – | – | – | – | – | – |
| **1,33** | 150 | 200 | – | – | 224 | 284 | 349 | 424 | 525 | 625 | 725 | 845 | 975 | 1 125 | 1 300 | 1 500 | 1 725 | 1 975 |
| **1,34** | 112 | 150 | 193 | 243 | 294 | 354 | 419 | 494 | 594 | 694 | 794 | 914 | 1 044 | 1 194 | 1 369 | 1 569 | 1 794 | 2 044 |
| **1,36** | 118 | 160 | 180 | 231 | 281 | 341 | 406 | 481 | 581 | 681 | 781 | 901 | 1 031 | 1 181 | 1 356 | 1 557 | 1 782 | 2 032 |
| **1,36** | 132 | 180 | – | 204 | 254 | 314 | 379 | 454 | 554 | 655 | 755 | 875 | 1 005 | 1 155 | 1 330 | 1 530 | 1 755 | 2 005 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.
*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section SPA/SPA-XP/XPA

**Table 4b**

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 800 | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **1,39** | *85 | 118 | 240 | 290 | 340 | 400 | 465 | 540 | 640 | – | – | – | – | – | – | – | – | – |
| **1,39** | 90 | 125 | 230 | 281 | 331 | 391 | 456 | 531 | 631 | 731 | 831 | 951 | 1 081 | 1 231 | 1 406 | 1 606 | 1 831 | 2 081 |
| **1,39** | 180 | 250 | – | – | – | – | 285 | 361 | 461 | 561 | 661 | 781 | 912 | 1 062 | 1 237 | 1 437 | 1 662 | 1 912 |
| **1,39** | 95 | 132 | 221 | 271 | 321 | 381 | 446 | 521 | 621 | 721 | 822 | 942 | 1 072 | 1 222 | 1 397 | 1 597 | 1 822 | 2 072 |
| **1,40** | *80 | 112 | 249 | 299 | 349 | 409 | 474 | 549 | 649 | – | – | – | – | – | – | – | – | – |
| **1,40** | 100 | 140 | 211 | 261 | 311 | 371 | 436 | 511 | 611 | 711 | 811 | 931 | 1 061 | 1 211 | 1 386 | 1 586 | 1 811 | 2 061 |
| **1,40** | 160 | 224 | – | – | – | 256 | 322 | 397 | 497 | 598 | 698 | 818 | 948 | 1 098 | 1 273 | 1 473 | 1 698 | 1 948 |
| **1,40** | 200 | 280 | – | – | – | – | – | 321 | 421 | 521 | 622 | 742 | 872 | 1 022 | 1 197 | 1 397 | 1 623 | 1 873 |
| **1,42** | 106 | 150 | 198 | 248 | 298 | 358 | 423 | 498 | 599 | 699 | 799 | 919 | 1 049 | 1 199 | 1 374 | 1 574 | 1 799 | 2 049 |
| **1,43** | 112 | 160 | 185 | 235 | 285 | 346 | 411 | 486 | 586 | 686 | 786 | 906 | 1 036 | 1 186 | 1 361 | 1 561 | 1 786 | 2 036 |
| **1,43** | 140 | 200 | – | – | 231 | 291 | 357 | 432 | 532 | 632 | 732 | 852 | 983 | 1 133 | 1 308 | 1 508 | 1 733 | 1 983 |
| **1,44** | 125 | 180 | – | 209 | 259 | 319 | 384 | 460 | 560 | 660 | 760 | 880 | 1 010 | 1 160 | 1 335 | 1 535 | 1 760 | 2 010 |
| **1,47** | 90 | 132 | 225 | 275 | 325 | 385 | 450 | 525 | 625 | 725 | 825 | 945 | 1 075 | 1 225 | 1 400 | 1 601 | 1 826 | 2 076 |
| **1,47** | *85 | 125 | 234 | 284 | 334 | 395 | 460 | 535 | 635 | – | – | – | – | – | – | – | – | – |
| **1,47** | 95 | 140 | 214 | 264 | 315 | 375 | 440 | 515 | 615 | 715 | 815 | 935 | 1 065 | 1 215 | 1 390 | 1 590 | 1 815 | 2 065 |
| **1,47** | *80 | 118 | 244 | 294 | 344 | 404 | 469 | 544 | 644 | – | – | – | – | – | – | – | – | – |
| **1,49** | 150 | 224 | – | – | – | 264 | 329 | 405 | 505 | 605 | 705 | 825 | 956 | 1 106 | 1 281 | 1 481 | 1 706 | 1 956 |
| **1,50** | 100 | 150 | 202 | 252 | 303 | 363 | 428 | 503 | 603 | 703 | 803 | 923 | 1 053 | 1 203 | 1 378 | 1 578 | 1 803 | 2 053 |
| **1,51** | 106 | 160 | 189 | 240 | 290 | 350 | 415 | 490 | 590 | 691 | 791 | 911 | 1 041 | 1 191 | 1 366 | 1 566 | 1 791 | 2 041 |
| **1,52** | 132 | 200 | – | 186 | 237 | 297 | 363 | 438 | 538 | 638 | 738 | 859 | 989 | 1 139 | 1 314 | 1 514 | 1 739 | 1 989 |
| **1,53** | 118 | 180 | – | 214 | 264 | 324 | 390 | 465 | 565 | 665 | 765 | 885 | 1 015 | 1 166 | 1 341 | 1 541 | 1 766 | 2 016 |
| **1,55** | *85 | 132 | 228 | 279 | 329 | 389 | 454 | 529 | 629 | – | – | – | – | – | – | – | – | – |
| **1,56** | 90 | 140 | 218 | 268 | 318 | 379 | 444 | 519 | 619 | 719 | 819 | 939 | 1 069 | 1 219 | 1 394 | 1 594 | 1 819 | 2 069 |
| **1,56** | 180 | 280 | – | – | – | – | 259 | 335 | 436 | 536 | 637 | 757 | 887 | 1 038 | 1 213 | 1 413 | 1 638 | 1 888 |
| **1,56** | *80 | 125 | 238 | 288 | 338 | 398 | 463 | 539 | 639 | – | – | – | – | – | – | – | – | – |
| **1,56** | 160 | 250 | – | – | – | 234 | 300 | 375 | 476 | 576 | 676 | 797 | 927 | 1 077 | 1 252 | 1 452 | 1 677 | 1 927 |
| **1,57** | 200 | 315 | – | – | – | – | – | 290 | 391 | 492 | 593 | 713 | 844 | 994 | 1 169 | 1 369 | 1 594 | 1 845 |
| **1,58** | 95 | 150 | 206 | 256 | 306 | 367 | 432 | 507 | 607 | 707 | 807 | 927 | 1 057 | 1 207 | 1 382 | 1 582 | 1 807 | 2 057 |
| **1,60** | 100 | 160 | 193 | 244 | 294 | 355 | 420 | 495 | 595 | 695 | 795 | 915 | 1 045 | 1 195 | 1 370 | 1 571 | 1 796 | 2 046 |
| **1,60** | 125 | 200 | – | 191 | 242 | 302 | 368 | 443 | 543 | 644 | 744 | 864 | 994 | 1 144 | 1 319 | 1 519 | 1 744 | 1 994 |
| **1,60** | 140 | 224 | – | – | 210 | 271 | 336 | 412 | 512 | 613 | 713 | 833 | 963 | 1 113 | 1 288 | 1 489 | 1 714 | 1 964 |
| **1,61** | 112 | 180 | 167 | 218 | 269 | 329 | 394 | 469 | 570 | 670 | 770 | 890 | 1 020 | 1 170 | 1 345 | 1 545 | 1 770 | 2 020 |
| **1,65** | *85 | 140 | 222 | 272 | 322 | 382 | 447 | 523 | 623 | – | – | – | – | – | – | – | – | – |
| **1,65** | *80 | 132 | 232 | 282 | 332 | 393 | 458 | 533 | 633 | – | – | – | – | – | – | – | – | – |
| **1,67** | 90 | 150 | 209 | 260 | 310 | 370 | 435 | 511 | 611 | 711 | 811 | 931 | 1 061 | 1 211 | 1 386 | 1 586 | 1 811 | 2 061 |
| **1,67** | 150 | 250 | – | – | – | 241 | 307 | 383 | 483 | 584 | 684 | 804 | 935 | 1 085 | 1 260 | 1 460 | 1 685 | 1 935 |
| **1,68** | 95 | 160 | 197 | 248 | 298 | 358 | 423 | 499 | 599 | 699 | 799 | 919 | 1 049 | 1 199 | 1 374 | 1 574 | 1 799 | 2 049 |
| **1,69** | 118 | 200 | – | 196 | 247 | 308 | 373 | 448 | 549 | 649 | 749 | 869 | 999 | 1 150 | 1 325 | 1 525 | 1 750 | 2 000 |
| **1,70** | 132 | 224 | – | – | 215 | 277 | 342 | 418 | 518 | 619 | 719 | 839 | 969 | 1 119 | 1 295 | 1 495 | 1 720 | 1 970 |
| **1,70** | 106 | 180 | 171 | 222 | 273 | 333 | 399 | 474 | 574 | 674 | 774 | 895 | 1 025 | 1 175 | 1 350 | 1 550 | 1 775 | 2 025 |
| **1,75** | *80 | 140 | 225 | 276 | 326 | 386 | 451 | 526 | 626 | – | – | – | – | – | – | – | – | – |
| **1,75** | 160 | 280 | – | – | – | – | 273 | 349 | 450 | 551 | 652 | 772 | 902 | 1 053 | 1 228 | 1 428 | 1 653 | 1 903 |
| **1,75** | 180 | 315 | – | – | – | – | – | 304 | 406 | 507 | 607 | 728 | 859 | 1 009 | 1 184 | 1 385 | 1 610 | 1 860 |
| **1,76** | *85 | 150 | 213 | 263 | 314 | 374 | 439 | 514 | 615 | – | – | – | – | – | – | – | – | – |
| **1,78** | 90 | 160 | 201 | 251 | 302 | 362 | 427 | 502 | 603 | 703 | 803 | 923 | 1 053 | 1 203 | 1 378 | 1 578 | 1 803 | 2 053 |
| **1,79** | 112 | 200 | – | 200 | 251 | 312 | 377 | 453 | 553 | 653 | 754 | 874 | 1 004 | 1 154 | 1 329 | 1 529 | 1 754 | 2 004 |
| **1,79** | 140 | 250 | – | – | – | 248 | 314 | 390 | 491 | 591 | 692 | 812 | 942 | 1 092 | 1 268 | 1 468 | 1 693 | 1 943 |
| **1,79** | 125 | 224 | – | – | 220 | 282 | 347 | 423 | 524 | 624 | 724 | 844 | 975 | 1 125 | 1 300 | 1 500 | 1 725 | 1 975 |
| **1,80** | 100 | 180 | 176 | 227 | 277 | 338 | 403 | 478 | 579 | 679 | 779 | 899 | 1 029 | 1 179 | 1 354 | 1 555 | 1 780 | 2 030 |
| **1,87** | 150 | 280 | – | – | – | – | 280 | 356 | 458 | 558 | 659 | 780 | 910 | 1 060 | 1 236 | 1 436 | 1 661 | 1 911 |
| **1,88** | *80 | 150 | 217 | 267 | 317 | 378 | 443 | 518 | 618 | – | – | – | – | – | – | – | – | – |
| **1,88** | *85 | 160 | 204 | 255 | 305 | 366 | 431 | 506 | 606 | – | – | – | – | – | – | – | – | – |
| **1,89** | 106 | 200 | – | 204 | 255 | 316 | 382 | 457 | 558 | 658 | 758 | 878 | 1 009 | 1 159 | 1 334 | 1 534 | 1 759 | 2 009 |
| **1,89** | 132 | 250 | – | – | – | 253 | 320 | 396 | 496 | 597 | 697 | 818 | 948 | 1 098 | 1 274 | 1 474 | 1 699 | 1 949 |
| **1,89** | 95 | 180 | 179 | 230 | 281 | 341 | 407 | 482 | 582 | 683 | 783 | 903 | 1 033 | 1 183 | 1 358 | 1 558 | 1 784 | 2 034 |
| **1,90** | 118 | 224 | – | – | 225 | 286 | 352 | 428 | 529 | 629 | 729 | 850 | 980 | 1 130 | 1 305 | 1 505 | 1 731 | 1 981 |
| **1,97** | 160 | 315 | – | – | – | – | – | 317 | 420 | 521 | 622 | 743 | 873 | 1 024 | 1 199 | 1 400 | 1 625 | 1 875 |
| **2,00** | *80 | 160 | 208 | 258 | 309 | 369 | 435 | 510 | 610 | – | – | – | – | – | – | – | – | – |
| **2,00** | 90 | 180 | 182 | 234 | 284 | 345 | 410 | 486 | 586 | 686 | 787 | 907 | 1 037 | 1 187 | 1 362 | 1 562 | 1 787 | 2 037 |
| **2,00** | 100 | 200 | – | 208 | 260 | 320 | 386 | 462 | 562 | 662 | 763 | 883 | 1 013 | 1 163 | 1 338 | 1 539 | 1 764 | 2 014 |
| **2,00** | 112 | 224 | – | – | 229 | 291 | 357 | 432 | 533 | 634 | 734 | 854 | 985 | 1 135 | 1 310 | 1 510 | 1 735 | 1 985 |
| **2,00** | 125 | 250 | – | – | – | 258 | 324 | 401 | 502 | 602 | 703 | 823 | 953 | 1 104 | 1 279 | 1 479 | 1 704 | 1 954 |
| **2,00** | 140 | 280 | – | – | – | – | 287 | 363 | 465 | 566 | 666 | 787 | 917 | 1 068 | 1 243 | 1 443 | 1 669 | 1 919 |
| **2,00** | 200 | 400 | – | – | – | – | – | – | – | 417 | 519 | 641 | 772 | 923 | 1 099 | 1 300 | 1 525 | 1 776 |
| **2,10** | 150 | 315 | – | – | – | – | – | 324 | 427 | 528 | 629 | 750 | 881 | 1 031 | 1 207 | 1 407 | 1 633 | 1 883 |
| **2,11** | 95 | 200 | – | 212 | 263 | 324 | 390 | 465 | 566 | 666 | 767 | 887 | 1 017 | 1 167 | 1 342 | 1 542 | 1 768 | 2 018 |
| **2,11** | 106 | 224 | – | – | 233 | 295 | 361 | 437 | 538 | 638 | 738 | 859 | 989 | 1 139 | 1 314 | 1 515 | 1 740 | 1 990 |
| **2,12** | *85 | 180 | 186 | 237 | 288 | 349 | 414 | 490 | 590 | – | – | – | – | – | – | – | – | – |
| **2,12** | 118 | 250 | – | – | – | 263 | 329 | 406 | 507 | 607 | 708 | 828 | 959 | 1 109 | 1 284 | 1 485 | 1 710 | 1 960 |
| **2,12** | 132 | 280 | – | – | – | – | 292 | 369 | 471 | 572 | 672 | 793 | 923 | 1 074 | 1 249 | 1 450 | 1 675 | 1 925 |
| **2,22** | 90 | 200 | – | 215 | 267 | 328 | 393 | 469 | 570 | 670 | 770 | 891 | 1 021 | 1 171 | 1 346 | 1 546 | 1 771 | 2 021 |
| **2,22** | 180 | 400 | – | – | – | – | – | – | 326 | 430 | 533 | 655 | 787 | 938 | 1 114 | 1 315 | 1 541 | 1 791 |
| **2,23** | 112 | 250 | – | – | 204 | 267 | 334 | 410 | 511 | 612 | 712 | 833 | 963 | 1 114 | 1 289 | 1 489 | 1 714 | 1 964 |
| **2,24** | 100 | 224 | – | 185 | 237 | 299 | 365 | 441 | 542 | 643 | 743 | 863 | 994 | 1 144 | 1 319 | 1 519 | 1 744 | 1 995 |
| **2,24** | 125 | 280 | – | – | – | 229 | 297 | 374 | 476 | 577 | 677 | 798 | 929 | 1 079 | 1 255 | 1 455 | 1 680 | 1 930 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.
*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section SPA/SPA-XP/XPA

**Table 4c**

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 800 | 900 | 1 000 | 1 120 | 1 250 | 1 400 | 1 600 | 1 800 | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **2,25** | *80 | 180 | 189 | 241 | 292 | 352 | 418 | 493 | 594 | – | – | – | – | – | – | – | – | – |
| **2,25** | 140 | 315 | – | – | – | – | 252 | 331 | 434 | 535 | 637 | 758 | 888 | 1 039 | 1 214 | 1 415 | 1 640 | 1 891 |
| **2,35** | *85 | 200 | 166 | 219 | 270 | 331 | 397 | 473 | 573 | – | – | – | – | – | – | – | – | – |
| **2,36** | 95 | 224 | – | 188 | 241 | 303 | 369 | 445 | 546 | 646 | 747 | 867 | 997 | 1 148 | 1 323 | 1 523 | 1 748 | 1 998 |
| **2,36** | 106 | 250 | – | – | 208 | 271 | 338 | 414 | 515 | 616 | 717 | 837 | 968 | 1 118 | 1 293 | 1 494 | 1 719 | 1 969 |
| **2,37** | 118 | 280 | – | – | – | 233 | 302 | 379 | 481 | 582 | 683 | 803 | 934 | 1 084 | 1 260 | 1 460 | 1 685 | 1 936 |
| **2,39** | 132 | 315 | – | – | – | – | 258 | 336 | 439 | 541 | 642 | 763 | 894 | 1 045 | 1 220 | 1 421 | 1 646 | 1 897 |
| **2,49** | 90 | 224 | – | 192 | 244 | 306 | 372 | 448 | 549 | 650 | 750 | 871 | 1 001 | 1 151 | 1 327 | 1 527 | 1 752 | 2 002 |
| **2,50** | *80 | 200 | 169 | 222 | 274 | 335 | 401 | 476 | 577 | – | – | – | – | – | – | – | – | – |
| **2,50** | 100 | 250 | – | – | 212 | 275 | 342 | 418 | 520 | 621 | 721 | 842 | 972 | 1 123 | 1 298 | 1 498 | 1 723 | 1 974 |
| **2,50** | 112 | 280 | – | – | – | 237 | 306 | 383 | 485 | 586 | 687 | 808 | 938 | 1 089 | 1 264 | 1 465 | 1 690 | 1 940 |
| **2,50** | 160 | 400 | – | – | – | – | – | – | 339 | 444 | 547 | 669 | 801 | 953 | 1 129 | 1 330 | 1 556 | 1 806 |
| **2,50** | 200 | 500 | – | – | – | – | – | – | – | – | 424 | 550 | 684 | 837 | 1 014 | 1 216 | 1 442 | 1 694 |
| **2,52** | 125 | 315 | – | – | – | – | 262 | 341 | 444 | 546 | 647 | 769 | 899 | 1 050 | 1 226 | 1 426 | 1 652 | 1 902 |
| **2,63** | 95 | 250 | – | – | 215 | 278 | 345 | 422 | 523 | 624 | 725 | 845 | 976 | 1 126 | 1 302 | 1 502 | 1 727 | 1 978 |
| **2,64** | *85 | 224 | – | 195 | 248 | 310 | 376 | 452 | 553 | – | – | – | – | – | – | – | – | – |
| **2,64** | 106 | 280 | – | – | – | 241 | 310 | 387 | 489 | 590 | 691 | 812 | 943 | 1 093 | 1 269 | 1 469 | 1 695 | 1 945 |
| **2,67** | 150 | 400 | – | – | – | – | – | – | 345 | 451 | 554 | 676 | 808 | 960 | 1 136 | 1 337 | 1 563 | 1 814 |
| **2,67** | 118 | 315 | – | – | – | – | 267 | 346 | 449 | 551 | 652 | 774 | 905 | 1 055 | 1 231 | 1 432 | 1 657 | 1 907 |
| **2,78** | 90 | 250 | – | – | 218 | 282 | 349 | 425 | 527 | 628 | 729 | 849 | 980 | 1 130 | 1 306 | 1 506 | 1 731 | 1 981 |
| **2,78** | 180 | 500 | – | – | – | – | – | – | – | – | 437 | 563 | 698 | 851 | 1 028 | 1 231 | 1 457 | 1 708 |
| **2,80** | *80 | 224 | – | 198 | 251 | 313 | 379 | 456 | 557 | – | – | – | – | – | – | – | – | – |
| **2,80** | 100 | 280 | – | – | – | 245 | 314 | 391 | 493 | 595 | 696 | 817 | 947 | 1 098 | 1 273 | 1 474 | 1 699 | 1 949 |
| **2,81** | 112 | 315 | – | – | – | – | 271 | 350 | 453 | 555 | 657 | 778 | 909 | 1 060 | 1 235 | 1 436 | 1 662 | 1 912 |
| **2,86** | 140 | 400 | – | – | – | – | – | – | 352 | 457 | 561 | 684 | 816 | 967 | 1 143 | 1 345 | 1 571 | 1 821 |
| **2,94** | *85 | 250 | – | – | 222 | 285 | 352 | 429 | 530 | – | – | – | – | – | – | – | – | – |
| **2,95** | 95 | 280 | – | – | – | 248 | 317 | 395 | 497 | 598 | 699 | 820 | 951 | 1 102 | 1 277 | 1 478 | 1 703 | 1 953 |
| **2,97** | 106 | 315 | – | – | – | – | 274 | 354 | 457 | 560 | 661 | 782 | 913 | 1 064 | 1 240 | 1 441 | 1 666 | 1 916 |
| **3,03** | 132 | 400 | – | – | – | – | – | – | 357 | 463 | 566 | 689 | 821 | 973 | 1 149 | 1 351 | 1 576 | 1 827 |
| **3,11** | 90 | 280 | – | – | – | 251 | 320 | 398 | 500 | 602 | 703 | 824 | 955 | 1 105 | 1 281 | 1 481 | 1 707 | 1 957 |
| **3,13** | *80 | 250 | – | – | 225 | 288 | 356 | 432 | 534 | – | – | – | – | – | – | – | – | – |
| **3,13** | 160 | 500 | – | – | – | – | – | – | – | – | 449 | 577 | 711 | 865 | 1 043 | 1 245 | 1 472 | 1 723 |
| **3,15** | 100 | 315 | – | – | – | – | 278 | 358 | 462 | 564 | 665 | 787 | 918 | 1 069 | 1 244 | 1 445 | 1 671 | 1 921 |
| **3,15** | 200 | 630 | – | – | – | – | – | – | – | – | – | – | 557 | 716 | 897 | 1 102 | 1 331 | 1 584 |
| **3,20** | 125 | 400 | – | – | – | – | – | – | 362 | 467 | 571 | 694 | 826 | 978 | 1 154 | 1 356 | 1 582 | 1 833 |
| **3,29** | *85 | 280 | – | – | – | 255 | 324 | 401 | 504 | – | – | – | – | – | – | – | – | – |
| **3,32** | 95 | 315 | – | – | – | – | 281 | 361 | 465 | 567 | 669 | 790 | 921 | 1 072 | 1 248 | 1 449 | 1 674 | 1 925 |
| **3,33** | 150 | 500 | – | – | – | – | – | – | – | 345 | 456 | 583 | 718 | 872 | 1 050 | 1 252 | 1 479 | 1 731 |
| **3,39** | 118 | 400 | – | – | – | – | – | – | 366 | 472 | 576 | 699 | 831 | 983 | 1 160 | 1 361 | 1 587 | 1 838 |
| **3,50** | *80 | 280 | – | – | – | 258 | 327 | 405 | 507 | – | – | – | – | – | – | – | – | – |
| **3,50** | 90 | 315 | – | – | – | – | 285 | 365 | 468 | 571 | 673 | 794 | 925 | 1 076 | 1 252 | 1 453 | 1 678 | 1 929 |
| **3,50** | 180 | 630 | – | – | – | – | – | – | – | – | – | – | 569 | 729 | 911 | 1 116 | 1 345 | 1 598 |
| **3,57** | 112 | 400 | – | – | – | – | – | – | 370 | 476 | 580 | 703 | 835 | 987 | 1 164 | 1 365 | 1 591 | 1 842 |
| **3,57** | 140 | 500 | – | – | – | – | – | – | – | 351 | 462 | 590 | 725 | 879 | 1 057 | 1 259 | 1 486 | 1 738 |
| **3,71** | *85 | 315 | – | – | – | – | 288 | 368 | 472 | – | – | – | – | – | – | – | – | – |
| **3,77** | 106 | 400 | – | – | – | – | – | – | 374 | 480 | 584 | 707 | 840 | 992 | 1 168 | 1 370 | 1 596 | 1 847 |
| **3,79** | 132 | 500 | – | – | – | – | – | – | – | 356 | 467 | 595 | 730 | 884 | 1 063 | 1 265 | 1 492 | 1 744 |
| **3,94** | *80 | 315 | – | – | – | 218 | 291 | 371 | 475 | – | – | – | – | – | – | – | – | – |
| **3,94** | 160 | 630 | – | – | – | – | – | – | – | – | – | 436 | 582 | 742 | 925 | 1 130 | 1 359 | 1 612 |
| **4,00** | 100 | 400 | – | – | – | – | – | – | 377 | 484 | 588 | 711 | 844 | 996 | 1 173 | 1 374 | 1 600 | 1 851 |
| **4,00** | 125 | 500 | – | – | – | – | – | – | – | 360 | 472 | 600 | 735 | 889 | 1 068 | 1 270 | 1 497 | 1 749 |
| **4,20** | 150 | 630 | – | – | – | – | – | – | – | – | – | 442 | 588 | 749 | 931 | 1 137 | 1 366 | 1 620 |
| **4,21** | 95 | 400 | – | – | – | – | – | 268 | 381 | 487 | 592 | 715 | 848 | 1 000 | 1 176 | 1 378 | 1 604 | 1 855 |
| **4,24** | 118 | 500 | – | – | – | – | – | – | – | 365 | 476 | 604 | 740 | 894 | 1 073 | 1 275 | 1 502 | 1 754 |
| **4,44** | 90 | 400 | – | – | – | – | – | 271 | 384 | 491 | 595 | 718 | 851 | 1 003 | 1 180 | 1 381 | 1 608 | 1 859 |
| **4,46** | 112 | 500 | – | – | – | – | – | – | – | 368 | 480 | 608 | 744 | 898 | 1 077 | 1 280 | 1 507 | 1 759 |
| **4,50** | 140 | 630 | – | – | – | – | – | – | – | – | – | 448 | 595 | 756 | 938 | 1 144 | 1 373 | 1 627 |
| **4,71** | *85 | 400 | – | – | – | – | – | 274 | 387 | – | – | – | – | – | – | – | – | – |
| **4,72** | 106 | 500 | – | – | – | – | – | – | – | 372 | 484 | 612 | 748 | 903 | 1 081 | 1 284 | 1 511 | 1 763 |
| **4,77** | 132 | 630 | – | – | – | – | – | – | – | – | – | 453 | 600 | 761 | 944 | 1 150 | 1 379 | 1 633 |
| **5,00** | *80 | 400 | – | – | – | – | – | 277 | 390 | – | – | – | – | – | – | – | – | – |
| **5,00** | 100 | 500 | – | – | – | – | – | – | – | 375 | 488 | 616 | 752 | 907 | 1 085 | 1 288 | 1 516 | 1 767 |
| **5,04** | 125 | 630 | – | – | – | – | – | – | – | – | – | 457 | 604 | 765 | 948 | 1 154 | 1 384 | 1 638 |
| **5,26** | 95 | 500 | – | – | – | – | – | – | – | 379 | 491 | 620 | 756 | 910 | 1 089 | 1 292 | 1 519 | 1 771 |
| **5,34** | 118 | 630 | – | – | – | – | – | – | – | – | – | 462 | 609 | 770 | 953 | 1 159 | 1 389 | 1 643 |
| **5,56** | 90 | 500 | – | – | – | – | – | – | – | 382 | 494 | 623 | 759 | 914 | 1 092 | 1 295 | 1 523 | 1 775 |
| **5,63** | 112 | 630 | – | – | – | – | – | – | – | – | – | 465 | 612 | 774 | 957 | 1 163 | 1 393 | 1 647 |
| **5,71** | 140 | 800 | – | – | – | – | – | – | – | – | – | – | – | 565 | 766 | 981 | 1 217 | 1 475 |
| **5,94** | 106 | 630 | – | – | – | – | – | – | – | – | – | 469 | 616 | 778 | 961 | 1 168 | 1 397 | 1 651 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.
*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section SPB/SPB-XP/XPB



Table 4d

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 1 260 | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **1,00** | 140 | 140 | – | 485 | 680 | 790 | 855 | 920 | 980 | | – | – | – | – | – | – | – | – |
| **1,00** | 150 | 150 | – | 470 | 665 | 775 | 840 | 905 | 965 | 1 260 | – | – | – | – | – | – | – | – |
| **1,00** | 160 | 160 | – | – | 649 | 759 | 824 | 889 | 949 | 1 244 | – | – | – | – | – | – | – | – |
| **1,00** | 170 | 170 | – | – | 633 | 743 | 808 | 873 | 933 | 1 228 | 1 508 | – | – | – | – | – | – | – |
| **1,00** | 180 | 180 | – | – | 617 | 727 | 792 | 857 | 917 | 1 212 | 1 492 | 1 617 | – | – | – | – | – | – |
| **1,00** | 190 | 190 | – | – | 602 | 712 | 777 | 842 | 902 | 1 197 | 1 477 | 1 602 | – | – | – | – | – | – |
| **1,00** | 200 | 200 | – | – | – | 696 | 761 | 826 | 886 | 1 181 | 1 461 | 1 586 | 1 716 | – | – | – | – | – |
| **1,00** | 212 | 212 | – | – | – | 677 | 742 | 807 | 867 | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | – | – | – | – |
| **1,00** | 224 | 224 | – | – | – | 658 | 723 | 788 | 848 | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | – | – | – |
| **1,00** | 236 | 236 | – | – | – | – | – | 769 | 829 | 1 124 | 1 404 | 1 529 | 1 659 | 1 784 | 1 909 | 2 039 | – | – |
| **1,00** | 250 | 250 | – | – | – | – | – | – | 808 | 1 103 | 1 383 | 1 508 | 1 638 | 1 763 | 1 888 | 2 018 | – | – |
| **1,00** | 280 | 280 | – | – | – | – | – | – | – | 1 055 | 1 335 | 1 460 | 1 590 | 1 715 | 1 840 | 1 970 | – | – |
| **1,00** | 315 | 315 | – | – | – | – | – | – | – | 1 000 | 1 280 | 1 405 | 1 535 | 1 660 | 1 785 | 1 915 | – | – |
| **1,05** | 190 | 200 | – | – | 594 | 704 | 769 | 834 | 894 | 1 189 | 1 469 | 1 594 | 1 724 | – | – | – | – | – |
| **1,05** | 224 | 236 | – | – | – | – | 714 | 779 | 839 | 1 134 | 1 414 | 1 539 | 1 669 | 1 794 | 1 919 | – | – | – |
| **1,06** | 180 | 190 | – | – | – | 720 | 785 | 850 | 910 | 1 205 | 1 485 | 1 610 | – | – | – | – | – | – |
| **1,06** | 212 | 224 | – | – | – | 668 | 733 | 798 | 858 | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | 1 938 | – | – | – |
| **1,06** | 170 | 180 | – | – | 625 | 735 | 800 | 865 | 925 | 1 220 | 1 500 | – | – | – | – | – | – | – |
| **1,06** | 236 | 250 | – | – | – | – | – | 758 | 818 | 1 113 | 1 393 | 1 518 | 1 648 | 1 773 | 1 898 | 2 028 | – | – |
| **1,06** | 200 | 212 | – | – | – | 687 | 752 | 817 | 877 | 1 172 | 1 452 | 1 577 | 1 707 | 1 832 | – | – | – | – |
| **1,06** | 160 | 170 | – | – | 641 | 751 | 816 | 881 | 941 | 1 236 | – | – | – | – | – | – | – | – |
| **1,07** | 150 | 160 | – | 462 | 657 | 767 | 832 | 897 | 957 | 1 252 | – | – | – | – | – | – | – | – |
| **1,07** | 140 | 150 | – | 477 | 672 | 782 | 847 | 912 | 972 | 1 267 | – | – | – | – | – | – | – | – |
| **1,11** | 180 | 200 | 332 | 407 | 602 | 712 | 777 | 842 | 902 | 1 197 | 1 477 | 1 602 | – | – | – | – | – | – |
| **1,11** | 212 | 236 | 278 | 353 | 548 | 658 | 723 | 788 | 848 | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | – | – | – |
| **1,12** | 190 | 212 | 314 | 389 | 584 | 694 | 759 | 824 | 884 | 1 179 | 1 459 | 1 584 | 1 714 | – | – | – | – | – |
| **1,12** | 224 | 250 | 258 | 333 | 528 | 638 | 703 | 768 | 828 | 1 123 | 1 403 | 1 528 | 1 658 | 1 783 | 1 908 | 2 038 | – | – |
| **1,12** | 170 | 190 | 347 | 422 | 617 | 727 | 792 | 857 | 917 | 1 212 | 1 492 | – | – | – | – | – | – | – |
| **1,12** | 200 | 224 | 297 | 372 | 567 | 677 | 742 | 807 | 867 | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | – | – | – | – |
| **1,12** | 250 | 280 | – | 289 | 484 | 594 | 659 | 724 | 784 | 1 079 | 1 359 | 1 484 | 1 614 | 1 739 | 1 864 | 1 994 | – | – |
| **1,13** | 160 | 180 | 363 | 438 | 633 | 743 | 808 | 873 | 933 | 1 228 | – | – | – | – | – | – | – | – |
| **1,13** | 280 | 315 | – | – | 433 | 543 | 608 | 673 | 733 | 1 028 | 1 308 | 1 433 | 1 563 | 1 688 | 1 813 | 1 943 | – | – |
| **1,13** | 315 | 355 | – | – | 374 | 484 | 549 | 614 | 674 | 969 | 1 249 | 1 374 | 1 504 | 1 629 | 1 754 | 1 884 | – | – |
| **1,13** | 150 | 170 | 379 | 454 | 649 | 759 | 824 | 889 | 949 | 1 244 | – | – | – | – | – | – | – | – |
| **1,14** | 140 | 160 | 394 | 469 | 664 | 774 | 839 | 904 | 964 | 1 259 | – | – | – | – | – | – | – | – |
| **1,18** | 170 | 200 | 339 | 414 | 609 | 719 | 784 | 849 | 909 | 1 204 | 1 484 | – | – | – | – | – | – | – |
| **1,18** | 180 | 212 | 322 | 397 | 592 | 702 | 767 | 832 | 892 | 1 187 | 1 467 | 1 592 | – | – | – | – | – | – |
| **1,18** | 190 | 224 | 305 | 380 | 575 | 685 | 750 | 815 | 875 | 1 170 | 1 450 | 1 575 | 1 705 | – | – | – | – | – |
| **1,18** | 212 | 250 | 267 | 342 | 537 | 647 | 712 | 777 | 837 | 1 132 | 1 412 | 1 537 | 1 667 | 1 792 | 1 917 | – | – | – |
| **1,18** | 200 | 236 | 287 | 362 | 557 | 667 | 733 | 798 | 858 | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | – | – | – | – |
| **1,19** | 236 | 280 | – | 299 | 494 | 605 | 670 | 735 | 795 | 1 090 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | – | – |
| **1,19** | 160 | 190 | 355 | 430 | 625 | 735 | 800 | 865 | 925 | 1 220 | 1 500 | – | – | – | – | – | – | – |
| **1,20** | 150 | 180 | 371 | 446 | 641 | 751 | 816 | 881 | 941 | 1 236 | – | – | – | – | – | – | – | – |
| **1,21** | 140 | 170 | 386 | 461 | 656 | 767 | 832 | 897 | 957 | 1 252 | – | – | – | – | – | – | – | – |
| **1,24** | 190 | 236 | 295 | 370 | 565 | 675 | 740 | 805 | 865 | 1 160 | 1 440 | 1 565 | 1 695 | – | – | – | – | – |
| **1,24** | 180 | 224 | 312 | 387 | 582 | 693 | 758 | 823 | 883 | 1 178 | 1 458 | 1 583 | – | – | – | – | – | – |
| **1,25** | 170 | 212 | 329 | 405 | 600 | 710 | 775 | 840 | 900 | 1 195 | 1 475 | 1 600 | – | – | – | – | – | – |
| **1,25** | 160 | 200 | 347 | 422 | 617 | 727 | 792 | 857 | 917 | 1 212 | 1 492 | – | – | – | – | – | – | – |
| **1,25** | 200 | 250 | 276 | 351 | 546 | 656 | 721 | 786 | 846 | 1 141 | 1 422 | 1 547 | 1 677 | 1 802 | – | – | – | – |
| **1,25** | 224 | 280 | – | 308 | 504 | 614 | 679 | 744 | 804 | 1 099 | 1 379 | 1 504 | 1 634 | 1 759 | 1 884 | 2 014 | – | – |
| **1,26** | 250 | 315 | 184 | 259 | 455 | 566 | 631 | 696 | 756 | 1 051 | 1 331 | 1 456 | 1 586 | 1 711 | 1 836 | 1 966 | – | – |
| **1,27** | 150 | 190 | 363 | 438 | 633 | 743 | 808 | 873 | 933 | 1 228 | – | – | – | – | – | – | – | – |
| **1,27** | 280 | 355 | – | – | 400 | 510 | 575 | 640 | 701 | 996 | 1 276 | 1 401 | 1 531 | 1 656 | 1 781 | 1 911 | – | – |
| **1,27** | 315 | 400 | – | – | – | 447 | 512 | 577 | 637 | 933 | 1 213 | 1 338 | 1 468 | 1 593 | 1 718 | 1 848 | 2 988 | – |
| **1,29** | 140 | 180 | 378 | 453 | 648 | 759 | 824 | 889 | 949 | 1 244 | – | – | – | – | – | – | – | – |
| **1,31** | 180 | 236 | 302 | 377 | 573 | 683 | 748 | 813 | 873 | 1 168 | 1 448 | 1 573 | 1 703 | – | – | – | – | – |
| **1,32** | 190 | 250 | 283 | 358 | 554 | 664 | 729 | 794 | 854 | 1 149 | 1 429 | 1 554 | 1 684 | 1 809 | – | – | – | – |
| **1,32** | 170 | 224 | 320 | 395 | 590 | 700 | 765 | 830 | 890 | 1 185 | 1 465 | 1 590 | – | – | – | – | – | – |
| **1,32** | 212 | 280 | – | 317 | 513 | 623 | 688 | 753 | 813 | 1 108 | 1 388 | 1 513 | 1 643 | 1 768 | 1 893 | 2 023 | – | – |
| **1,33** | 160 | 212 | 337 | 412 | 607 | 718 | 783 | 848 | 908 | 1 203 | 1 483 | – | – | – | – | – | – | – |
| **1,00** | 250 | 250 | – | – | – | – | – | – | 808 | 1 103 | 1 383 | 1 508 | 1 638 | 1 763 | 1 888 | 2 018 | – | – |
| **1,00** | 280 | 280 | – | – | – | – | – | – | – | 1 055 | 1 335 | 1 460 | 1 590 | 1 715 | 1 840 | 1 970 | – | – |
| **1,00** | 315 | 315 | – | – | – | – | – | – | – | 1 000 | 1 280 | 1 405 | 1 535 | 1 660 | 1 785 | 1 915 | – | – |
| **1,05** | 190 | 200 | – | – | 594 | 704 | 769 | 834 | 894 | 1 189 | 1 469 | 1 594 | 1 724 | – | – | – | – | – |
| **1,05** | 224 | 236 | – | – | – | – | 714 | 779 | 839 | 1 134 | 1 414 | 1 539 | 1 669 | 1 794 | 1 919 | – | – | – |
| **1,06** | 180 | 190 | – | – | – | 720 | 785 | 850 | 910 | 1 205 | 1 485 | 1 610 | – | – | – | – | – | – |
| **1,06** | 212 | 224 | – | – | – | 668 | 733 | 798 | 858 | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | 1 938 | – | – | – |
| **1,06** | 170 | 180 | – | – | 625 | 735 | 800 | 865 | 925 | 1 220 | 1 500 | – | – | – | – | – | – | – |
| **1,06** | 236 | 250 | – | – | – | – | – | 758 | 818 | 1 113 | 1 393 | 1 518 | 1 648 | 1 773 | 1 898 | 2 028 | – | – |
| **1,06** | 200 | 212 | – | – | – | 687 | 752 | 817 | 877 | 1 172 | 1 452 | 1 577 | 1 707 | 1 832 | – | – | – | – |
| **1,06** | 160 | 170 | – | – | 641 | 751 | 816 | 881 | 941 | 1 236 | – | – | – | – | – | – | – | – |
| **1,07** | 150 | 160 | – | 462 | 657 | 767 | 832 | 897 | 957 | 1 252 | – | – | – | – | – | – | – | – |
| **1,07** | 140 | 150 | – | 477 | 672 | 782 | 847 | 912 | 972 | 1 267 | – | – | – | – | – | – | – | – |
| **1,11** | 180 | 200 | 332 | 407 | 602 | 712 | 777 | 842 | 902 | 1 197 | 1 477 | 1 602 | – | – | – | – | – | – |
| **1,11** | 212 | 236 | 278 | 353 | 548 | 658 | 723 | 788 | 848 | 1 143 | 1 423 | 1 548 | 1 678 | 1 803 | 1 928 | – | – | – |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.

# Centre distances
## Section SPB/SPB-XP/XPB

**Table 4e**

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 1 260 | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **1,12** | 190 | 212 | 314 | 389 | 584 | 694 | 759 | 824 | 884 | 1 179 | 1 459 | 1 584 | 1 714 | – | – | – | – | – |
| **1,12** | 224 | 250 | 258 | 333 | 528 | 638 | 703 | 768 | 828 | 1 123 | 1 403 | 1 528 | 1 658 | 1 783 | 1 908 | 2 038 | – | – |
| **1,12** | 170 | 190 | 347 | 422 | 617 | 727 | 792 | 857 | 917 | 1 212 | 1 492 | – | – | – | – | – | – | – |
| **1,12** | 200 | 224 | 297 | 372 | 567 | 677 | 742 | 807 | 867 | 1 162 | 1 442 | 1 567 | 1 697 | 1 822 | – | – | – | – |
| **1,12** | 250 | 280 | – | 289 | 484 | 594 | 659 | 724 | 784 | 1 079 | 1 359 | 1 484 | 1 614 | 1 739 | 1 864 | 1 994 | – | – |
| **1,13** | 160 | 180 | 363 | 438 | 633 | 743 | 808 | 873 | 933 | 1 228 | – | – | – | – | – | – | – | – |
| **1,13** | 280 | 315 | – | – | 433 | 543 | 608 | 673 | 733 | 1 028 | 1 308 | 1 433 | 1 563 | 1 688 | 1 813 | 1 943 | – | – |
| **1,13** | 315 | 355 | – | – | 374 | 484 | 549 | 614 | 674 | 969 | 1 249 | 1 374 | 1 504 | 1 629 | 1 754 | 1 884 | – | – |
| **1,13** | 150 | 170 | 379 | 454 | 649 | 759 | 824 | 889 | 949 | 1 244 | – | – | – | – | – | – | – | – |
| **1,14** | 140 | 160 | 394 | 469 | 664 | 774 | 839 | 904 | 964 | 1 259 | – | – | – | – | – | – | – | – |
| **1,18** | 170 | 200 | 339 | 414 | 609 | 719 | 784 | 849 | 909 | 1 204 | 1 484 | – | – | – | – | – | – | – |
| **1,18** | 180 | 212 | 322 | 397 | 592 | 702 | 767 | 832 | 892 | 1 187 | 1 467 | 1 592 | – | – | – | – | – | – |
| **1,18** | 190 | 224 | 305 | 380 | 575 | 685 | 750 | 815 | 875 | 1 170 | 1 450 | 1 575 | 1 705 | – | – | – | – | – |
| **1,18** | 212 | 250 | 267 | 342 | 537 | 647 | 712 | 777 | 837 | 1 132 | 1 412 | 1 537 | 1 667 | 1 792 | 1 917 | – | – | – |
| **1,18** | 200 | 236 | 287 | 362 | 557 | 667 | 733 | 798 | 858 | 1 153 | 1 433 | 1 558 | 1 688 | 1 813 | – | – | – | – |
| **1,19** | 236 | 280 | – | 299 | 494 | 605 | 670 | 735 | 795 | 1 090 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | – | – |
| **1,19** | 160 | 190 | 355 | 430 | 625 | 735 | 800 | 865 | 925 | 1 220 | 1 500 | – | – | – | – | – | – | – |
| **1,20** | 150 | 180 | 371 | 446 | 641 | 751 | 816 | 881 | 941 | 1 236 | – | – | – | – | – | – | – | – |
| **1,21** | 140 | 170 | 386 | 461 | 656 | 767 | 832 | 897 | 957 | 1 252 | – | – | – | – | – | – | – | – |
| **1,24** | 190 | 236 | 295 | 370 | 565 | 675 | 740 | 805 | 865 | 1 160 | 1 440 | 1 565 | 1 695 | – | – | – | – | – |
| **1,24** | 180 | 224 | 312 | 387 | 582 | 693 | 758 | 823 | 883 | 1 178 | 1 458 | 1 583 | – | – | – | – | – | – |
| **1,25** | 170 | 212 | 329 | 405 | 600 | 710 | 775 | 840 | 900 | 1 195 | 1 475 | 1 600 | – | – | – | – | – | – |
| **1,25** | 160 | 200 | 347 | 422 | 617 | 727 | 792 | 857 | 917 | 1 212 | 1 492 | – | – | – | – | – | – | – |
| **1,25** | 200 | 250 | 276 | 351 | 546 | 656 | 721 | 786 | 846 | 1 141 | 1 422 | 1 547 | 1 677 | 1 802 | – | – | – | – |
| **1,25** | 224 | 280 | – | 308 | 504 | 614 | 679 | 744 | 804 | 1 099 | 1 379 | 1 504 | 1 634 | 1 759 | 1 884 | 2 014 | – | – |
| **1,26** | 250 | 315 | 184 | 259 | 455 | 566 | 631 | 696 | 756 | 1 051 | 1 331 | 1 456 | 1 586 | 1 711 | 1 836 | 1 966 | – | – |
| **1,27** | 150 | 190 | 363 | 438 | 633 | 743 | 808 | 873 | 933 | 1 228 | – | – | – | – | – | – | – | – |
| **1,27** | 280 | 355 | – | – | 400 | 510 | 575 | 640 | 701 | 996 | 1 276 | 1 401 | 1 531 | 1 656 | 1 781 | 1 911 | – | – |
| **1,27** | 315 | 400 | – | – | – | 447 | 512 | 577 | 637 | 933 | 1 213 | 1 338 | 1 468 | 1 593 | 1 718 | 1 848 | 2 988 | – |
| **1,29** | 140 | 180 | 378 | 453 | 648 | 759 | 824 | 889 | 949 | 1 244 | – | – | – | – | – | – | – | – |
| **1,31** | 180 | 236 | 302 | 377 | 573 | 683 | 748 | 813 | 873 | 1 168 | 1 448 | 1 573 | 1 703 | – | – | – | – | – |
| **1,32** | 190 | 250 | 283 | 358 | 554 | 664 | 729 | 794 | 854 | 1 149 | 1 429 | 1 554 | 1 684 | 1 809 | – | – | – | – |
| **1,32** | 170 | 224 | 320 | 395 | 590 | 700 | 765 | 830 | 890 | 1 185 | 1 465 | 1 590 | – | – | – | – | – | – |
| **1,32** | 212 | 280 | – | 317 | 513 | 623 | 688 | 753 | 813 | 1 108 | 1 388 | 1 513 | 1 643 | 1 768 | 1 893 | 2 023 | – | – |
| **1,33** | 160 | 212 | 337 | 412 | 607 | 718 | 783 | 848 | 908 | 1 203 | 1 483 | – | – | – | – | – | – | – |
| **1,33** | 150 | 200 | 354 | 430 | 625 | 735 | 800 | 865 | 925 | 1 220 | – | – | – | – | – | – | – | – |
| **1,33** | 236 | 315 | – | – | 466 | 576 | 641 | 706 | 766 | 1 062 | 1 342 | 1 467 | 1 597 | 1 722 | 1 847 | 1 977 | – | – |
| **1,36** | 140 | 190 | 370 | 445 | 640 | 751 | 816 | 881 | 941 | 1 236 | – | – | – | – | – | – | – | – |
| **1,39** | 170 | 236 | 310 | 385 | 580 | 691 | 756 | 821 | 881 | 1 176 | 1 456 | 1 581 | – | – | – | – | – | – |
| **1,39** | 180 | 250 | 290 | 366 | 561 | 672 | 737 | 802 | 862 | 1 157 | 1 437 | 1 562 | 1 692 | – | – | – | – | – |
| **1,40** | 160 | 224 | 327 | 402 | 598 | 708 | 773 | 838 | 898 | 1 193 | 1 473 | 1 598 | – | – | – | – | – | – |
| **1,40** | 200 | 280 | – | 326 | 522 | 632 | 697 | 762 | 822 | 1 117 | 1 398 | 1 523 | 1 653 | 1 778 | 1 903 | – | – | – |
| **1,41** | 224 | 315 | – | – | 475 | 585 | 650 | 715 | 776 | 1 071 | 1 351 | 1 476 | 1 606 | 1 731 | 1 856 | 1 986 | – | – |
| **1,41** | 150 | 212 | 344 | 420 | 615 | 725 | 790 | 855 | 915 | 1 210 | – | – | – | – | – | – | – | – |
| **1,42** | 250 | 355 | – | – | 422 | 532 | 598 | 663 | 723 | 1 019 | 1 299 | 1 424 | 1 554 | 1 679 | 1 804 | 1 934 | – | – |
| **1,43** | 140 | 200 | 362 | 437 | 632 | 742 | 808 | 873 | 933 | 1 228 | – | – | – | – | – | – | – | – |
| **1,43** | 280 | 400 | 71 | 160 | 361 | 472 | 538 | 603 | 663 | 959 | 1 240 | 1 365 | 1 495 | 1 620 | 1 745 | 1 875 | – | – |
| **1,47** | 170 | 250 | 298 | 373 | 569 | 679 | 744 | 809 | 869 | 1 165 | 1 445 | 1 570 | 1 700 | – | – | – | – | – |
| **1,47** | 190 | 280 | 257 | 333 | 529 | 639 | 705 | 770 | 830 | 1 125 | 1 405 | 1 530 | 1 660 | 1 785 | – | – | – | – |
| **1,48** | 160 | 236 | 317 | 392 | 588 | 698 | 763 | 828 | 888 | 1 184 | 1 464 | 1 589 | – | – | – | – | – | – |
| **1,49** | 212 | 315 | – | 287 | 484 | 594 | 659 | 724 | 785 | 1 080 | 1 360 | 1 485 | 1 615 | 1 741 | 1 866 | 1 996 | – | – |
| **1,49** | 150 | 224 | 334 | 410 | 605 | 715 | 781 | 846 | 906 | 1 201 | 1 481 | – | – | – | – | – | – | – |
| **1,50** | 236 | 355 | – | – | 432 | 543 | 608 | 673 | 734 | 1 029 | 1 310 | 1 435 | 1 565 | 1 690 | 1 815 | 1 945 | – | – |
| **1,51** | 140 | 212 | 352 | 427 | 623 | 733 | 798 | 863 | 923 | 1 218 | – | – | – | – | – | – | – | – |
| **1,56** | 180 | 280 | 264 | 340 | 537 | 647 | 712 | 777 | 837 | 1 133 | 1 413 | 1 538 | 1 668 | 1 793 | – | – | – | – |
| **1,56** | 160 | 250 | 305 | 380 | 576 | 687 | 752 | 817 | 877 | 172 | 1 452 | 1 578 | – | – | – | – | – | – |
| **1,57** | 150 | 236 | 324 | 400 | 595 | 706 | 771 | 836 | 896 | 1 191 | 1 471 | – | – | – | – | – | – | – |
| **1,58** | 200 | 315 | – | 295 | 492 | 603 | 668 | 733 | 794 | 1 089 | 1 370 | 1 495 | 1 625 | 1 750 | 1 875 | 2 005 | – | – |
| **1,58** | 224 | 355 | – | – | 441 | 552 | 617 | 682 | 743 | 1 038 | 1 319 | 1 444 | 1 574 | 1 699 | 1 824 | 1 954 | – | – |
| **1,59** | 315 | 500 | – | – | – | – | – | 492 | 552 | 850 | 1 131 | 1 257 | 1 387 | 1 512 | 1 638 | 1 768 | 2 909 | 3 354 |
| **1,60** | 140 | 224 | 342 | 417 | 613 | 723 | 788 | 853 | 913 | 1 209 | – | – | – | – | – | – | – | – |
| **1,60** | 250 | 400 | – | – | 382 | 494 | 560 | 625 | 686 | 982 | 1 263 | 1 388 | 1 518 | 1 643 | 1 768 | 1 898 | – | – |
| **1,65** | 170 | 280 | 271 | 347 | 544 | 654 | 720 | 785 | 845 | 1 140 | 1 421 | 1 546 | 1 676 | – | – | – | – | – |
| **1,66** | 190 | 315 | – | 302 | 500 | 610 | 676 | 741 | 801 | 1 097 | 1 377 | 1 502 | 1 632 | 1 757 | 1 883 | – | – | – |
| **1,67** | 150 | 250 | 312 | 388 | 584 | 694 | 759 | 824 | 885 | 1 180 | 1 460 | – | – | – | – | – | – | – |
| **1,67** | 212 | 355 | – | – | 449 | 560 | 626 | 691 | 752 | 1 047 | 1 328 | 1 453 | 1 583 | 1 708 | 1 834 | 1 964 | – | – |
| **1,69** | 140 | 236 | 331 | 407 | 603 | 713 | 778 | 843 | 904 | 1 199 | – | – | – | – | – | – | – | – |
| **1,69** | 236 | 400 | – | – | 392 | 504 | 570 | 635 | 696 | 992 | 1 273 | 1 398 | 1 529 | 1 654 | 1 779 | 1 909 | – | – |
| **1,75** | 160 | 280 | 278 | 355 | 551 | 662 | 727 | 792 | 852 | 1 148 | 1 428 | 1 553 | 1 684 | – | – | – | – | – |
| **1,75** | 180 | 315 | – | 309 | 507 | 618 | 683 | 748 | 809 | 1 104 | 1 385 | 1 510 | 1 640 | 1 765 | – | – | – | – |
| **1,78** | 200 | 355 | – | – | 458 | 569 | 635 | 700 | 760 | 1 056 | 1 337 | 1 462 | 1 592 | 1 718 | 1 843 | 1 973 | – | – |
| **1,79** | 140 | 250 | 319 | 395 | 591 | 702 | 767 | 832 | 892 | 1 188 | 1 468 | – | – | – | – | – | – | – |
| **1,79** | 224 | 400 | – | – | 400 | 513 | 578 | 644 | 705 | 1 001 | 1 282 | 1 407 | 1 538 | 1 663 | 1 788 | 1 918 | – | – |
| **1,79** | 280 | 500 | – | – | – | – | 449 | 516 | 577 | 876 | 1 157 | 1 283 | 1 413 | 1 539 | 1 664 | 1 794 | 2 936 | – |
| **1,85** | 170 | 315 | – | 316 | 514 | 625 | 690 | 756 | 816 | 1 112 | 1 392 | 1 518 | 1 648 | 1 773 | – | – | – | – |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.

Table 4f

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 1 260 | 1 410 | 1 800 | 2 020 | 2 150 | 2 280 | 2 400 | 2 990 | 3 550 | 3 800 | 4 060 | 4 310 | 4 560 | 4 820 | 7 100 | 7 990 |
| – | mm | | mm | | | | | | | | | | | | | | | |
| **1,87** | 150 | 280 | – | 362 | 559 | 669 | 735 | 800 | 860 | 1 156 | 1 436 | 1 561 | – | – | – | – | – | – |
| **1,87** | 190 | 355 | – | – | 465 | 576 | 642 | 707 | 768 | 1 064 | 1 345 | 1 470 | 1 600 | 1 725 | 1 850 | 1 980 | – | – |
| **1,89** | 212 | 400 | – | – | 409 | 521 | 587 | 653 | 713 | 1 010 | 1 291 | 1 416 | 1 547 | 1 672 | 1 797 | 1 927 | – | – |
| **1,97** | 160 | 315 | – | 323 | 521 | 632 | 698 | 763 | 823 | 1 119 | 1 400 | 1 525 | 1 655 | – | – | – | – | – |
| **1,97** | 180 | 355 | – | – | 472 | 583 | 649 | 715 | 775 | 1 071 | 1 352 | 1 477 | 1 608 | 1 733 | 1 858 | – | – | – |
| **2,00** | 140 | 280 | 292 | 369 | 566 | 677 | 742 | 807 | 867 | 1 163 | 1 444 | – | – | – | – | – | – | – |
| **2,00** | 200 | 400 | – | – | 417 | 530 | 596 | 661 | 722 | 1 019 | 1 300 | 1 425 | 1 556 | 1 681 | 1 806 | 1 936 | – | – |
| **2,00** | 250 | 500 | – | – | – | 402 | 470 | 537 | 598 | 898 | 1 180 | 1 305 | 1 436 | 1 561 | 1 687 | 1 817 | – | – |
| **2,00** | 315 | 630 | – | – | – | – | – | – | – | 736 | 1 021 | 1 147 | 1 278 | 1 404 | 1 530 | 1 661 | 2 804 | 3 249 |
| **2,09** | 170 | 355 | – | – | 479 | 591 | 656 | 722 | 782 | 1 079 | 1 360 | 1 485 | 1 615 | 1 740 | 1 866 | – | – | – |
| **2,10** | 150 | 315 | – | 330 | 529 | 640 | 705 | 771 | 831 | 1 127 | 1 408 | 1 533 | 1 663 | – | – | – | – | – |
| **2,11** | 190 | 400 | – | – | 424 | 537 | 603 | 669 | 729 | 1 026 | 1 308 | 1 433 | 1 563 | 1 689 | 1 814 | 1 944 | – | – |
| **2,12** | 236 | 500 | – | – | – | 411 | 479 | 546 | 608 | 908 | 1 190 | 1 316 | 1 446 | 1 572 | 1 697 | 1 827 | – | – |
| **2,22** | 160 | 355 | – | – | 486 | 598 | 664 | 729 | 790 | 1 086 | 1 367 | 1 493 | 1 623 | 1 748 | – | – | – | – |
| **2,22** | 180 | 400 | – | – | 431 | 544 | 610 | 676 | 736 | 1 034 | 1 315 | 1 441 | 1 571 | 1 696 | 1 821 | 1 952 | – | – |
| **2,23** | 224 | 500 | – | – | – | 419 | 487 | 554 | 616 | 916 | 1 199 | 1 324 | 1 455 | 1 581 | 1 706 | 1 836 | – | – |
| **2,25** | 140 | 315 | – | 336 | 536 | 647 | 712 | 778 | 838 | 1 134 | 1 415 | 1 540 | – | – | – | – | – | – |
| **2,25** | 280 | 630 | – | – | – | – | – | – | – | 761 | 1 046 | 1 173 | 1 304 | 1 430 | 1 556 | 1 687 | 2 830 | 3 276 |
| **2,35** | 170 | 400 | – | – | 437 | 551 | 617 | 683 | 744 | 1 041 | 1 323 | 1 448 | 1 578 | 1 704 | 1 829 | 1 959 | – | – |
| **2,36** | 212 | 500 | – | – | – | 427 | 495 | 563 | 624 | 925 | 1 207 | 1 333 | 1 464 | 1 590 | 1 715 | 1 845 | – | – |
| **2,37** | 150 | 355 | – | – | 493 | 605 | 671 | 736 | 797 | 1 094 | 1 375 | 1 500 | 1 630 | 1 756 | – | – | – | – |
| **2,50** | 160 | 400 | – | – | 444 | 557 | 624 | 690 | 751 | 1 049 | 1 330 | 1 455 | 1 586 | 1 711 | 1 836 | – | – | – |
| **2,50** | 200 | 500 | – | – | – | 435 | 503 | 571 | 633 | 933 | 1 216 | 1 342 | 1 473 | 1 598 | 1 724 | 1 854 | – | – |
| **2,52** | 250 | 630 | – | – | – | – | – | – | 471 | 781 | 1 067 | 1 194 | 1 326 | 1 452 | 1 578 | 1 709 | 2 853 | – |
| **2,54** | 140 | 355 | – | – | 500 | 612 | 678 | 744 | 804 | 1 101 | 1 382 | 1 508 | 1 638 | – | – | – | – | – |
| **2,54** | 315 | 800 | – | – | – | – | – | – | – | – | 866 | 995 | 1 129 | 1 256 | 1 383 | 1 515 | 2 664 | 3 110 |
| **2,63** | 190 | 500 | – | – | – | 441 | 510 | 578 | 640 | 941 | 1 224 | 1 349 | 1 480 | 1 606 | 1 731 | 1 862 | – | – |
| **2,67** | 150 | 400 | – | – | 451 | 564 | 631 | 697 | 758 | 1 056 | 1 337 | 1 463 | 1 593 | 1 719 | 1 844 | – | – | – |
| **2,67** | 236 | 630 | – | – | – | – | – | – | 480 | 791 | 1 077 | 1 204 | 1 336 | 1 462 | 1 588 | 1 719 | 2 863 | – |
| **2,78** | 180 | 500 | – | – | – | 448 | 516 | 584 | 646 | 948 | 1 231 | 1 357 | 1 488 | 1 613 | 1 739 | 1 869 | – | – |
| **2,81** | 224 | 630 | – | – | – | – | – | – | 487 | 799 | 1 086 | 1 213 | 1 344 | 1 471 | 1 597 | 1 728 | 2 872 | – |
| **2,86** | 140 | 400 | – | – | 458 | 571 | 638 | 704 | 765 | 1 063 | 1 345 | 1 470 | 1 601 | 1 726 | – | – | – | – |
| **2,86** | 280 | 800 | – | – | – | – | – | – | – | 590 | 889 | 1 019 | 1 153 | 1 281 | 1 408 | 1 540 | 2 690 | 3 136 |
| **2,94** | 170 | 500 | – | – | – | 454 | 523 | 591 | 653 | 955 | 1 238 | 1 364 | 1 495 | 1 621 | 1 746 | 1 877 | – | – |
| **2,97** | 212 | 630 | – | – | – | – | – | – | 495 | 807 | 1 094 | 1 221 | 1 353 | 1 479 | 1 605 | 1 736 | – | – |
| **3,13** | 160 | 500 | – | – | – | 461 | 530 | 598 | 660 | 962 | 1 245 | 1 371 | 1 502 | 1 628 | 1 754 | 1 884 | – | – |
| **3,15** | 200 | 630 | – | – | – | – | – | – | 502 | 815 | 1 102 | 1 230 | 1 361 | 1 488 | 1 614 | 1 745 | – | – |
| **3,17** | 315 | 1 000 | – | – | – | – | – | – | – | – | – | 794 | 935 | 1 068 | 1 199 | 1 334 | 2 494 | 2 943 |
| **3,20** | 250 | 800 | – | – | – | – | – | – | – | 609 | 909 | 1 039 | 1 174 | 1 302 | 1 429 | 1 562 | 2 712 | 3 159 |
| **3,32** | 190 | 630 | – | – | – | – | – | – | 509 | 822 | 1 109 | 1 237 | 1 369 | 1 495 | 1 621 | 1 752 | – | – |
| **3,33** | 150 | 500 | – | – | – | 467 | 536 | 604 | 667 | 969 | 1 253 | 1 379 | 1 510 | 1 635 | 1 761 | 1 892 | – | – |
| **3,39** | 236 | 800 | – | – | – | – | – | – | – | 617 | 918 | 1 049 | 1 183 | 1 311 | 1 439 | 1 571 | 2 722 | 3 169 |
| **3,50** | 180 | 630 | – | – | – | – | – | – | 515 | 829 | 1 116 | 1 244 | 1 376 | 1 502 | 1 629 | 1 760 | – | – |
| **3,57** | 140 | 500 | – | – | – | 473 | 543 | 611 | 674 | 976 | 1 260 | 1 386 | 1 517 | 1 643 | 1 768 | 1 899 | – | – |
| **3,57** | 224 | 800 | – | – | – | – | – | – | – | 625 | 926 | 1 057 | 1 191 | 1 320 | 1 448 | 1 580 | 2 731 | – |
| **3,57** | 280 | 1 000 | – | – | – | – | – | – | – | – | 674 | 816 | 958 | 1 091 | 1 222 | 1 357 | 2 519 | 2 968 |
| **3,71** | 170 | 630 | – | – | – | – | – | – | 521 | 835 | 1 123 | 1 251 | 1 383 | 1 509 | 1 636 | 1 767 | – | – |
| **3,77** | 212 | 800 | – | – | – | – | – | – | – | 632 | 934 | 1 065 | 1 200 | 1 328 | 1 456 | 1 588 | 2 740 | – |
| **3,94** | 160 | 630 | – | – | – | – | – | – | 528 | 842 | 1 130 | 1 258 | 1 390 | 1 517 | 1 643 | 1 774 | – | – |
| **3,97** | 315 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | – | 935 | 1 080 | 2 273 | 2 726 |
| **4,00** | 200 | 800 | – | – | – | – | – | – | – | 640 | 942 | 1 073 | 1 208 | 1 336 | 1 464 | 1 597 | 2 749 | – |
| **4,00** | 250 | 1 000 | – | – | – | – | – | – | – | – | 692 | 834 | 977 | 1 110 | 1 242 | 1 378 | 2 541 | 2 990 |
| **4,20** | 150 | 630 | – | – | – | – | – | – | 534 | 849 | 1 137 | 1 265 | 1 397 | 1 524 | 1 650 | 1 782 | – | – |
| **4,21** | 190 | 800 | – | – | – | – | – | – | – | 646 | 949 | 1 080 | 1 215 | 1 343 | 1 471 | 1 604 | 2 756 | – |
| **4,24** | 236 | 1 000 | – | – | – | – | – | – | – | – | 701 | 843 | 986 | 1 120 | 1 251 | 1 387 | 2 551 | 3 000 |
| **4,44** | 180 | 800 | – | – | – | – | – | – | – | 652 | 955 | 1 086 | 1 221 | 1 350 | 1 478 | 1 611 | 2 763 | – |
| **4,46** | 224 | 1 000 | – | – | – | – | – | – | – | – | 708 | 851 | 993 | 1 127 | 1 259 | 1 395 | 2 560 | 3 009 |
| **4,46** | 280 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 808 | 956 | 1 102 | 2 298 | 2 751 |
| **4,50** | 140 | 630 | – | – | – | – | – | – | 540 | 855 | 1 144 | 1 272 | 1 404 | 1 531 | 1 657 | 1 789 | – | – |
| **4,71** | 170 | 800 | – | – | – | – | – | – | – | 658 | 962 | 1 093 | 1 228 | 1 357 | 1 485 | 1 618 | 2 771 | – |
| **4,72** | 212 | 1 000 | – | – | – | – | – | – | – | – | 715 | 858 | 1 001 | 1 135 | 1 267 | 1 403 | 2 568 | 3 018 |
| **5,00** | 160 | 800 | – | – | – | – | – | – | – | 664 | 969 | 1 100 | 1 235 | 1 364 | 1 492 | 1 625 | – | – |
| **5,00** | 200 | 1 000 | – | – | – | – | – | – | – | – | 722 | 866 | 1 009 | 1 143 | 1 275 | 1 411 | 2 577 | 3 027 |
| **5,00** | 250 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 826 | 974 | 1 121 | 2 319 | 2 772 |
| **5,26** | 190 | 1 000 | – | – | – | – | – | – | – | – | 728 | 872 | 1 015 | 1 150 | 1 282 | 1 418 | 2 584 | 3 034 |
| **5,30** | 236 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 834 | 983 | 1 130 | 2 328 | 2 782 |
| **5,33** | 150 | 800 | – | – | – | – | – | – | – | 670 | 975 | 1 107 | 1 242 | 1 371 | 1 499 | 1 632 | – | – |
| **5,56** | 180 | 1 000 | – | – | – | – | – | – | – | – | 734 | 878 | 1 021 | 1 156 | 1 288 | 1 425 | 2 591 | 3 041 |
| **5,58** | 224 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 842 | 990 | 1 137 | 2 337 | 2 791 |
| **5,71** | 140 | 800 | – | – | – | – | – | – | – | 677 | 982 | 1 113 | 1 248 | 1 378 | 1 506 | 1 639 | – | – |
| **5,88** | 170 | 1 000 | – | – | – | – | – | – | – | – | 740 | 884 | 1 028 | 1 162 | 1 295 | 1 431 | 2 598 | – |
| **5,90** | 212 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 849 | 997 | 1 145 | 2 345 | 2 799 |
| **6,25** | 160 | 1 000 | – | – | – | – | – | – | – | – | 746 | 890 | 1 034 | 1 169 | 1 302 | 1 438 | 2 606 | – |
| **6,25** | 200 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 856 | 1 005 | 1 152 | 2 353 | 2 808 |
| **6,58** | 190 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 862 | 1 011 | 1 158 | 2 360 | 2 815 |
| **6,67** | 150 | 1 000 | – | – | – | – | – | – | – | – | 752 | 897 | 1 040 | 1 175 | 1 308 | 1 445 | 2 613 | – |
| **6,94** | 180 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | 867 | 1 017 | 1 165 | 2 367 | 2 822 |
| **7,14** | 140 | 1 000 | – | – | – | – | – | – | – | – | 758 | 903 | 1 047 | 1 182 | 1 315 | 1 451 | 2 620 | – |
| **7,35** | 170 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | – | 1 023 | 1 171 | 2 374 | 2 829 |
| **7,81** | 160 | 1 250 | – | – | – | – | – | – | – | – | – | – | – | – | 1 029 | 1 177 | 2 381 | 2 836 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.

# Centre distances
## Section SPC/SPC-XP/XPC

**Table 4g**

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 | 5 600 | 6 300 | 7 100 | 8 000 | 9 000 | 10 000 | 11 200 | 12 500 |
| – | mm | | mm | | | | | | | | | | | | | | | | |
| **1,00** | 224 | 224 | 648 | 768 | 898 | 1 048 | 1 223 | 1 423 | 1 648 | 1 898 | 2 148 | 2 448 | 2 798 | 3 198 | 3 648 | 4 148 | 4 648 | 5 248 | 5 898 |
| **1,00** | 250 | 250 | 608 | 728 | 858 | 1 008 | 1 183 | 1 383 | 1 608 | 1 858 | 2 108 | 2 408 | 2 758 | 3 158 | 3 608 | 4 108 | 4 608 | 5 208 | 5 858 |
| **1,00** | 300 | 300 | 529 | 649 | 779 | 929 | 1 104 | 1 304 | 1 529 | 1 779 | 2 029 | 2 329 | 2 679 | 3 079 | 3 529 | 4 029 | 4 529 | 5 129 | 5 779 |
| **1,00** | 335 | 335 | 474 | 594 | 724 | 874 | 1 049 | 1 249 | 1 474 | 1 724 | 1 974 | 2 274 | 2 624 | 3 024 | 3 474 | 3 974 | 4 474 | 5 074 | 5 724 |
| **1,00** | 400 | 400 | – | 492 | 622 | 772 | 947 | 1 147 | 1 372 | 1 622 | 1 872 | 2 172 | 2 522 | 2 922 | 3 377 | 3 877 | 4 372 | 4 972 | 5 622 |
| **1,00** | 450 | 450 | – | – | 544 | 694 | 869 | 1 069 | 1 294 | 1 544 | 1 794 | 2 094 | 2 444 | 2 844 | 3 294 | 3 621 | 4 121 | 4 721 | 5 544 |
| **1,00** | 500 | 500 | – | – | – | 615 | 790 | 990 | 1 215 | 1 465 | 1 715 | 2 015 | 2 365 | 2 765 | 3 215 | 3 715 | 4 215 | 4 815 | 5 465 |
| **1,00** | 560 | 560 | – | – | – | – | – | 896 | 1 121 | 1 371 | 1 621 | 1 921 | 2 271 | 2 671 | 3 121 | 3 621 | 4 121 | 4 721 | 5 371 |
| **1,05** | 300 | 315 | 517 | 637 | 767 | 917 | 1 092 | 1 292 | 1 517 | 1 767 | 2 017 | 2 317 | 2 667 | 3 067 | 3 517 | 4 017 | 4 517 | 5 117 | 5 767 |
| **1,05** | 224 | 236 | 639 | 759 | 889 | 1 039 | 1 214 | 1 414 | 1 639 | 1 889 | 2 139 | 2 439 | 2 789 | 3 189 | 3 639 | 4 139 | 4 639 | 5 239 | 5 889 |
| **1,06** | 355 | 375 | – | 547 | 677 | 827 | 1 002 | 1 202 | 1 427 | 1 677 | 1 927 | 2 227 | 2 577 | 2 977 | 3 427 | 3 927 | 4 427 | 5 027 | 5 677 |
| **1,06** | 425 | 450 | – | – | 563 | 713 | 888 | 1 088 | 1 313 | 1 563 | 1 813 | 2 113 | 2 463 | 2 863 | 3 313 | 3 813 | 4 313 | 4 913 | 5 563 |
| **1,06** | 236 | 250 | 618 | 738 | 868 | 1 018 | 1 193 | 1 393 | 1 618 | 1 868 | 2 118 | 2 418 | 2 768 | 3 168 | 3 618 | 4 118 | 4 618 | 5 218 | 5 868 |
| **1,06** | 500 | 530 | – | – | – | 591 | 766 | 966 | 1 191 | 1 441 | 1 691 | 1 991 | 2 341 | 2 741 | 3 191 | 3 691 | 4 191 | 4 791 | 5 441 |
| **1,07** | 375 | 400 | – | 511 | 642 | 792 | 967 | 1 167 | 1 392 | 1 642 | 1 892 | 2 192 | 2 542 | 2 942 | 3 392 | 3 892 | 4 392 | 4 992 | 5 642 |
| **1,07** | 280 | 300 | 545 | 665 | 795 | 945 | 1 120 | 1 320 | 1 545 | 1 795 | 2 045 | 2 345 | 2 695 | 3 095 | 3 545 | 4 045 | 4 545 | 5 145 | 5 795 |
| **1,11** | 450 | 500 | – | – | – | 654 | 829 | 1 029 | 1 254 | 1 504 | 1 754 | 2 054 | 2 404 | 2 804 | 3 254 | 3 754 | 4 254 | 4 854 | 5 504 |
| **1,12** | 425 | 475 | – | – | 543 | 693 | 868 | 1 068 | 1 293 | 1 543 | 1 793 | 2 093 | 2 443 | 2 843 | 3 293 | 3 793 | 4 293 | 4 893 | 5 543 |
| **1,12** | 335 | 375 | 442 | 562 | 692 | 842 | 1 017 | 1 217 | 1 443 | 1 693 | 1 943 | 2 243 | 2 593 | 2 993 | 3 443 | 3 943 | 4 443 | 5 043 | 5 693 |
| **1,12** | 250 | 280 | 584 | 704 | 834 | 984 | 1 159 | 1 359 | 1 584 | 1 834 | 2 084 | 2 384 | 2 734 | 3 134 | 3 584 | 4 084 | 4 584 | 5 184 | 5 834 |
| **1,12** | 500 | 560 | – | – | – | – | 742 | 942 | 1 168 | 1 418 | 1 668 | 1 968 | 2 318 | 2 718 | 3 168 | 3 668 | 4 168 | 4 768 | 5 418 |
| **1,13** | 560 | 630 | – | – | – | – | – | 840 | 1 065 | 1 315 | 1 565 | 1 866 | 2 216 | 2 616 | 3 066 | 3 566 | 4 066 | 4 666 | 5 316 |
| **1,13** | 355 | 400 | – | 527 | 657 | 807 | 982 | 1 182 | 1 407 | 1 657 | 1 907 | 2 207 | 2 557 | 2 957 | 3 407 | 3 907 | 4 407 | 5 007 | 5 657 |
| **1,13** | 265 | 300 | 556 | 676 | 806 | 956 | 1 131 | 1 331 | 1 556 | 1 806 | 2 056 | 2 356 | 2 706 | 3 106 | 3 556 | 4 056 | 4 556 | 5 156 | 5 806 |
| **1,18** | 475 | 560 | – | – | – | 586 | 761 | 962 | 1 187 | 1 437 | 1 687 | 1 987 | 2 337 | 2 737 | 3 187 | 3 687 | 4 187 | 4 787 | 5 437 |
| **1,18** | 224 | 265 | 616 | 736 | 866 | 1 016 | 1 191 | 1 391 | 1 616 | 1 866 | 2 116 | 2 416 | 2 766 | 3 166 | 3 616 | 4 116 | 4 616 | 5 216 | 5 866 |
| **1,18** | 300 | 355 | 485 | 605 | 735 | 885 | 1 060 | 1 261 | 1 486 | 1 736 | 1 986 | 2 286 | 2 636 | 3 036 | 3 486 | 3 986 | 4 486 | 5 086 | 5 736 |
| **1,19** | 400 | 475 | – | – | 562 | 712 | 887 | 1 087 | 1 313 | 1 563 | 1 813 | 2 113 | 2 463 | 2 863 | 3 313 | 3 813 | 4 313 | 4 913 | 5 563 |
| **1,19** | 265 | 315 | 544 | 664 | 794 | 944 | 1 119 | 1 319 | 1 544 | 1 795 | 2 045 | 2 345 | 2 695 | 3 095 | 3 545 | 4 045 | 4 545 | 5 144 | 5 795 |
| **1,19** | 315 | 375 | 457 | 578 | 708 | 858 | 1 033 | 1 233 | 1 458 | 1 708 | 1 958 | 2 258 | 2 608 | 3 008 | 3 458 | 3 958 | 4 458 | 5 058 | 5 708 |
| **1,20** | 355 | 425 | – | 506 | 637 | 787 | 962 | 1 162 | 1 387 | 1 637 | 1 887 | 2 187 | 2 537 | 2 937 | 3 388 | 3 888 | 4 388 | 4 988 | 5 638 |
| **1,20** | 250 | 300 | 568 | 688 | 818 | 968 | 1 143 | 1 343 | 1 568 | 1 818 | 2 068 | 2 368 | 2 718 | 3 118 | 3 568 | 4 068 | 4 568 | 5 168 | 5 818 |
| **1,24** | 450 | 560 | – | – | – | 605 | 780 | 981 | 1 206 | 1 456 | 1 706 | 2 006 | 2 357 | 2 757 | 3 207 | 3 707 | 4 207 | 4 807 | 5 457 |
| **1,25** | 224 | 280 | 604 | 724 | 854 | 1 004 | 1 179 | 1 379 | 1 604 | 1 854 | 2 104 | 2 404 | 2 754 | 3 154 | 3 604 | 4 104 | 4 604 | 5 204 | 5 854 |
| **1,25** | 300 | 375 | 469 | 589 | 719 | 869 | 1 044 | 1 245 | 1 470 | 1 720 | 1 970 | 2 270 | 2 620 | 3 020 | 3 470 | 3 970 | 4 470 | 5 070 | 5 720 |
| **1,25** | 400 | 500 | – | – | 541 | 692 | 867 | 1 067 | 1 293 | 1 543 | 1 793 | 2 093 | 2 443 | 2 843 | 3 293 | 3 793 | 4 293 | 4 893 | 5 543 |
| **1,26** | 250 | 315 | 566 | 676 | 806 | 956 | 1 131 | 1 331 | 1 556 | 1 806 | 2 056 | 2 356 | 2 706 | 3 106 | 3 556 | 4 056 | 4 556 | 5 156 | 5 806 |
| **1,26** | 500 | 630 | – | – | – | – | 685 | 886 | 1 111 | 1 361 | 1 612 | 1 912 | 2 262 | 2 662 | 3 112 | 3 612 | 4 112 | 4 713 | 5 363 |
| **1,27** | 315 | 400 | 437 | 557 | 687 | 838 | 1 013 | 1 213 | 1 438 | 1 688 | 1 938 | 2 238 | 2 588 | 2 988 | 3 438 | 3 938 | 4 439 | 5 039 | 5 689 |
| **1,27** | 236 | 300 | 578 | 699 | 829 | 979 | 1 154 | 1 354 | 1 579 | 1 829 | 2 079 | 2 379 | 2 729 | 3 129 | 3 579 | 4 079 | 4 579 | 5 179 | 5 829 |
| **1,32** | 425 | 560 | – | – | – | 623 | 799 | 999 | 1 225 | 1 475 | 1 725 | 2 026 | 2 376 | 2 776 | 3 226 | 3 726 | 4 226 | 4 826 | 5 476 |
| **1,33** | 300 | 400 | 448 | 568 | 699 | 849 | 1 024 | 1 224 | 1 450 | 1 700 | 1 950 | 2 250 | 2 600 | 3 000 | 3 450 | 3 950 | 4 450 | 5 050 | 5 700 |
| **1,33** | 375 | 500 | – | – | 560 | 710 | 896 | 1 086 | 1 312 | 1 562 | 1 812 | 2 112 | 2 462 | 2 862 | 3 313 | 3 813 | 4 313 | 4 913 | 5 563 |
| **1,33** | 236 | 315 | 566 | 686 | 817 | 967 | 1 142 | 1 342 | 1 567 | 1 817 | 2 067 | 2 367 | 2 717 | 3 117 | 3 567 | 4 067 | 4 567 | 5 167 | 5 817 |
| **1,34** | 355 | 475 | – | – | 595 | 746 | 921 | 1 122 | 1 347 | 1 597 | 1 847 | 2 148 | 2 498 | 2 898 | 3 348 | 3 848 | 4 348 | 4 948 | 5 598 |
| **1,34** | 250 | 335 | 539 | 659 | 790 | 940 | 1 115 | 1 315 | 1 540 | 1 790 | 2 040 | 2 340 | 2 690 | 3 090 | 3 541 | 4 041 | 4 541 | 5 141 | 5 791 |
| **1,35** | 315 | 425 | – | 536 | 667 | 817 | 993 | 1 193 | 1 418 | 1 668 | 1 918 | 2 218 | 2 569 | 2 969 | 3 419 | 3 919 | 4 419 | 5 019 | 5 669 |
| **1,40** | 400 | 560 | – | – | – | 641 | 817 | 1 018 | 1 244 | 1 494 | 1 745 | 2 045 | 2 395 | 2 795 | 3 245 | 3 746 | 4 246 | 4 846 | 5 496 |
| **1,40** | 450 | 630 | – | – | – | – | 722 | 923 | 1 149 | 1 399 | 1 650 | 1 950 | 2 300 | 2 701 | 3 151 | 3 651 | 4 151 | 4 751 | 5 401 |
| **1,41** | 224 | 315 | 575 | 695 | 826 | 976 | 1 151 | 1 351 | 1 576 | 1 826 | 2 076 | 2 376 | 2 727 | 3 127 | 3 577 | 4 077 | 4 577 | 5 177 | 5 827 |
| **1,41** | 355 | 500 | – | – | 574 | 725 | 901 | 1 101 | 1 327 | 1 577 | 1 827 | 2 128 | 2 478 | 2 878 | 3 328 | 3 828 | 4 328 | 4 928 | 5 578 |
| **1,42** | 335 | 475 | – | 479 | 610 | 761 | 937 | 1 137 | 1 362 | 1 613 | 1 863 | 2 163 | 2 513 | 2 913 | 3 363 | 3 864 | 4 364 | 4 964 | 5 614 |
| **1,42** | 250 | 355 | 522 | 643 | 773 | 924 | 1 099 | 1 299 | 1 524 | 1 744 | 2 024 | 2 324 | 2 675 | 3 075 | 3 525 | 4 025 | 4 525 | 5 125 | 5 775 |
| **1,43** | 315 | 450 | – | 515 | 646 | 797 | 972 | 1 173 | 1 398 | 1 648 | 1 898 | 2 198 | 2 549 | 2 949 | 3 399 | 3 899 | 4 399 | 4 999 | 5 649 |
| **1,43** | 560 | 800 | – | – | – | – | – | – | 925 | 1 176 | 1 427 | 1 728 | 2 079 | 2 479 | 2 930 | 3 430 | 3 931 | 4 531 | 5 181 |
| **1,48** | 425 | 630 | – | – | – | – | 740 | 941 | 1 167 | 1 418 | 1 669 | 1 969 | 2 320 | 2 720 | 3 170 | 3 670 | 4 171 | 4 771 | 5 421 |
| **1,49** | 335 | 500 | – | – | 589 | 740 | 916 | 1 116 | 1 342 | 1 592 | 1 843 | 2 143 | 2 493 | 2 893 | 3 344 | 3 844 | 4 344 | 4 944 | 5 594 |
| **1,49** | 375 | 560 | – | – | – | 660 | 836 | 1 037 | 1 263 | 1 513 | 1 764 | 2 064 | 2 414 | 2 815 | 3 265 | 3 765 | 4 265 | 4 865 | 5 515 |
| **1,50** | 250 | 375 | 506 | 626 | 757 | 907 | 1 083 | 1 283 | 1 508 | 1 758 | 2 008 | 2 309 | 2 659 | 3 059 | 3 509 | 4 009 | 4 509 | 5 109 | 5 759 |
| **1,50** | 300 | 450 | – | 526 | 657 | 808 | 983 | 1 184 | 1 409 | 1 660 | 1 910 | 2 210 | 2 560 | 2 960 | 3 410 | 3 911 | 4 411 | 5 011 | 5 611 |
| **1,51** | 315 | 475 | – | 493 | 625 | 776 | 951 | 1 152 | 1 378 | 1 628 | 1 878 | 2 178 | 2 529 | 2 929 | 3 379 | 3 879 | 4 379 | 4 979 | 5 629 |
| **1,51** | 530 | 800 | – | – | – | – | – | – | 946 | 1 198 | 1 450 | 1 751 | 2 102 | 2 502 | 2 953 | 3 453 | 3 954 | 4 554 | 5 204 |
| **1,52** | 280 | 425 | 441 | 562 | 693 | 843 | 1 019 | 1 219 | 1 445 | 1 695 | 1 945 | 2 245 | 2 596 | 2 996 | 3 446 | 3 946 | 4 446 | 5 046 | 5 696 |
| **1,58** | 400 | 630 | – | – | – | 580 | 758 | 960 | 1 186 | 1 437 | 1 688 | 1 988 | 2 339 | 2 739 | 3 189 | 3 690 | 4 190 | 4 790 | 5 440 |
| **1,59** | 315 | 500 | – | 471 | 603 | 755 | 931 | 1 131 | 1 357 | 1 608 | 1 858 | 2 158 | 2 509 | 2 909 | 3 359 | 3 859 | 4 358 | 4 959 | 5 609 |
| **1,59** | 236 | 375 | 516 | 637 | 767 | 918 | 1093 | 1293 | 1519 | 1769 | 2019 | 2319 | 2669 | 3079 | 3520 | 4020 | 4520 | 5120 | 5770 |
| **1,60** | 250 | 400 | 484 | 605 | 736 | 887 | 1062 | 1263 | 1488 | 1738 | 1988 | 2289 | 2639 | 3039 | 3489 | 3989 | 4489 | 5089 | 5739 |
| **1,60** | 500 | 800 | – | – | – | – | – | 739 | 968 | 1220 | 1472 | 1773 | 2124 | 2525 | 2976 | 3476 | 3977 | 4577 | 5227 |
| **1,61** | 280 | 450 | – | 540 | 672 | 823 | 998 | 1199 | 1424 | 1675 | 1925 | 2225 | 2576 | 2976 | 3426 | 3926 | 4426 | 5026 | 5676 |
| **1,67** | 335 | 560 | – | – | 536 | 688 | 865 | 1066 | 1293 | 1543 | 1794 | 2094 | 2445 | 2845 | 3296 | 3796 | 4296 | 4896 | 5546 |
| **1,67** | 224 | 375 | 524 | 645 | 776 | 927 | 1102 | 1303 | 1528 | 1778 | 2028 | 2329 | 2679 | 3079 | 3529 | 4029 | 4529 | 5129 | 5779 |
| **1,68** | 375 | 630 | – | – | – | 597 | 776 | 978 | 1204 | 1455 | 1706 | 2007 | 2358 | 2758 | 3209 | 3709 | 4209 | 4809 | 5460 |
| **1,68** | 315 | 530 | – | – | 577 | 729 | 905 | 1 106 | 1 332 | 1 583 | 1 834 | 2 134 | 2 484 | 2 885 | 3 335 | 3 835 | 4 335 | 4 936 | 5 586 |
| **1,69** | 236 | 400 | 494 | 615 | 746 | 897 | 1 073 | 1 273 | 1 498 | 1 749 | 1 999 | 2 299 | 2 649 | 3 050 | 3 500 | 4 000 | 4 500 | 5 100 | 5 750 |
| **1,70** | 280 | 475 | – | 518 | 650 | 801 | 977 | 1 178 | 1 404 | 1 654 | 1 905 | 2 205 | 2 555 | 2 956 | 3 406 | 3 906 | 4 406 | 5 006 | 5 656 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.

Table 4h

| Speed ratio | Datum diameter of pulleys | | Belt length | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 2 000 | 2 240 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 | 5 600 | 6 300 | 7 100 | 8 000 | 9 000 | 10 000 | 11 200 | 12 500 |
| – | mm | | mm | | | | | | | | | | | | | | | | |
| **1,70** | 250 | 425 | 462 | 584 | 715 | 866 | 1 041 | 1 242 | 1 468 | 1 718 | 1 968 | 2 268 | 2 619 | 3 019 | 3 469 | 3 969 | 4 469 | 5 069 | 5 716 |
| **1,77** | 300 | 530 | – | – | 587 | 740 | 916 | 1 118 | 1 344 | 1 594 | 1 845 | 2 145 | 2 496 | 2 896 | 3 346 | 3 847 | 4 347 | 4 947 | 5 597 |
| **1,77** | 355 | 630 | – | – | – | 611 | 790 | 992 | 1 219 | 1 470 | 1 721 | 2 022 | 2 373 | 2 773 | 3 224 | 3 724 | 4 225 | 4 825 | 5 475 |
| **1,78** | 315 | 560 | – | – | 549 | 702 | 880 | 1 081 | 1 307 | 1 558 | 1 809 | 2 110 | 2 460 | 2 861 | 3 311 | 3 811 | 4 311 | 4 912 | 5 562 |
| **1,78** | 450 | 800 | – | – | – | – | – | 774 | 1 003 | 1 257 | 1 509 | 1 810 | 2 162 | 2 563 | 3 014 | 3 514 | 4 015 | 4 615 | 5 266 |
| **1,79** | 280 | 500 | – | 495 | 628 | 780 | 956 | 1 157 | 1 383 | 1 634 | 1 884 | 2 185 | 2 535 | 2 936 | 3 386 | 3 886 | 4 386 | 4 986 | 5 637 |
| **1,79** | 560 | 1 000 | – | – | – | – | – | – | – | 1 001 | 1 256 | 1 560 | 1 913 | 2 315 | 2 767 | 3 268 | 3 769 | 4 370 | 5 021 |
| **1,80** | 250 | 450 | 439 | 562 | 693 | 845 | 1 021 | 1 221 | 1 447 | 1 698 | 1 948 | 2 248 | 2 599 | 2 999 | 3 449 | 3 949 | 4 449 | 5 050 | 5 700 |
| **1,80** | 236 | 426 | 472 | 594 | 725 | 876 | 1 052 | 1 253 | 1 478 | 1 729 | 1 979 | 2 279 | 2 629 | 3 030 | 3 480 | 3 980 | 4 480 | 5 080 | 5 730 |
| **1,87** | 300 | 560 | – | – | 560 | 713 | 890 | 1 092 | 1 318 | 1 570 | 1 820 | 2 121 | 2 471 | 2 872 | 3 322 | 3 823 | 4 323 | 4 923 | 5 573 |
| **1,88** | 335 | 630 | – | – | – | 625 | 804 | 1 007 | 1 234 | 1 485 | 1 736 | 2 037 | 2 388 | 2 789 | 3 239 | 3 740 | 4 240 | 4 840 | 5 490 |
| **1,88** | 425 | 800 | – | – | – | – | – | 791 | 1 021 | 1 275 | 1 527 | 1 829 | 2 180 | 2 582 | 3 033 | 3 533 | 4 034 | 4 035 | 5 285 |
| **1,89** | 280 | 530 | – | 467 | 601 | 754 | 931 | 1 132 | 1 358 | 1 609 | 1 860 | 2 161 | 2 511 | 2 911 | 3 362 | 3 862 | 4 362 | 4 963 | 5 613 |
| **1,90** | 250 | 475 | – | 539 | 671 | 823 | 1 000 | 1 201 | 1 426 | 1 677 | 1 928 | 2 228 | 2 578 | 2 979 | 3 429 | 3 929 | 4 429 | 5 030 | 5 680 |
| **1,91** | 236 | 450 | 449 | 571 | 703 | 855 | 1 031 | 1 232 | 1 458 | 1 708 | 1 959 | 2 259 | 2 609 | 3 010 | 3 460 | 3 960 | 4 460 | 5 060 | 5 710 |
| **2,00** | 265 | 530 | – | 478 | 612 | 764 | 942 | 1 143 | 1 370 | 1 621 | 1 891 | 2 172 | 2 523 | 2 923 | 3 373 | 3 874 | 4 374 | 4 974 | 5 624 |
| **2,00** | 315 | 630 | – | – | – | 639 | 818 | 1 021 | 1 248 | 1 500 | 1 751 | 2 052 | 2 403 | 2 804 | 3 254 | 3 755 | 4 255 | 4 856 | 5 506 |
| **2,00** | 500 | 1 000 | – | – | – | – | – | – | – | 1 043 | 1 298 | 1 603 | 1 957 | 2 359 | 2 811 | 3 313 | 3 814 | 4 415 | 5 066 |
| **2,01** | 236 | 475 | 425 | 549 | 681 | 833 | 1 010 | 1 211 | 1 437 | 1 688 | 1 938 | 2 239 | 2 589 | 2 989 | 3 440 | 3 940 | 4 440 | 5 040 | 5 691 |
| **2,10** | 300 | 630 | – | – | – | 649 | 829 | 1 032 | 1 259 | 1 511 | 1 762 | 2 063 | 2 414 | 2 815 | 3 266 | 3 766 | 4 267 | 4 867 | 5 517 |
| **2,11** | 475 | 1 000 | – | – | – | – | – | – | – | 1 060 | 1 316 | 1 621 | 1 975 | 2 378 | 2 830 | 3 332 | 3 833 | 4 434 | 5 085 |
| **2,11** | 265 | 560 | – | – | 584 | 738 | 915 | 1 118 | 1 344 | 1 596 | 1 846 | 2 147 | 2 498 | 2 899 | 3 349 | 3 850 | 4 350 | 4 950 | 5 600 |
| **2,12** | 250 | 530 | – | 488 | 622 | 775 | 952 | 1 154 | 1 381 | 1 632 | 1 882 | 2 183 | 2 534 | 2 934 | 3 385 | 3 885 | 4 385 | 4 986 | 5 636 |
| **2,12** | 224 | 475 | 433 | 557 | 690 | 842 | 1 019 | 1 220 | 1 446 | 1 697 | 1 947 | 2 248 | 2 598 | 2 999 | 3 449 | 3 949 | 4 450 | 5 050 | 5 700 |
| **2,13** | 375 | 800 | – | – | – | – | – | 825 | 1 056 | 1 310 | 1 563 | 1 866 | 2 217 | 2 619 | 3 070 | 3 571 | 4 072 | 4 673 | 5 323 |
| **2,22** | 450 | 1 000 | – | – | – | – | – | – | 815 | 1 077 | 1 333 | 1 639 | 1 993 | 2 396 | 2 848 | 3 350 | 3 852 | 4 453 | 5 104 |
| **2,23** | 224 | 500 | – | 534 | 667 | 820 | 997 | 1 199 | 1 425 | 1 676 | 1 927 | 2 227 | 2 578 | 2 978 | 3 429 | 3 929 | 4 430 | 5 030 | 5 680 |
| **2,23** | 560 | 1 250 | – | – | – | – | – | – | – | – | 1 021 | 1 335 | 1 694 | 2 101 | 2 556 | 3 060 | 3 562 | 4 165 | 4 817 |
| **2,24** | 250 | 560 | – | – | 594 | 748 | 926 | 1 129 | 1 355 | 1 607 | 1 858 | 2 159 | 2 509 | 2 910 | 3 361 | 3 861 | 4 361 | 4 962 | 5 612 |
| **2,25** | 280 | 630 | – | – | – | 663 | 842 | 1 046 | 1 274 | 1 526 | 1 777 | 2 078 | 2 429 | 2 830 | 3 281 | 3 782 | 4 282 | 4 883 | 5 533 |
| **2,25** | 355 | 800 | – | – | – | – | – | 839 | 1 070 | 1 325 | 1 578 | 1 880 | 2 232 | 2 634 | 3 085 | 3 586 | 4 087 | 4 688 | 5 339 |
| **2,35** | 425 | 1 000 | – | – | – | – | – | – | 832 | 1 094 | 1 351 | 1 656 | 2 011 | 2 414 | 2 867 | 3 369 | 3 871 | 4 472 | 5 123 |
| **2,36** | 530 | 1 250 | – | – | – | – | – | – | – | – | 1 040 | 1 355 | 1 715 | 2 122 | 2 578 | 3 082 | 3 585 | 4 187 | 4 839 |
| **2,37** | 236 | 560 | – | 467 | 603 | 758 | 936 | 1 139 | 1 366 | 1 617 | 1 868 | 2 169 | 2 520 | 2 921 | 3 371 | 3 872 | 4 372 | 4 973 | 5 623 |
| **2,38** | 265 | 630 | – | – | 515 | 673 | 853 | 1 057 | 1 284 | 1 537 | 1 788 | 2 089 | 2 441 | 2 842 | 3 292 | 3 793 | 4 294 | 4 894 | 5 544 |
| **2,39** | 335 | 800 | – | – | – | – | 642 | 852 | 1 084 | 1 339 | 1 592 | 1 895 | 2 247 | 2 649 | 3 100 | 3 602 | 4 102 | 4 703 | 5 354 |
| **2,50** | 224 | 560 | – | 475 | 611 | 766 | 945 | 1 147 | 1 374 | 1 626 | 1 877 | 2 178 | 2 529 | 2 930 | 3 380 | 3 881 | 4 381 | 4 982 | 5 632 |
| **2,50** | 500 | 1 250 | – | – | – | – | – | – | – | – | 1 060 | 1 375 | 1 736 | 2 143 | 2 599 | 3 104 | 3 607 | 4 210 | 4 862 |
| **2,52** | 250 | 630 | – | – | 525 | 683 | 863 | 1 067 | 1 295 | 1 548 | 1 799 | 2 101 | 2 452 | 2 853 | 3 304 | 3 804 | 4 305 | 4 906 | 5 556 |
| **2,54** | 315 | 800 | – | – | – | – | 655 | 866 | 1 098 | 1 353 | 1 606 | 1 909 | 2 262 | 2 664 | 3 115 | 3 617 | 4 118 | 4 718 | 5 369 |
| **2,63** | 475 | 1 250 | – | – | – | – | – | – | – | – | 1 076 | 1 392 | 1 753 | 2 161 | 2 617 | 3 122 | 3 625 | 4 228 | 4 880 |
| **2,67** | 375 | 1 000 | – | – | – | – | – | – | 864 | 1 127 | 1 385 | 1 692 | 2 047 | 2 451 | 2 904 | 3 406 | 3 908 | 4 510 | 5 161 |
| **2,67** | 236 | 630 | – | – | 534 | 692 | 873 | 1 077 | 1 305 | 1 558 | 1 809 | 2 111 | 2 462 | 2 863 | 3 314 | 3 815 | 4 316 | 4 916 | 5 567 |
| **2,78** | 450 | 1 250 | – | – | – | – | – | – | – | – | 1 092 | 1 409 | 1 770 | 2 179 | 2 635 | 3 140 | 3 644 | 4 247 | 4 899 |
| **2,81** | 224 | 630 | – | – | 542 | 700 | 881 | 1 086 | 1 314 | 1 566 | 1 818 | 2 120 | 2 471 | 2 872 | 3 323 | 3 824 | 4 325 | 4 925 | 5 576 |
| **2,82** | 355 | 1 000 | – | – | – | – | – | – | 877 | 1 141 | 1 399 | 1 706 | 2 061 | 2 465 | 2 919 | 3 421 | 3 923 | 4 525 | 5 176 |
| **2,86** | 280 | 800 | – | – | – | – | 677 | 889 | 1 122 | 1 378 | 1 631 | 1 935 | 2 287 | 2 690 | 3 141 | 3 643 | 4 144 | 4 745 | 5 396 |
| **2,94** | 425 | 1 250 | – | – | – | – | – | – | – | – | 1 108 | 1 425 | 1 788 | 2 196 | 2 653 | 3 158 | 3 662 | 4 265 | 4 918 |
| **2,99** | 335 | 1 000 | – | – | – | – | – | – | 890 | 1 154 | 1 413 | 1 720 | 2 075 | 2 480 | 2 933 | 3 436 | 3 938 | 4 540 | 5 191 |
| **3,02** | 265 | 800 | – | – | – | – | 687 | 899 | 1 132 | 1 388 | 1 642 | 1 946 | 2 298 | 2 701 | 3 153 | 3 654 | 4 155 | 4 756 | 5 407 |
| **3,13** | 400 | 1 250 | – | – | – | – | – | – | – | – | 1 124 | 1 442 | 1 805 | 2 214 | 2 671 | 3 176 | 3 680 | 4 284 | 4 936 |
| **3,17** | 315 | 1 000 | – | – | – | – | – | – | 903 | 1 167 | 1 427 | 1 734 | 2 090 | 2 494 | 2 948 | 3 451 | 3 953 | 4 555 | 5 206 |
| **3,20** | 250 | 800 | – | – | – | – | 696 | 909 | 1 143 | 1 399 | 1 653 | 1 956 | 2 309 | 2 712 | 3 164 | 3 665 | 4 167 | 4 768 | 5 419 |
| **3,33** | 300 | 1 000 | – | – | – | – | – | – | 912 | 1 177 | 1 437 | 1 744 | 2 100 | 2 505 | 2 959 | 3 462 | 3 964 | 4 566 | 5 218 |
| **3,39** | 236 | 800 | – | – | – | – | 705 | 918 | 1 152 | 1 409 | 1 663 | 1 967 | 2 320 | 2 722 | 3 174 | 3 676 | 4 177 | 4 778 | 5 429 |
| **3,52** | 355 | 1 250 | – | – | – | – | – | – | – | 876 | 1 153 | 1 472 | 1 836 | 2 245 | 2 703 | 3 209 | 3 713 | 4 317 | 4 970 |
| **3,57** | 224 | 800 | – | – | – | 516 | 713 | 926 | 1 160 | 1 417 | 1 671 | 1 975 | 2 328 | 2 731 | 3 183 | 3 685 | 4 186 | 4 787 | 5 439 |
| **3,73** | 335 | 1 250 | – | – | – | – | – | – | – | 888 | 1 166 | 1 485 | 1 849 | 2 259 | 2 717 | 3 223 | 3 728 | 4 332 | 4 985 |
| **3,77** | 265 | 1 000 | – | – | – | – | – | – | 935 | 1 201 | 1 461 | 1 769 | 2 125 | 2 530 | 2 984 | 3 488 | 3 990 | 4 592 | 5 244 |
| **3,97** | 315 | 1 250 | – | – | – | – | – | – | – | 900 | 1 179 | 1 499 | 1 863 | 2 273 | 2 731 | 3 238 | 3 742 | 4 346 | 5 000 |
| **4,00** | 250 | 1 000 | – | – | – | – | – | – | 944 | 1 211 | 1 471 | 1 779 | 2 136 | 2 541 | 2 995 | 3 499 | 4 001 | 4 603 | 5 255 |
| **4,17** | 300 | 1 250 | – | – | – | – | – | – | – | 909 | 1 188 | 1 508 | 1 873 | 2 284 | 2 742 | 3 249 | 3 753 | 4 357 | 5 011 |
| **4,24** | 236 | 1 000 | – | – | – | – | – | – | 953 | 1 220 | 1 480 | 1 789 | 2 146 | 2 551 | 3 005 | 3 509 | 4 012 | 4 612 | 5 266 |
| **4,46** | 280 | 1 250 | – | – | – | – | – | – | – | 921 | 1 201 | 1 522 | 1 887 | 2 298 | 2 756 | 3 263 | 3 768 | 4 372 | 5 026 |
| **4,72** | 265 | 1 250 | – | – | – | – | – | – | – | 930 | 1 211 | 1 532 | 1 897 | 2 308 | 2 767 | 3 274 | 3 776 | 4 383 | 5 037 |
| **5,00** | 250 | 1 250 | – | – | – | – | – | – | – | 939 | 1 220 | 1 541 | 1 907 | 2 319 | 2 777 | 3 284 | 3 790 | 4 394 | 5 048 |
| **5,30** | 236 | 1 250 | – | – | – | – | – | – | – | 948 | 1 229 | 1 551 | 1 916 | 2 328 | 2 787 | 3 294 | 3 800 | 4 404 | 5 058 |
| **5,58** | 224 | 1 250 | – | – | – | – | – | – | – | 955 | 1 236 | 1 558 | 1 925 | 2 337 | 2 796 | 3 303 | 3 808 | 4 413 | 5 067 |

SKF Cogged Raw Edge Wedge Belts are available up to 3 550 mm length only.

# Centre distances
## Section 5V/5V-XP/5VX

**Table 4i**

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,00** | *4,40 | *4,40 | 625 | 726 | 841 | 968 | 1 095 | 1 412 | 1 603 | 1 984 | 2 365 | – | – | – |
| **1,00** | *4,65 | *4,65 | 615 | 716 | 831 | 958 | 1 085 | 1 402 | 1 593 | 1 974 | 2 355 | – | – | – |
| **1,00** | *4,90 | *4,90 | 605 | 706 | 820 | 947 | 1 074 | 1 392 | 1 582 | 1 963 | 2 344 | – | – | – |
| **1,00** | *5,20 | *5,20 | 592 | 693 | 808 | 935 | 1 062 | 1 379 | 1 570 | 1 951 | 2 332 | – | – | – |
| **1,00** | *5,50 | *5,50 | 582 | 683 | 798 | 925 | 1 052 | 1 369 | 1 560 | 1 941 | 2 322 | – | – | – |
| **1,00** | *5,90 | *5,90 | 564 | 665 | 780 | 907 | 1 034 | 1 351 | 1 542 | 1 923 | 2 304 | – | – | – |
| **1,00** | *6,30 | *6,30 | 549 | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | – | – | – |
| **1,00** | *6,70 | *6,70 | 533 | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | – | – | – |
| **1,00** | 7,10 | 7,10 | 516 | 617 | 732 | 859 | 986 | 1 303 | 1 494 | 1 875 | 2 256 | 2 560 | 2 891 | 3 526 |
| **1,00** | 7,50 | 7,50 | 500 | 602 | 716 | 843 | 970 | 1 288 | 1 478 | 1 859 | 2 240 | 2 545 | 2 875 | 3 510 |
| **1,00** | 8,00 | 8,00 | 480 | 582 | 696 | 823 | 950 | 1 267 | 1 458 | 1 839 | 2 220 | 2 525 | 2 855 | 3 490 |
| **1,00** | 8,50 | 8,50 | 460 | 561 | 676 | 803 | 930 | 1 247 | 1 438 | 1 819 | 2 200 | 2 504 | 2 835 | 3 470 |
| **1,00** | 9,00 | 9,00 | 442 | 544 | 658 | 785 | 912 | 1 229 | 1 420 | 1 801 | 2 182 | 2 487 | 2 817 | 3 452 |
| **1,00** | 9,25 | 9,25 | 432 | 533 | 648 | 775 | 902 | 1 219 | 1 410 | 1 791 | 2 172 | 2 477 | 2 807 | 3 442 |
| **1,00** | 9,75 | 9,75 | 411 | 513 | 627 | 754 | 881 | 1 199 | 1 389 | 1 770 | 2 151 | 2 456 | 2 786 | 3 421 |
| **1,00** | 10,30 | 10,30 | 389 | 490 | 605 | 732 | 859 | 1 176 | 1 367 | 1 748 | 2 129 | 2 433 | 2 764 | 3 399 |
| **1,00** | 10,90 | 10,90 | 366 | 467 | 582 | 709 | 836 | 1 153 | 1 344 | 1 725 | 2 106 | 2 410 | 2 741 | 3 376 |
| **1,00** | 11,30 | 11,30 | 351 | 452 | 566 | 693 | 820 | 1 138 | 1 328 | 1 709 | 2 090 | 2 395 | 2 725 | 3 360 |
| **1,00** | 11,80 | 11,80 | 330 | 432 | 546 | 673 | 800 | 1 118 | 1 308 | 1 689 | 2 070 | 2 375 | 2 705 | 3 340 |
| **1,00** | 12,50 | 12,50 | – | 404 | 518 | 645 | 772 | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| **1,00** | 13,20 | 13,20 | – | 376 | 490 | 617 | 744 | 1 062 | 1 252 | 1 633 | 2 014 | 2 319 | 2 649 | 3 284 |
| **1,00** | 14,00 | 14,00 | – | – | 457 | 584 | 711 | 1 029 | 1 219 | 1 600 | 1 981 | 2 286 | 2 616 | 3 251 |
| **1,00** | 15,00 | 15,00 | – | – | 417 | 544 | 671 | 988 | 1 179 | 1 560 | 1 941 | 2 245 | 2 576 | 3 211 |
| **1,00** | 16,00 | 16,00 | – | – | – | 505 | 632 | 950 | 1 140 | 1 521 | 1 902 | 2 207 | 2 537 | 3 172 |
| **1,03** | 9,00 | 9,25 | 437 | 538 | 653 | 780 | 907 | 1 224 | 1 415 | 1 796 | 2 177 | 2 482 | 2 812 | 3 447 |
| **1,04** | 10,90 | 11,30 | 358 | 460 | 574 | 701 | 828 | 1 146 | 1 336 | 1 717 | 2 098 | 2 403 | 2 733 | 3 368 |
| **1,04** | 11,30 | 11,80 | 340 | 442 | 556 | 683 | 810 | 1 128 | 1 318 | 1 699 | 2 080 | 2 385 | 2 715 | 3 350 |
| **1,05** | *4,65 | *4,90 | 610 | 711 | 826 | 953 | 1 080 | 1 397 | 1 588 | 1 969 | 2 350 | – | – | – |
| **1,05** | 9,25 | 9,75 | 422 | 523 | 638 | 765 | 892 | 1 209 | 1 400 | 1 781 | 2 162 | 2 466 | 2 797 | 3 432 |
| **1,06** | *4,40 | *4,65 | 620 | 721 | 836 | 963 | 1 090 | 1 407 | 1 598 | 1 979 | 2 360 | – | – | – |
| **1,06** | *4,90 | *5,20 | 599 | 701 | 815 | 942 | 1 069 | 1 387 | 1 577 | 1 958 | 2 339 | – | – | – |
| **1,06** | *5,20 | *5,50 | 587 | 688 | 803 | 930 | 1 057 | 1 374 | 1 565 | 1 946 | 2 327 | – | – | – |
| **1,06** | *6,30 | *6,70 | 541 | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | – | – | – |
| **1,06** | *6,70 | 7,10 | 526 | 627 | 742 | 869 | 996 | 1 313 | 1 504 | 1 885 | 2 266 | – | – | – |
| **1,06** | 7,10 | 7,50 | 508 | 610 | 724 | 851 | 978 | 1 295 | 1 486 | 1 867 | 2 248 | 2 553 | 2 883 | 3 518 |
| **1,06** | 8,00 | 8,50 | 470 | 572 | 686 | 813 | 940 | 1 257 | 1 448 | 1 829 | 2 210 | 2 515 | 2 845 | 3 480 |
| **1,06** | 8,50 | 9,00 | 452 | 554 | 668 | 795 | 922 | 1 240 | 1 430 | 1 811 | 2 192 | 2 497 | 2 827 | 3 462 |
| **1,06** | 9,75 | 10,30 | 401 | 503 | 617 | 744 | 871 | 1 189 | 1 379 | 1 760 | 2 141 | 2 446 | 2 776 | 3 411 |
| **1,06** | 10,30 | 10,90 | 376 | 478 | 592 | 719 | 846 | 1 163 | 1 354 | 1 735 | 2 116 | 2 421 | 2 751 | 3 386 |
| **1,06** | 11,80 | 12,50 | – | 417 | 531 | 658 | 785 | 1 102 | 1 293 | 1 674 | 2 055 | 2 360 | 2 690 | 3 325 |
| **1,06** | 12,50 | 13,20 | – | 389 | 503 | 630 | 757 | 1 074 | 1 265 | 1 646 | 2 027 | 2 332 | 2 662 | 3 297 |
| **1,06** | 13,20 | 14,00 | – | – | 472 | 599 | 726 | 1 044 | 1 234 | 1 615 | 1 996 | 2 301 | 2 631 | 3 266 |
| **1,07** | *5,50 | *5,90 | 572 | 673 | 787 | 914 | 1 041 | 1 359 | 1 549 | 1 930 | 2 311 | – | – | – |
| **1,07** | *5,90 | *6,30 | 556 | 658 | 772 | 899 | 1 026 | 1 344 | 1 534 | 1 915 | 2 296 | – | – | – |
| **1,07** | 7,50 | 8,00 | 490 | 592 | 706 | 833 | 960 | 1 278 | 1 468 | 1 849 | 2 230 | 2 535 | 2 865 | 3 500 |
| **1,07** | 14,00 | 15,00 | – | – | 437 | 564 | 691 | 1 008 | 1 199 | 1 580 | 1 961 | 2 266 | 2 596 | 3 231 |
| **1,07** | 15,00 | 16,00 | – | – | – | 523 | 650 | 968 | 1 158 | 1 542 | 1 923 | 2 228 | 2 558 | 3 193 |
| **1,08** | 9,00 | 9,75 | 427 | 528 | 643 | 770 | 897 | 1 214 | 1 405 | 1 786 | 2 167 | 2 471 | 2 802 | 3 437 |
| **1,08** | 10,90 | 11,80 | 348 | 450 | 564 | 691 | 818 | 1 135 | 1 326 | 1 707 | 2 088 | 2 393 | 2 723 | 3 358 |
| **1,09** | 8,50 | 9,25 | 447 | 549 | 663 | 790 | 917 | 1 234 | 1 425 | 1 806 | 2 187 | 2 492 | 2 822 | 3 457 |
| **1,10** | 10,30 | 11,30 | 368 | 470 | 584 | 711 | 838 | 1 156 | 1 346 | 1 727 | 2 108 | 2 413 | 2 743 | 3 378 |
| **1,11** | 9,25 | 10,30 | 409 | 511 | 625 | 752 | 879 | 1 196 | 1 387 | 1 768 | 2 149 | 2 454 | 2 784 | 3 419 |
| **1,11** | 11,30 | 12,50 | – | 427 | 541 | 668 | 795 | 1 113 | 1 303 | 1 684 | 2 065 | 2 370 | 2 700 | 3 335 |
| **1,12** | *4,40 | *4,90 | 615 | 716 | 831 | 958 | 1 085 | 1 402 | 1 593 | 1 974 | 2 355 | – | – | – |
| **1,12** | *4,65 | *5,20 | 605 | 706 | 820 | 947 | 1 074 | 1 392 | 1 582 | 1 963 | 2 344 | – | – | – |
| **1,12** | *6,70 | 7,50 | 516 | 617 | 732 | 859 | 986 | 1 303 | 1 494 | 1 875 | 2 256 | – | – | – |
| **1,12** | 9,75 | 10,90 | 389 | 490 | 605 | 732 | 859 | 1 176 | 1 367 | 1 748 | 2 129 | 2 433 | 2 764 | 3 399 |
| **1,12** | 11,80 | 13,20 | – | 401 | 518 | 645 | 772 | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| **1,12** | 12,50 | 14,00 | – | 373 | 488 | 615 | 742 | 1 059 | 1 250 | 1 631 | 2 012 | 2 316 | 2 647 | 3 282 |
| **1,13** | *4,90 | *5,50 | 592 | 693 | 808 | 935 | 1 062 | 1 379 | 1 570 | 1 951 | 2 332 | – | – | – |
| **1,13** | *6,30 | 7,10 | 533 | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | – | – | – |
| **1,13** | 7,10 | 8,00 | 498 | 599 | 714 | 841 | 968 | 1 285 | 1 476 | 1 857 | 2 238 | 2 543 | 2 873 | 3 508 |
| **1,13** | 8,00 | 9,00 | 460 | 561 | 676 | 803 | 930 | 1 247 | 1 438 | 1 819 | 2 200 | 2 504 | 2 835 | 3 470 |
| **1,14** | *5.20 | *5.90 | 579 | 681 | 795 | 922 | 1 049 | 1 367 | 1 557 | 1 938 | 2 319 | – | – | – |
| **1,14** | *5.90 | *6.70 | 549 | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | – | – | – |
| **1,14** | 7,50 | 8,50 | 480 | 582 | 696 | 823 | 950 | 1 267 | 1 458 | 1 839 | 2 220 | 2 525 | 2 855 | 3 490 |
| **1,14** | 13,20 | 15,00 | – | – | 452 | 579 | 706 | 1 024 | 1 214 | 1 595 | 1 976 | 2 281 | 2 611 | 3 246 |
| **1,14** | 14,00 | 16,00 | – | – | 417 | 544 | 671 | 988 | 1 179 | 1 560 | 1 941 | 2 245 | 2 576 | 3 211 |
| **1,15** | *5.50 | *6.30 | 564 | 665 | 780 | 907 | 1 034 | 1 351 | 1 542 | 1 923 | 2 304 | – | – | – |
| **1,15** | 8,50 | 9,75 | 437 | 538 | 653 | 780 | 907 | 1 224 | 1 415 | 1 796 | 2 177 | 2 482 | 2 812 | 3 447 |
| **1,15** | 9,00 | 10,30 | 414 | 516 | 630 | 757 | 884 | 1 201 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| **1,15** | 10,30 | 11,80 | 358 | 460 | 574 | 701 | 828 | 1 146 | 1 336 | 1 717 | 2 098 | 2 403 | 2 733 | 3 368 |
| **1,15** | 10,90 | 12,50 | 333 | 434 | 549 | 676 | 803 | 1 120 | 1 311 | 1 692 | 2 073 | 2 377 | 2 708 | 3 343 |
| **1,16** | 8,00 | 9,25 | 455 | 556 | 671 | 798 | 925 | 1 242 | 1 433 | 1 814 | 2 195 | 2 499 | 2 832 | 3 467 |
| **1,16** | 9,75 | 11,30 | 378 | 483 | 597 | 724 | 851 | 1 168 | 1 359 | 1 740 | 2 121 | 2 426 | 2 756 | 3 391 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section 5V/5V-XP/5VX

**Table 4j**

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,17** | 11,30 | 13,20 | – | 411 | 526 | 653 | 780 | 1 097 | 1 288 | 1 671 | 2 052 | 2 357 | 2 687 | 3 322 |
| **1,17** | 16,00 | 18,70 | – | – | – | – | 577 | 894 | 1 085 | 1 466 | 1 847 | 2 151 | 2 482 | 3 117 |
| **1,18** | 9,25 | 10,90 | 399 | 500 | 615 | 742 | 869 | 1 186 | 1 377 | 1 758 | 2 139 | 2 443 | 2 774 | 3 409 |
| **1,19** | *4.40 | *5.20 | 610 | 711 | 826 | 953 | 1 080 | 1 397 | 1 588 | 1 969 | 2 350 | – | – | – |
| **1,19** | *4.65 | *5.50 | 597 | 699 | 813 | 940 | 1 067 | 1 384 | 1 575 | 1 956 | 2 337 | – | – | – |
| **1,19** | *6.30 | 7,50 | 526 | 627 | 742 | 869 | 996 | 1 313 | 1 504 | 1 885 | 2 266 | – | – | – |
| **1,19** | 11,80 | 14,00 | – | 386 | 500 | 627 | 754 | 1 072 | 1 262 | 1 643 | 2 024 | 2 329 | 2 659 | 3 294 |
| **1,20** | *6.70 | 8,00 | 505 | 607 | 721 | 848 | 975 | 1 295 | 1 486 | 1 867 | 2 248 | – | – | – |
| **1,20** | 7,10 | 8,50 | 488 | 589 | 704 | 831 | 958 | 1 275 | 1 466 | 1 847 | 2 228 | 2 532 | 2 863 | 3 498 |
| **1,20** | 7,50 | 9,00 | 470 | 572 | 686 | 813 | 940 | 1 257 | 1 448 | 1 829 | 2 210 | 2 515 | 2 845 | 3 480 |
| **1,20** | 12,50 | 15,00 | – | – | 467 | 594 | 721 | 1 039 | 1 229 | 1 610 | 1 991 | 2 296 | 2 626 | 3 261 |
| **1,21** | *4.90 | *5.90 | 584 | 686 | 800 | 927 | 1 054 | 1 372 | 1 562 | 1 943 | 2 324 | – | – | – |
| **1,21** | *5.90 | 7,10 | 541 | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | – | – | – |
| **1,21** | 8,50 | 10,30 | 424 | 526 | 640 | 767 | 894 | 1 212 | 1 402 | 1 783 | 2 164 | 2 469 | 2 799 | 3 434 |
| **1,21** | 9,00 | 10,90 | 401 | 503 | 620 | 747 | 874 | 1 191 | 1 382 | 1 763 | 2 144 | 2 449 | 2 779 | 3 414 |
| **1,21** | 9,75 | 11,80 | 368 | 470 | 587 | 714 | 841 | 1 158 | 1 349 | 1 730 | 2 111 | 2 416 | 2 746 | 3 381 |
| **1,21** | 10,90 | 13,20 | – | 419 | 533 | 660 | 790 | 1 107 | 1 298 | 1 679 | 2 060 | 2 365 | 2 695 | 3 330 |
| **1,21** | 13,20 | 16,00 | – | – | 432 | 559 | 686 | 1 003 | 1 194 | 1 577 | 1 958 | 2 263 | 2 593 | 3 228 |
| **1,22** | *5.20 | *6.30 | 572 | 673 | 787 | 914 | 1 041 | 1 359 | 1 549 | 1 930 | 2 311 | – | – | – |
| **1,22** | *5.50 | *6.70 | 556 | 658 | 772 | 899 | 1 026 | 1 344 | 1 534 | 1 915 | 2 296 | – | – | – |
| **1,22** | 8,00 | 9,75 | 445 | 546 | 660 | 787 | 914 | 1 234 | 1 425 | 1 806 | 2 187 | 2 492 | 2 822 | 3 457 |
| **1,22** | 9,25 | 11,30 | 389 | 490 | 605 | 732 | 859 | 1 176 | 1 369 | 1 750 | 2 131 | 2 436 | 2 766 | 3 401 |
| **1,22** | 10,30 | 12,50 | 343 | 447 | 561 | 688 | 815 | 1 133 | 1 323 | 1 704 | 2 085 | 2 390 | 2 720 | 3 355 |
| **1,24** | 7,50 | 9,25 | 465 | 566 | 681 | 808 | 935 | 1 252 | 1 443 | 1 824 | 2 205 | 2 510 | 2 840 | 3 475 |
| **1,24** | 11,30 | 14,00 | – | 396 | 511 | 638 | 765 | 1 082 | 1 273 | 1 654 | 2 035 | 2 339 | 2 670 | 3 305 |
| **1,25** | 15,00 | 18,70 | – | – | – | 467 | 597 | 914 | 1 105 | 1 486 | 1 867 | 2 172 | 2 502 | 3 137 |
| **1,26** | *4.40 | *5.50 | 602 | 704 | 818 | 945 | 1 072 | 1 389 | 1 580 | 1 961 | 2 342 | – | – | – |
| **1,26** | 9,00 | 11,30 | 394 | 495 | 610 | 737 | 864 | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 771 | 3 406 |
| **1,27** | *4.65 | *5.90 | 589 | 691 | 805 | 932 | 1 059 | 1 377 | 1 567 | 1 948 | 2 329 | – | – | – |
| **1,27** | *6.30 | 8,00 | 516 | 617 | 732 | 859 | 986 | 1 303 | 1 494 | 1 875 | 2 256 | – | – | – |
| **1,27** | *6.70 | 8,50 | 495 | 597 | 711 | 838 | 968 | 1 285 | 1 476 | 1 857 | 2 238 | – | – | – |
| **1,27** | 7,10 | 9,00 | 478 | 579 | 693 | 820 | 947 | 1 265 | 1 455 | 1 836 | 2 217 | 2 525 | 2 855 | 3 490 |
| **1,27** | 11,80 | 15,00 | – | 366 | 480 | 607 | 734 | 1 052 | 1 242 | 1 623 | 2 004 | 2 309 | 2 639 | 3 274 |
| **1,28** | *5.90 | 7,50 | 533 | 635 | 749 | 876 | 1 003 | 1 321 | 1 511 | 1 892 | 2 273 | – | – | – |
| **1,28** | 9,25 | 11,80 | 378 | 480 | 594 | 721 | 848 | 1 166 | 1 359 | 1 740 | 2 121 | 2 426 | 2 756 | 3 391 |
| **1,28** | 9,75 | 12,50 | 356 | 457 | 572 | 699 | 826 | 1 143 | 1 334 | 1 715 | 2 096 | 2 400 | 2 731 | 3 366 |
| **1,28** | 10,30 | 13,20 | 330 | 432 | 546 | 673 | 800 | 1 118 | 1 308 | 1 689 | 2 070 | 2 375 | 2 705 | 3 340 |
| **1,28** | 12,50 | 16,00 | – | – | 445 | 572 | 701 | 1 019 | 1 209 | 1 590 | 1 971 | 2 276 | 2 606 | 3 241 |
| **1,29** | *4.90 | *6.30 | 577 | 678 | 792 | 919 | 1 046 | 1 364 | 1 554 | 1 935 | 2 316 | – | – | – |
| **1,29** | *5.20 | *6.70 | 561 | 663 | 777 | 904 | 1 031 | 1 349 | 1 539 | 1 923 | 2 304 | – | – | – |
| **1,29** | 8,00 | 10,30 | 434 | 536 | 650 | 777 | 904 | 1 222 | 1 412 | 1 793 | 2 174 | 2 479 | 2 809 | 3 444 |
| **1,29** | 8,50 | 10,90 | 411 | 513 | 627 | 754 | 881 | 1 199 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| **1,29** | 10,90 | 14,00 | – | 404 | 518 | 645 | 772 | 1 090 | 1 280 | 1 661 | 2 042 | 2 347 | 2 677 | 3 312 |
| **1,30** | *5.50 | 7,10 | 549 | 650 | 765 | 892 | 1 019 | 1 336 | 1 527 | 1 908 | 2 289 | – | – | – |
| **1,30** | 7,50 | 9,75 | 455 | 556 | 671 | 798 | 925 | 1 242 | 1 433 | 1 814 | 2 195 | 2 499 | 2 830 | 3 465 |
| **1,31** | 7,10 | 9,25 | 472 | 574 | 688 | 815 | 942 | 1 260 | 1 450 | 1 834 | 2 215 | 2 520 | 2 850 | 3 485 |
| **1,31** | 9,00 | 11,80 | 384 | 485 | 599 | 726 | 853 | 1 171 | 1 361 | 1 742 | 2 126 | 2 431 | 2 761 | 3 396 |
| **1,33** | 8,50 | 11,30 | 404 | 505 | 620 | 747 | 874 | 1 191 | 1 382 | 1 763 | 2 144 | 2 449 | 2 779 | 3 414 |
| **1,33** | 11,30 | 15,00 | – | 373 | 490 | 617 | 744 | 1 062 | 1 252 | 1 633 | 2 014 | 2 319 | 2 649 | 3 284 |
| **1,33** | 16,00 | 21,20 | – | – | – | – | 523 | 843 | 1 034 | 1 415 | 1 796 | 2 101 | 2 431 | 3 068 |
| **1,34** | 14,00 | 18,70 | – | – | – | 488 | 615 | 932 | 1 125 | 1 506 | 1 887 | 2 192 | 2 522 | 3 157 |
| **1,35** | *4,40 | *5,90 | 594 | 696 | 810 | 937 | 1 064 | 1 382 | 1 572 | 1 953 | 2 334 | – | – | – |
| **1,35** | *6,30 | 8,50 | 503 | 607 | 721 | 848 | 975 | 1 293 | 1 483 | 1 864 | 2 245 | – | – | – |
| **1,35** | *6,70 | 9,00 | 485 | 587 | 701 | 828 | 958 | 1 275 | 1 466 | 1 847 | 2 228 | – | – | – |
| **1,36** | *4,65 | *6,30 | 582 | 683 | 798 | 925 | 1 052 | 1 369 | 1 560 | 1 941 | 2 322 | – | – | – |
| **1,36** | *5,90 | 8,00 | 523 | 625 | 739 | 866 | 993 | 1 311 | 1 501 | 1 882 | 2 263 | – | – | – |
| **1,36** | 9,25 | 12,50 | 363 | 465 | 582 | 709 | 836 | 1 153 | 1 344 | 1 725 | 2 106 | 2 410 | 2 741 | 3 376 |
| **1,36** | 9,75 | 13,20 | 340 | 442 | 556 | 683 | 810 | 1 128 | 1 318 | 1 702 | 2 083 | 2 388 | 2 718 | 3 353 |
| **1,36** | 10,30 | 14,00 | – | 414 | 528 | 655 | 785 | 1 102 | 1 293 | 1 674 | 2 055 | 2 360 | 2 690 | 3 325 |
| **1,36** | 11,80 | 16,00 | – | – | 457 | 587 | 714 | 1 031 | 1 222 | 1 603 | 1 984 | 2 289 | 2 619 | 3 254 |
| **1,37** | *4,90 | *6,70 | 569 | 671 | 785 | 912 | 1 039 | 1 356 | 1 547 | 1 928 | 2 309 | – | – | – |
| **1,37** | *5,20 | 7,10 | 554 | 655 | 770 | 897 | 1 024 | 1 341 | 1 532 | 1 913 | 2 294 | – | – | – |
| **1,37** | *5,50 | 7,50 | 541 | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | – | – | – |
| **1,37** | 8,00 | 10,90 | 422 | 523 | 638 | 765 | 892 | 1 209 | 1 400 | 1 781 | 2 162 | 2 466 | 2 797 | 3 432 |
| **1,38** | 7,10 | 9,75 | 462 | 564 | 678 | 805 | 932 | 1 250 | 1 443 | 1 824 | 2 205 | 2 510 | 2 840 | 3 475 |
| **1,38** | 7,50 | 10,30 | 445 | 546 | 660 | 787 | 914 | 1 232 | 1 422 | 1 803 | 2 184 | 2 489 | 2 819 | 3 454 |
| **1,38** | 10,90 | 15,00 | – | 381 | 498 | 625 | 752 | 1 069 | 1 260 | 1 641 | 2 022 | 2 327 | 2 657 | 3 292 |
| **1,39** | *6,70 | 9,25 | 480 | 582 | 696 | 823 | 953 | 1 270 | 1 461 | 1 842 | 2 223 | – | – | – |
| **1,39** | 8,50 | 11,80 | 394 | 495 | 610 | 737 | 864 | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 769 | 3 404 |
| **1,39** | 9,00 | 12,50 | 368 | 470 | 584 | 714 | 841 | 1 158 | 1 349 | 1 730 | 2 111 | 2 416 | 2 746 | 3 381 |
| **1,42** | 8,00 | 11,30 | 414 | 516 | 630 | 757 | 884 | 1 201 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| **1,42** | 11,30 | 16,00 | – | – | 467 | 594 | 724 | 1 041 | 1 232 | 1 613 | 1 994 | 2 299 | 2 629 | 3 264 |
| **1,42** | 13,20 | 18,70 | – | – | – | 503 | 630 | 947 | 1 140 | 1 521 | 1 902 | 2 207 | 2 537 | 3 172 |
| **1,42** | 15,00 | 21,20 | – | – | – | – | 541 | 861 | 1 054 | 1 435 | 1 816 | 2 121 | 2 451 | 3 086 |
| **1,43** | 9,25 | 13,20 | 348 | 452 | 566 | 693 | 820 | 1 138 | 1 328 | 1 709 | 2 090 | 2 395 | 2 725 | 3 363 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section 5V/5V-XP/5VX

**Table 4k**

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,44** | *4,40 | *6,30 | 587 | 688 | 803 | 930 | 1 057 | 1 374 | 1 565 | 1 946 | 2 327 | – | – | – |
| **1,44** | *6,30 | 9,00 | 493 | 594 | 711 | 838 | 965 | 1 283 | 1 473 | 1 854 | 2 235 | – | – | – |
| **1,44** | 9,75 | 14,00 | – | 424 | 538 | 668 | 795 | 1 113 | 1 303 | 1 684 | 2 065 | 2 370 | 2 700 | 3 335 |
| **1,45** | *4,65 | *6,70 | 574 | 676 | 790 | 917 | 1 044 | 1 361 | 1 552 | 1 933 | 2 314 | – | – | – |
| **1,45** | *5,20 | 7,50 | 546 | 648 | 762 | 889 | 1 016 | 1 334 | 1 524 | 1 905 | 2 286 | – | – | – |
| **1,45** | *5,90 | 8,50 | 511 | 615 | 729 | 856 | 983 | 1 300 | 1 491 | 1 872 | 2 253 | – | – | – |
| **1,46** | *4,90 | 7,10 | 559 | 663 | 777 | 904 | 1 031 | 1 349 | 1 539 | 1 920 | 2 301 | – | – | – |
| **1,46** | *5,50 | 8,00 | 531 | 632 | 747 | 874 | 1 001 | 1 318 | 1 509 | 1 890 | 2 271 | – | – | – |
| **1,46** | *6,70 | 9,75 | 470 | 572 | 686 | 813 | 940 | 1 260 | 1 450 | 1 831 | 2 212 | – | – | – |
| **1,46** | 7,10 | 10,30 | 452 | 554 | 668 | 795 | 922 | 1 240 | 1 430 | 1 811 | 2 192 | 2 497 | 2 827 | 3 462 |
| **1,46** | 7,50 | 10,90 | 432 | 533 | 648 | 775 | 902 | 1 219 | 1 410 | 1 791 | 2 172 | 2 477 | 2 807 | 3 442 |
| **1,46** | 10,30 | 15,00 | – | 394 | 508 | 635 | 762 | 1 082 | 1 273 | 1 654 | 2 035 | 2 339 | 2 670 | 3 305 |
| **1,47** | 9,00 | 13,20 | 353 | 455 | 572 | 699 | 826 | 1 143 | 1 334 | 1 715 | 2 096 | 2 400 | 2 731 | 3 366 |
| **1,47** | 10,90 | 16,00 | – | – | 475 | 602 | 732 | 1 049 | 1 240 | 1 621 | 2 002 | 2 306 | 2 637 | 3 272 |
| **1,48** | *6,30 | 9,25 | 488 | 589 | 704 | 833 | 960 | 1 278 | 1 468 | 1 849 | 2 230 | – | – | – |
| **1,48** | 8,00 | 11,80 | 401 | 505 | 620 | 747 | 874 | 1 191 | 1 382 | 1 763 | 2 144 | 2 449 | 2 779 | 3 414 |
| **1,48** | 8,50 | 12,50 | 378 | 480 | 594 | 721 | 848 | 1 168 | 1 359 | 1 740 | 2 121 | 2 426 | 2 756 | 3 391 |
| **1,48** | 16,00 | 23,60 | – | – | – | – | – | 792 | 983 | 1 367 | 1 748 | 2 052 | 2 383 | 3 018 |
| **1,50** | 12,50 | 18,70 | – | – | – | 516 | 643 | 963 | 1 153 | 1 534 | 1 915 | 2 220 | 2 550 | 3 188 |
| **1,51** | 7,50 | 11,30 | 422 | 523 | 640 | 767 | 894 | 1 212 | 1 402 | 1 783 | 2 164 | 2 469 | 2 799 | 3 434 |
| **1,52** | 9,25 | 14,00 | 330 | 434 | 549 | 676 | 805 | 1 123 | 1 313 | 1 694 | 2 075 | 2 380 | 2 710 | 3 345 |
| **1,52** | 14,00 | 21,20 | – | – | – | – | 561 | 881 | 1 072 | 1 453 | 1 836 | 2 141 | 2 471 | 3 106 |
| **1,53** | *4,40 | *6,70 | 579 | 681 | 795 | 922 | 1 049 | 1 367 | 1 557 | 1 938 | 2 319 | – | – | – |
| **1,53** | *5,90 | 9,00 | 500 | 602 | 719 | 846 | 973 | 1 290 | 1 481 | 1 862 | 2 243 | – | – | – |
| **1,54** | *4,65 | 7,10 | 564 | 665 | 780 | 909 | 1 036 | 1 354 | 1 544 | 1 925 | 2 306 | – | – | – |
| **1,54** | *4,90 | 7,50 | 551 | 653 | 767 | 894 | 1 021 | 1 339 | 1 529 | 1 910 | 2 294 | – | – | – |
| **1,54** | 7,10 | 10,90 | 439 | 541 | 655 | 782 | 909 | 1 227 | 1 417 | 1 798 | 2 179 | 2 484 | 2 814 | 3 449 |
| **1,54** | 9,75 | 15,00 | – | 401 | 518 | 645 | 772 | 1 092 | 1 283 | 1 664 | 2 045 | 2 350 | 2 680 | 3 315 |
| **1,55** | *5,20 | 8,00 | 536 | 638 | 752 | 879 | 1 006 | 1 323 | 1 514 | 1 895 | 2 276 | – | – | – |
| **1,55** | *6,70 | 10,30 | 460 | 561 | 676 | 803 | 930 | 1 247 | 1 438 | 1 819 | 2 200 | – | – | – |
| **1,56** | *5,50 | 8,50 | 518 | 622 | 737 | 864 | 991 | 1 308 | 1 499 | 1 880 | 2 261 | – | – | – |
| **1,56** | *6,30 | 9,75 | 478 | 579 | 693 | 820 | 950 | 1 267 | 1 458 | 1 839 | 2 220 | – | – | – |
| **1,56** | 8,50 | 13,20 | 363 | 465 | 579 | 709 | 836 | 1 153 | 1 344 | 1 725 | 2 106 | 2 410 | 2 741 | 3 376 |
| **1,56** | 9,00 | 14,00 | 335 | 439 | 554 | 681 | 808 | 1 128 | 1 318 | 1 699 | 2 080 | 2 385 | 2 715 | 3 350 |
| **1,56** | 10,30 | 16,00 | – | 371 | 485 | 615 | 742 | 1 059 | 1 252 | 1 633 | 2 014 | 2 319 | 2 649 | 3 284 |
| **1,57** | 8,00 | 12,50 | 386 | 490 | 605 | 732 | 859 | 1 176 | 1 369 | 1 750 | 2 131 | 2 436 | 2 766 | 3 401 |
| **1,58** | *5,90 | 9,25 | 495 | 597 | 714 | 841 | 968 | 1 285 | 1 476 | 1 857 | 2 238 | – | – | – |
| **1,58** | 7,50 | 11,80 | 411 | 513 | 627 | 757 | 884 | 1 201 | 1 392 | 1 773 | 2 154 | 2 459 | 2 789 | 3 424 |
| **1,58** | 15,00 | 23,60 | – | – | – | – | – | 810 | 1 001 | 1 384 | 1 768 | 2 073 | 2 403 | 3 038 |
| **1,59** | 11,80 | 18,70 | – | – | – | 528 | 655 | 975 | 1 166 | 1 547 | 1 930 | 2 235 | 2 565 | 3 200 |
| **1,60** | 7,10 | 11,30 | 429 | 531 | 648 | 775 | 902 | 1 219 | 1 410 | 1 791 | 2 172 | 2 477 | 2 807 | 3 442 |
| **1,61** | 13,20 | 21,20 | – | – | – | – | 574 | 897 | 1 087 | 1 468 | 1 852 | 2 156 | 2 487 | 3 122 |
| **1,63** | *4,40 | 7,10 | 569 | 671 | 785 | 912 | 1 039 | 1 359 | 1 549 | 1 930 | 2 311 | – | – | – |
| **1,63** | *4,65 | 7,50 | 556 | 658 | 772 | 899 | 1 026 | 1 344 | 1 534 | 1 915 | 2 296 | – | – | – |
| **1,63** | 9,25 | 15,00 | – | 411 | 528 | 655 | 782 | 1 102 | 1 293 | 1 674 | 2 055 | 2 360 | 2 690 | 3 325 |
| **1,64** | *6,70 | 10,90 | 447 | 549 | 663 | 790 | 917 | 1 234 | 1 425 | 1 806 | 2 189 | – | – | – |
| **1,65** | *4,90 | 8,00 | 541 | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 902 | 2 283 | – | – | – |
| **1,65** | *5,20 | 8,50 | 526 | 627 | 742 | 869 | 996 | 1 313 | 1 504 | 1 885 | 2 266 | – | – | – |
| **1,65** | *5,50 | 9,00 | 508 | 610 | 726 | 853 | 980 | 1 298 | 1 488 | 1 869 | 2 250 | – | – | – |
| **1,65** | *6,30 | 10,30 | 467 | 569 | 683 | 810 | 937 | 1 255 | 1 445 | 1 826 | 2 207 | – | – | – |
| **1,65** | 8,50 | 14,00 | 343 | 447 | 564 | 691 | 818 | 1 135 | 1 328 | 1 709 | 2 090 | 2 395 | 2 725 | 3 360 |
| **1,65** | 9,75 | 16,00 | – | 378 | 495 | 625 | 752 | 1 072 | 1 262 | 1 643 | 2 024 | 2 329 | 2 659 | 3 294 |
| **1,66** | *5,90 | 9,75 | 485 | 587 | 701 | 831 | 958 | 1 275 | 1 466 | 1 847 | 2 228 | – | – | – |
| **1,66** | 8,00 | 13,20 | 371 | 475 | 589 | 716 | 843 | 1 163 | 1 354 | 1 735 | 2 116 | 2 421 | 2 751 | 3 386 |
| **1,66** | 11,30 | 18,70 | – | – | 406 | 536 | 665 | 986 | 1 176 | 1 557 | 1 938 | 2 245 | 2 576 | 3 211 |
| **1,67** | 7,10 | 11,80 | 419 | 521 | 635 | 765 | 892 | 1 209 | 1 400 | 1 781 | 2 162 | 2 466 | 2 797 | 3 432 |
| **1,67** | 9,00 | 15,00 | – | 417 | 531 | 660 | 787 | 1 105 | 1 298 | 1 679 | 2 060 | 2 365 | 2 695 | 3 330 |
| **1,68** | 7,50 | 12,50 | 396 | 498 | 615 | 742 | 869 | 1 186 | 1 377 | 1 758 | 2 141 | 2 446 | 2 776 | 3 411 |
| **1,69** | *5,50 | 9,25 | 503 | 605 | 721 | 848 | 975 | 1 293 | 1 483 | 1 864 | 2 245 | – | – | – |
| **1,69** | 14,00 | 23,60 | – | – | – | – | 505 | 828 | 1 021 | 1 405 | 1 786 | 2 090 | 2 421 | 3 058 |
| **1,70** | *6,70 | 11,30 | 437 | 538 | 655 | 782 | 909 | 1 227 | 1 417 | 1 798 | 2 179 | – | – | – |
| **1,70** | 12,50 | 21,20 | – | – | – | 457 | 587 | 909 | 1 100 | 1 483 | 1 864 | 2 169 | 2 499 | 3 137 |
| **1,72** | *4,40 | 7,50 | 561 | 663 | 777 | 904 | 1 031 | 1 349 | 1 539 | 1 920 | 2 301 | – | – | – |
| **1,72** | 10,90 | 18,70 | – | – | 414 | 544 | 673 | 993 | 1 184 | 1 565 | 1 948 | 2 253 | 2 583 | 3 218 |
| **1,74** | *4,65 | 8,00 | 546 | 648 | 762 | 889 | 1 016 | 1 334 | 1 524 | 1 905 | 2 286 | – | – | – |
| **1,74** | *6,30 | 10,90 | 452 | 556 | 671 | 798 | 925 | 1 242 | 1 433 | 1 816 | 2 197 | – | – | – |
| **1,74** | 9,25 | 16,00 | – | 389 | 505 | 632 | 762 | 1 080 | 1 273 | 1 654 | 2 035 | 2 339 | 2 670 | 3 305 |
| **1,75** | *4,90 | 8,50 | 531 | 632 | 747 | 874 | 1 001 | 1 318 | 1 509 | 1 892 | 2 273 | – | – | – |
| **1,75** | *5,20 | 9,00 | 516 | 617 | 732 | 859 | 986 | 1 303 | 1 494 | 1 875 | 2 256 | – | – | – |
| **1,75** | 16,00 | 28,00 | – | – | – | – | – | 693 | 886 | 1 273 | 1 656 | 1 961 | 2 291 | 2 929 |
| **1,76** | *5,90 | 10,30 | 472 | 577 | 691 | 818 | 945 | 1 262 | 1 453 | 1 834 | 2 215 | – | – | – |
| **1,76** | 8,00 | 14,00 | 353 | 457 | 572 | 701 | 828 | 1 146 | 1 336 | 1 720 | 2 101 | 2 405 | 2 736 | 3 371 |
| **1,77** | *6,70 | 11,80 | 427 | 528 | 643 | 772 | 899 | 1 217 | 1 407 | 1 788 | 2 169 | – | – | – |
| **1,77** | 7,10 | 12,50 | 404 | 505 | 622 | 749 | 876 | 1 194 | 1 384 | 1 768 | 2 149 | 2 454 | 2 784 | 3 419 |
| **1,77** | 7,50 | 13,20 | 381 | 483 | 599 | 726 | 853 | 1 173 | 1 364 | 1 745 | 2 126 | 2 431 | 2 761 | 3 396 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Table 4l

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,80** | 11,80 | 21,20 | – | – | – | 470 | 599 | 922 | 1 113 | 1 496 | 1 877 | 2 184 | 2 515 | 3 150 |
| **1,81** | *6,30 | 11,30 | 445 | 546 | 663 | 790 | 917 | 1 234 | 1 425 | 1 806 | 2 187 | – | – | – |
| **1,82** | 10,30 | 18,70 | – | – | 424 | 554 | 683 | 1 003 | 1 194 | 1 577 | 1 958 | 2 263 | 2 593 | 3 231 |
| **1,84** | *4,40 | 8,00 | 551 | 653 | 767 | 894 | 1 021 | 1 339 | 1 529 | 1 910 | 2 291 | – | – | – |
| **1,85** | *4,65 | 8,50 | 536 | 638 | 752 | 879 | 1 006 | 1 323 | 1 514 | 1 895 | 2 278 | – | – | – |
| **1,85** | *4,90 | 9,00 | 521 | 622 | 737 | 864 | 991 | 1 308 | 1 499 | 1 882 | 2 263 | – | – | – |
| **1,86** | *5,90 | 10,90 | 460 | 564 | 678 | 805 | 932 | 1 250 | 1 443 | 1 824 | 2 205 | – | – | – |
| **1,87** | 7,10 | 13,20 | 389 | 490 | 607 | 734 | 861 | 1 181 | 1 372 | 1 753 | 2 134 | 2 438 | 2 769 | 3 404 |
| **1,87** | 15,00 | 28,00 | – | – | – | – | – | 711 | 904 | 1 290 | 1 674 | 1 981 | 2 311 | 2 946 |
| **1,88** | *6,70 | 12,50 | 411 | 513 | 630 | 757 | 884 | 1 201 | 1 392 | 1 775 | 2 156 | – | – | – |
| **1,88** | 7,50 | 14,00 | 361 | 465 | 582 | 709 | 838 | 1 156 | 1 346 | 1 727 | 2 111 | 2 416 | 2 746 | 3 381 |
| **1,88** | 11,30 | 21,20 | – | – | – | 478 | 610 | 930 | 1 123 | 1 506 | 1 887 | 2 192 | 2 525 | 3 160 |
| **1,89** | *5,20 | 9,75 | 498 | 599 | 716 | 843 | 970 | 1 288 | 1 478 | 1 859 | 2 240 | – | – | – |
| **1,89** | *5,50 | 10,30 | 480 | 584 | 699 | 826 | 953 | 1 270 | 1 461 | 1 844 | 2 225 | – | – | – |
| **1,89** | *6,30 | 11,80 | 434 | 536 | 650 | 780 | 907 | 1 224 | 1 415 | 1 796 | 2 177 | – | – | – |
| **1,89** | 8,00 | 15,00 | 330 | 434 | 551 | 678 | 805 | 1 125 | 1 316 | 1 697 | 2 080 | 2 385 | 2 715 | 3 350 |
| **1,89** | 8,50 | 16,00 | – | 401 | 518 | 648 | 775 | 1 095 | 1 285 | 1 669 | 2 050 | 2 355 | 2 685 | 3 320 |
| **1,90** | 12,50 | 23,60 | – | – | – | – | 531 | 856 | 1 049 | 1 433 | 1 814 | 2 121 | 2 451 | 3 086 |
| **1,91** | *4,90 | 9,25 | 516 | 617 | 732 | 859 | 986 | 1 303 | 1 494 | 1 877 | 2 258 | – | – | – |
| **1,93** | *5,90 | 11,30 | 452 | 554 | 671 | 798 | 925 | 1 242 | 1 433 | 1 814 | 2 195 | – | – | – |
| **1,93** | 9,75 | 18,70 | – | – | 434 | 564 | 693 | 1 013 | 1 204 | 1 588 | 1 969 | 2 273 | 2 606 | 3 241 |
| **1,95** | *4,40 | 8,50 | 541 | 643 | 757 | 884 | 1 011 | 1 328 | 1 519 | 1 900 | 2 281 | – | – | – |
| **1,95** | 10,90 | 21,20 | – | – | – | 485 | 615 | 937 | 1 130 | 1 514 | 1 895 | 2 200 | 2 532 | 3 167 |
| **1,96** | *4,65 | 9,00 | 526 | 627 | 742 | 869 | 996 | 1 313 | 1 504 | 1 885 | 2 268 | – | – | – |
| **1,97** | 16,00 | 31,50 | – | – | – | – | – | – | 805 | 1 196 | 1 580 | 1 887 | 2 217 | 2 855 |
| **1,98** | *6,70 | 13,20 | 394 | 498 | 615 | 742 | 869 | 1 189 | 1 379 | 1 760 | 2 141 | – | – | – |
| **1,99** | 7,10 | 14,00 | 368 | 472 | 589 | 716 | 843 | 1 163 | 1 354 | 1 735 | 2 118 | 2 423 | 2 753 | 3 388 |
| **2,00** | *5,20 | 10,30 | 488 | 589 | 704 | 831 | 958 | 1 278 | 1 468 | 1 849 | 2 230 | – | – | – |
| **2,00** | *5,50 | 10,90 | 467 | 572 | 686 | 813 | 940 | 1 257 | 1 450 | 1 831 | 2 212 | – | – | – |
| **2,00** | *6,30 | 12,50 | 417 | 521 | 635 | 765 | 892 | 1 209 | 1 400 | 1 783 | 2 164 | – | – | – |
| **2,01** | *4,65 | 9,25 | 521 | 622 | 737 | 864 | 991 | 1 308 | 1 499 | 1 880 | 2 263 | – | – | – |
| **2,01** | *4,90 | 9,75 | 503 | 607 | 721 | 848 | 975 | 1 293 | 1 483 | 1 867 | 2 248 | – | – | – |
| **2,01** | 7,50 | 15,00 | 338 | 442 | 559 | 688 | 815 | 1 135 | 1 326 | 1 707 | 2 088 | 2 395 | 2 725 | 3 360 |
| **2,01** | 8,00 | 16,00 | – | 411 | 528 | 655 | 785 | 1 105 | 1 295 | 1 676 | 2 060 | 2 365 | 2 695 | 3 330 |
| **2,01** | 11,80 | 23,60 | – | – | – | – | 544 | 869 | 1 062 | 1 445 | 1 829 | 2 134 | 2 464 | 3 101 |
| **2,01** | 14,00 | 28,00 | – | – | – | – | – | 729 | 922 | 1 308 | 1 692 | 1 999 | 2 329 | 2 967 |
| **2,02** | *5,90 | 11,80 | 439 | 544 | 658 | 787 | 914 | 1 232 | 1 422 | 1 803 | 2 184 | – | – | – |
| **2,03** | 9,25 | 18,70 | – | – | 442 | 574 | 701 | 1 024 | 1 214 | 1 598 | 1 979 | 2 283 | 2 614 | 3 251 |
| **2,07** | *4,40 | 9,00 | 528 | 632 | 747 | 874 | 1 001 | 1 318 | 1 509 | 1 890 | 2 271 | – | – | – |
| **2,07** | *5,50 | 11,30 | 460 | 561 | 676 | 805 | 932 | 1 250 | 1 440 | 1 821 | 2 205 | – | – | – |
| **2,07** | 10,30 | 21,20 | – | – | – | 495 | 627 | 950 | 1 140 | 1 524 | 1 908 | 2 212 | 2 543 | 3 178 |
| **2,09** | 9,00 | 18,70 | – | – | 447 | 577 | 706 | 1 029 | 1 219 | 1 603 | 1 984 | 2 289 | 2 619 | 3 256 |
| **2,10** | 11,30 | 23,60 | – | – | – | – | 551 | 876 | 1 069 | 1 455 | 1 836 | 2 144 | 2 474 | 3 109 |
| **2,11** | *6,30 | 13,20 | 401 | 505 | 620 | 749 | 876 | 1 196 | 1 387 | 1 768 | 2 149 | – | – | – |
| **2,11** | *6,70 | 14,00 | 376 | 480 | 597 | 724 | 851 | 1 171 | 1 361 | 1 742 | 2 126 | – | – | – |
| **2,11** | 15,00 | 31,50 | – | – | – | – | – | 625 | 823 | 1 214 | 1 598 | 1 905 | 2 238 | 2 875 |
| **2,12** | *4,65 | 9,75 | 508 | 612 | 726 | 853 | 980 | 1 298 | 1 488 | 1 869 | 2 253 | – | – | – |
| **2,12** | *5,20 | 10,90 | 472 | 577 | 691 | 818 | 945 | 1 265 | 1 455 | 1 836 | 2 217 | – | – | – |
| **2,13** | *4,40 | 9,25 | 523 | 627 | 742 | 869 | 996 | 1 313 | 1 504 | 1 885 | 2 266 | – | – | – |
| **2,13** | *4,90 | 10,30 | 493 | 594 | 709 | 838 | 965 | 1 283 | 1 473 | 1 854 | 2 235 | – | – | – |
| **2,13** | 7,10 | 15,00 | 345 | 450 | 566 | 696 | 823 | 1 143 | 1 334 | 1 715 | 2 096 | 2 403 | 2 733 | 3 368 |
| **2,13** | 13,20 | 28,00 | – | – | – | – | – | 742 | 937 | 1 323 | 1 707 | 2 014 | 2 344 | 2 982 |
| **2,14** | *5,90 | 12,50 | 424 | 528 | 643 | 772 | 899 | 1 217 | 1 410 | 1 791 | 2 172 | – | – | – |
| **2,15** | 7,50 | 16,00 | – | 419 | 536 | 665 | 795 | 1 113 | 1 306 | 1 687 | 2 068 | 2 372 | 2 705 | 3 340 |
| **2,17** | *5,50 | 11,80 | 447 | 551 | 665 | 795 | 922 | 1 240 | 1 430 | 1 811 | 2 195 | – | – | – |
| **2,18** | 10,90 | 23,60 | – | – | – | – | 559 | 884 | 1 077 | 1 463 | 1 844 | 2 151 | 2 482 | 3 117 |
| **2,19** | 9,75 | 21,20 | – | – | – | 505 | 635 | 960 | 1 151 | 1 534 | 1 918 | 2 223 | 2 553 | 3 190 |
| **2,20** | *5,20 | 11,30 | 465 | 566 | 683 | 810 | 937 | 1 255 | 1 448 | 1 829 | 2 210 | – | – | – |
| **2,21** | 8,50 | 18,70 | – | – | 455 | 587 | 716 | 1 036 | 1 229 | 1 610 | 1 994 | 2 299 | 2 629 | 3 264 |
| **2,24** | *4,40 | 9,75 | 513 | 615 | 732 | 859 | 986 | 1 303 | 1 494 | 1 875 | 2 256 | – | – | – |
| **2,24** | *4,65 | 10,30 | 498 | 599 | 714 | 841 | 970 | 1 288 | 1 478 | 1 859 | 2 240 | – | – | – |
| **2,24** | *6,30 | 14,00 | 384 | 488 | 602 | 732 | 859 | 1 179 | 1 369 | 1 750 | 2 134 | – | – | – |
| **2,25** | *4,90 | 10,90 | 480 | 582 | 696 | 826 | 953 | 1 270 | 1 461 | 1 842 | 2 223 | – | – | – |
| **2,25** | 12,50 | 28,00 | – | – | – | – | – | 754 | 950 | 1 336 | 1 720 | 2 027 | 2 360 | 2 995 |
| **2,26** | *5,90 | 13,20 | 409 | 513 | 627 | 757 | 884 | 1 204 | 1 394 | 1 775 | 2 156 | – | – | – |
| **2,26** | *6,70 | 15,00 | 351 | 457 | 574 | 701 | 831 | 1 151 | 1 341 | 1 722 | 2 106 | – | – | – |
| **2,26** | 14,00 | 31,50 | – | – | – | – | – | 640 | 841 | 1 232 | 1 618 | 1 925 | 2 256 | 2 893 |
| **2,27** | 7,10 | 16,00 | 320 | 427 | 544 | 673 | 800 | 1 120 | 1 313 | 1 694 | 2 075 | 2 383 | 2 713 | 3 348 |
| **2,29** | *5,20 | 11,80 | 452 | 556 | 671 | 800 | 927 | 1 245 | 1 438 | 1 819 | 2 200 | – | – | – |
| **2,30** | *5,50 | 12,50 | 432 | 536 | 650 | 780 | 907 | 1 224 | 1 417 | 1 798 | 2 179 | – | – | – |
| **2,30** | 10,30 | 23,60 | – | – | – | – | 569 | 894 | 1 090 | 1 473 | 1 857 | 2 162 | 2 492 | 3 129 |
| **2,31** | 9,25 | 21,20 | – | – | – | 513 | 645 | 968 | 1 161 | 1 544 | 1 925 | 2 233 | 2 563 | 3 198 |
| **2,33** | *4,90 | 11,30 | 470 | 572 | 688 | 815 | 942 | 1 262 | 1 453 | 1 834 | 2 215 | – | – | – |
| **2,35** | 8,00 | 18,70 | – | – | 462 | 594 | 724 | 1 046 | 1 237 | 1 621 | 2 002 | 2 309 | 2 639 | 3 274 |
| **2,35** | 16,00 | 37,50 | – | – | – | – | – | – | – | 1 057 | 1 448 | 1 755 | 2 090 | 2 728 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section 5V/5V-XP/5VX

**Table 4m**

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **2,37** | *4,40 | 10,30 | 500 | 605 | 719 | 846 | 973 | 1 293 | 1 483 | 1 864 | 2 245 | – | – | – |
| **2,37** | *4,65 | 10,90 | 483 | 587 | 701 | 828 | 958 | 1 275 | 1 466 | 1 847 | 2 228 | – | – | – |
| **2,37** | 9,00 | 21,20 | – | – | – | 518 | 648 | 973 | 1 166 | 1 549 | 1 930 | 2 238 | 2 568 | 3 203 |
| **2,38** | 11,80 | 28,00 | – | – | – | – | – | 765 | 963 | 1 349 | 1 735 | 2 040 | 2 372 | 3 010 |
| **2,40** | *5,90 | 14,00 | 389 | 493 | 610 | 739 | 866 | 1 186 | 1 377 | 1 760 | 2 141 | – | – | – |
| **2,40** | *6,30 | 15,00 | 358 | 465 | 582 | 709 | 838 | 1 158 | 1 349 | 1 730 | 2 113 | – | – | – |
| **2,40** | 13,20 | 31,50 | – | – | – | – | – | 653 | 853 | 1 245 | 1 631 | 1 938 | 2 271 | 2 908 |
| **2,41** | *6,70 | 16,00 | 325 | 432 | 551 | 681 | 808 | 1 128 | 1 321 | 1 702 | 2 083 | – | – | – |
| **2,43** | *5,20 | 12,50 | 437 | 541 | 655 | 785 | 912 | 1 232 | 1 422 | 1 803 | 2 184 | – | – | – |
| **2,43** | *5,50 | 13,20 | 417 | 518 | 635 | 765 | 892 | 1 212 | 1 402 | 1 783 | 2 164 | – | – | – |
| **2,44** | *4,90 | 11,80 | 460 | 561 | 678 | 805 | 932 | 1 252 | 1 443 | 1 824 | 2 205 | – | – | – |
| **2,44** | 9,75 | 23,60 | – | – | – | – | 577 | 904 | 1 100 | 1 483 | 1 867 | 2 172 | 2 504 | 3 139 |
| **2,46** | *4,65 | 11,30 | 475 | 577 | 693 | 820 | 947 | 1 267 | 1 458 | 1 839 | 2 220 | – | – | – |
| **2,49** | 11,30 | 28,00 | – | – | – | – | – | 775 | 970 | 1 359 | 1 742 | 2 050 | 2 383 | 3 018 |
| **2,51** | *4,40 | 10,90 | 488 | 592 | 706 | 833 | 960 | 1 280 | 1 471 | 1 852 | 2 233 | – | – | – |
| **2,51** | 7,50 | 18,70 | – | – | 472 | 605 | 734 | 1 054 | 1 247 | 1 631 | 2 012 | 2 319 | 2 649 | 3 284 |
| **2,51** | 8,50 | 21,20 | – | – | – | 526 | 658 | 983 | 1 173 | 1 557 | 1 941 | 2 245 | 2 578 | 3 213 |
| **2,51** | 15,00 | 37,50 | – | – | – | – | – | – | – | 1 074 | 1 466 | 1 775 | 2 108 | 2 748 |
| **2,53** | 12,50 | 31,50 | – | – | – | – | – | 665 | 866 | 1 257 | 1 643 | 1 953 | 2 283 | 2 924 |
| **2,56** | *6,30 | 16,00 | 333 | 439 | 556 | 686 | 815 | 1 135 | 1 328 | 1 709 | 2 090 | – | – | – |
| **2,57** | *4,65 | 11,80 | 462 | 566 | 681 | 810 | 937 | 1 257 | 1 448 | 1 829 | 2 210 | – | – | – |
| **2,57** | *5,20 | 13,20 | 422 | 526 | 640 | 770 | 897 | 1 217 | 1 407 | 1 788 | 2 172 | – | – | – |
| **2,57** | *5,50 | 14,00 | 396 | 500 | 617 | 747 | 874 | 1 194 | 1 384 | 1 768 | 2 149 | – | – | – |
| **2,57** | *5,90 | 15,00 | 366 | 470 | 587 | 716 | 846 | 1 166 | 1 356 | 1 737 | 2 121 | – | – | – |
| **2,57** | 9,25 | 23,60 | – | – | – | 450 | 587 | 914 | 1 107 | 1 494 | 1 877 | 2 182 | 2 512 | 3 150 |
| **2,58** | *4,90 | 12,50 | 442 | 546 | 663 | 790 | 917 | 1 237 | 1 427 | 1 808 | 2 192 | – | – | – |
| **2,58** | 10,90 | 28,00 | – | – | – | – | – | 782 | 978 | 1 367 | 1 750 | 2 057 | 2 390 | 3 025 |
| **2,60** | *4,40 | 11,30 | 480 | 582 | 699 | 826 | 953 | 1 273 | 1 463 | 1 844 | 2 225 | – | – | – |
| **2,64** | 9,00 | 23,60 | – | – | – | 455 | 589 | 919 | 1 113 | 1 496 | 1 880 | 2 187 | 2 517 | 3 155 |
| **2,66** | 7,10 | 18,70 | – | 356 | 478 | 610 | 742 | 1 062 | 1 255 | 1 638 | 2 019 | 2 327 | 2 657 | 3 292 |
| **2,67** | 8,00 | 21,20 | – | – | 399 | 533 | 665 | 991 | 1 184 | 1 567 | 1 951 | 2 256 | 2 588 | 3 223 |
| **2,68** | 11,80 | 31,50 | – | – | – | – | – | 678 | 879 | 1 270 | 1 656 | 1 966 | 2 299 | 2 936 |
| **2,69** | 14,00 | 37,50 | – | – | – | – | – | – | 683 | 1 090 | 1 483 | 1 793 | 2 126 | 2 766 |
| **2,72** | *4,40 | 11,80 | 467 | 572 | 686 | 815 | 942 | 1 260 | 1 453 | 1 834 | 2 215 | – | – | – |
| **2,73** | *4,65 | 12,50 | 447 | 551 | 665 | 795 | 922 | 1 242 | 1 433 | 1 814 | 2 195 | – | – | – |
| **2,73** | *4,90 | 13,20 | 427 | 531 | 645 | 775 | 902 | 1 222 | 1 412 | 1 796 | 2 177 | – | – | – |
| **2,73** | *5,20 | 14,00 | 401 | 505 | 622 | 752 | 879 | 1 199 | 1 389 | 1 773 | 2 154 | – | – | – |
| **2,74** | *5,90 | 16,00 | 338 | 447 | 564 | 693 | 823 | 1 143 | 1 336 | 1 717 | 2 098 | – | – | – |
| **2,74** | 10,30 | 28,00 | – | – | – | – | – | 792 | 988 | 1 377 | 1 763 | 2 068 | 2 400 | 3 038 |
| **2,76** | *5,50 | 15,00 | 371 | 478 | 594 | 724 | 853 | 1 173 | 1 364 | 1 745 | 2 129 | – | – | – |
| **2,80** | 8,50 | 23,60 | – | – | – | 462 | 599 | 927 | 1 120 | 1 506 | 1 890 | 2 197 | 2 527 | 3 165 |
| **2,80** | 11,30 | 31,50 | – | – | – | – | – | 686 | 886 | 1 280 | 1 666 | 1 974 | 2 306 | 2 944 |
| **2,82** | *6,70 | 18,70 | – | 363 | 485 | 617 | 747 | 1 069 | 1 262 | 1 646 | 2 027 | – | – | – |
| **2,85** | 7,50 | 21,20 | – | – | 406 | 544 | 676 | 1 001 | 1 194 | 1 577 | 1 961 | 2 266 | 2 596 | 3 233 |
| **2,85** | 13,20 | 37,50 | – | – | – | – | – | – | 696 | 1 105 | 1 496 | 1 806 | 2 141 | 2 781 |
| **2,88** | *4,40 | 12,50 | 452 | 556 | 671 | 800 | 927 | 1 247 | 1 438 | 1 819 | 2 200 | – | – | – |
| **2,88** | *4,65 | 13,20 | 429 | 533 | 650 | 780 | 907 | 1 227 | 1 417 | 1 801 | 2 182 | – | – | – |
| **2,89** | 9,75 | 28,00 | – | – | – | – | – | 800 | 998 | 1 387 | 1 773 | 2 078 | 2 410 | 3 048 |
| **2,90** | *4,90 | 14,00 | 406 | 511 | 627 | 757 | 886 | 1 204 | 1 397 | 1 778 | 2 159 | – | – | – |
| **2,91** | 10,90 | 31,50 | – | – | – | – | – | 691 | 894 | 1 285 | 1 674 | 1 981 | 2 314 | 2 951 |
| **2,92** | *5,20 | 15,00 | 376 | 483 | 599 | 729 | 859 | 1 179 | 1 369 | 1 753 | 2 134 | – | – | – |
| **2,94** | *5,50 | 16,00 | 345 | 452 | 572 | 701 | 831 | 1 151 | 1 344 | 1 725 | 2 106 | – | – | – |
| **2,97** | 8,00 | 23,60 | – | – | – | 470 | 607 | 937 | 1 130 | 1 516 | 1 900 | 2 205 | 2 537 | 3 172 |
| **3,00** | *6,30 | 18,70 | – | 368 | 493 | 625 | 754 | 1 077 | 1 270 | 1 654 | 2 035 | – | – | – |
| **3,01** | 7,10 | 21,20 | – | – | 411 | 549 | 681 | 1 006 | 1 199 | 1 585 | 1 969 | 2 273 | 2 604 | 3 241 |
| **3,02** | 12,50 | 37,50 | – | – | – | – | – | – | 709 | 1 115 | 1 509 | 1 819 | 2 154 | 2 794 |
| **3,05** | *4,40 | 13,20 | 434 | 538 | 655 | 785 | 912 | 1 232 | 1 422 | 1 803 | 2 187 | – | – | – |
| **3,05** | *4,65 | 14,00 | 411 | 516 | 632 | 762 | 889 | 1 209 | 1 402 | 1 783 | 2 164 | – | – | – |
| **3,05** | 9,25 | 28,00 | – | – | – | – | – | 810 | 1 006 | 1 394 | 1 781 | 2 088 | 2 421 | 3 058 |
| **3,08** | 10,30 | 31,50 | – | – | – | – | – | 701 | 904 | 1 298 | 1 684 | 1 994 | 2 327 | 2 964 |
| **3,10** | *4,90 | 15,00 | 381 | 488 | 605 | 734 | 864 | 1 184 | 1 374 | 1 758 | 2 139 | – | – | – |
| **3,12** | *5,20 | 16,00 | 351 | 457 | 577 | 706 | 836 | 1 156 | 1 349 | 1 730 | 2 113 | – | – | – |
| **3,13** | 9,00 | 28,00 | – | – | – | – | – | 813 | 1 011 | 1 400 | 1 786 | 2 093 | 2 426 | 3 063 |
| **3,14** | 16,00 | 50,00 | – | – | – | – | – | – | – | – | 1 140 | 1 463 | 1 806 | 2 456 |
| **3,18** | 7,50 | 23,60 | – | – | – | 478 | 615 | 945 | 1 138 | 1 524 | 1 908 | 2 215 | 2 548 | 3 183 |
| **3,20** | *6,70 | 21,20 | – | – | 419 | 556 | 688 | 1 013 | 1 207 | 1 593 | 1 974 | – | – | – |
| **3,20** | 11,80 | 37,50 | – | – | – | – | – | – | 719 | 1 128 | 1 521 | 1 831 | 2 167 | 2 807 |
| **3,21** | *5,90 | 18,70 | – | 376 | 498 | 632 | 762 | 1 085 | 1 278 | 1 661 | 2 042 | – | – | – |
| **3,23** | *4,40 | 14,00 | 414 | 521 | 638 | 767 | 894 | 1 214 | 1 405 | 1 788 | 2 169 | – | – | – |
| **3,25** | 9,75 | 31,50 | – | – | – | – | – | 711 | 912 | 1 306 | 1 694 | 2 004 | 2 337 | 2 974 |
| **3,27** | *4,65 | 15,00 | 386 | 493 | 610 | 739 | 869 | 1 189 | 1 379 | 1 763 | 2 144 | – | – | – |
| **3,31** | *4,90 | 16,00 | 356 | 462 | 582 | 711 | 841 | 1 161 | 1 354 | 1 737 | 2 118 | – | – | – |
| **3,32** | 8,50 | 28,00 | – | – | – | – | – | 823 | 1 019 | 1 410 | 1 796 | 2 103 | 2 433 | 3 071 |
| **3,34** | 11,30 | 37,50 | – | – | – | – | – | – | 726 | 1 135 | 1 529 | 1 842 | 2 177 | 2 817 |
| **3,35** | 15,00 | 50,00 | – | – | – | – | – | – | – | – | 1 156 | 1 481 | 1 824 | 2 474 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Table 4n

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5V 5VX | 5VX | 5VX | 5VX |
| | Driver | Driven | 630 | 710 | 800 | 900 | 1 000 | 1 250 | 1 400 | 1 700 | 2 000 | 2 240 | 2 500 | 3 000 |
| – | in. | | mm | | | | | | | | | | | |
| **3,36** | 7,10 | 23,60 | – | – | – | 485 | 622 | 953 | 1 146 | 1 532 | 1 915 | 2 223 | 2 553 | 3 190 |
| **3,40** | *6,30 | 21,20 | – | – | 424 | 561 | 696 | 1 021 | 1 214 | 1 600 | 1 981 | – | – | – |
| **3,43** | 9,25 | 31,50 | – | – | – | – | – | 719 | 922 | 1 316 | 1 704 | 2 012 | 2 344 | 2 985 |
| **3,44** | *5,50 | 18,70 | – | 381 | 505 | 638 | 770 | 1 092 | 1 285 | 1 669 | 2 050 | – | – | – |
| **3,46** | 10,90 | 37,50 | – | – | – | – | – | – | 734 | 1 143 | 1 537 | 1 849 | 2 184 | 2 824 |
| **3,47** | *4,40 | 15,00 | 389 | 495 | 615 | 744 | 874 | 1 194 | 1 384 | 1 768 | 2 149 | – | – | – |
| **3,49** | *4,65 | 16,00 | 358 | 467 | 587 | 716 | 846 | 1 166 | 1 359 | 1 740 | 2 123 | – | – | – |
| **3,53** | 8,00 | 28,00 | – | – | – | – | 483 | 831 | 1 029 | 1 417 | 1 803 | 2 111 | 2 443 | 3 081 |
| **3,53** | 9,00 | 31,50 | – | – | – | – | – | 721 | 925 | 1 321 | 1 707 | 2 017 | 2 350 | 2 990 |
| **3,56** | *6,70 | 23,60 | – | – | – | 490 | 627 | 960 | 1 153 | 1 539 | 1 923 | – | – | – |
| **3,59** | 14,00 | 50,00 | – | – | – | – | – | – | – | – | 1 173 | 1 499 | 1 842 | 2 492 |
| **3,64** | *5,90 | 21,20 | – | – | 432 | 569 | 704 | 1 029 | 1 222 | 1 608 | 1 989 | – | – | – |
| **3,65** | *5,20 | 18,70 | – | 386 | 511 | 643 | 775 | 1 097 | 1 290 | 1 674 | 2 055 | – | – | – |
| **3,67** | 10,30 | 37,50 | – | – | – | – | – | – | 742 | 1 153 | 1 547 | 1 859 | 2 195 | 2 835 |
| **3,70** | *4,40 | 16,00 | 363 | 472 | 592 | 721 | 851 | 1 171 | 1 364 | 1 745 | 2 129 | – | – | – |
| **3,74** | 8,50 | 31,50 | – | – | – | – | – | 732 | 935 | 1 328 | 1 717 | 2 027 | 2 360 | 2 997 |
| **3,77** | 7,50 | 28,00 | – | – | – | – | 490 | 838 | 1 036 | 1 427 | 1 814 | 2 121 | 2 454 | 3 091 |
| **3,79** | *6,30 | 23,60 | – | – | – | 498 | 635 | 965 | 1 161 | 1 547 | 1 930 | – | – | – |
| **3,81** | 13,20 | 50,00 | – | – | – | – | – | – | – | – | 1 186 | 1 511 | 1 854 | 2 504 |
| **3,88** | *4,90 | 18,70 | – | 391 | 516 | 648 | 780 | 1 102 | 1 295 | 1 679 | 2 062 | – | – | – |
| **3,88** | 9,75 | 37,50 | – | – | – | – | – | – | 752 | 1 163 | 1 557 | 1 869 | 2 205 | 2 845 |
| **3,91** | *5,50 | 21,20 | – | – | 437 | 577 | 709 | 1 036 | 1 229 | 1 613 | 1 996 | – | – | – |
| **3,97** | 8,00 | 31,50 | – | – | – | – | – | 739 | 942 | 1 339 | 1 727 | 2 035 | 2 367 | 3 007 |
| **3,99** | 7,10 | 28,00 | – | – | – | – | 498 | 846 | 1 044 | 1 435 | 1 821 | 2 129 | 2 461 | 3 099 |
| **4,02** | 12,50 | 50,00 | – | – | – | – | – | – | – | – | 1 196 | 1 524 | 1 867 | 2 517 |
| **4,05** | *5,90 | 23,60 | – | – | – | 503 | 643 | 973 | 1 168 | 1 554 | 1 938 | – | – | – |
| **4,09** | *4,65 | 18,70 | – | 394 | 518 | 653 | 785 | 1 107 | 1 300 | 1 684 | 2 068 | – | – | – |
| **4,09** | 9,25 | 37,50 | – | – | – | – | – | – | 759 | 1 171 | 1 567 | 1 877 | 2 212 | 2 855 |
| **4,14** | *5,20 | 21,20 | – | – | 442 | 582 | 714 | 1 041 | 1 234 | 1 621 | 2 004 | – | – | – |
| **4,20** | 9,00 | 37,50 | – | – | – | – | – | – | 762 | 1 176 | 1 570 | 1 882 | 2 217 | 2 860 |
| **4,23** | *6,70 | 28,00 | – | – | – | – | 503 | 851 | 1 052 | 1 440 | 1 829 | – | – | – |
| **4,24** | 7,50 | 31,50 | – | – | – | – | – | 747 | 950 | 1 346 | 1 735 | 2 045 | 2 377 | 3 018 |
| **4,26** | 11,80 | 50,00 | – | – | – | – | – | – | – | – | 1 209 | 1 534 | 1 880 | 2 530 |
| **4,33** | *4,40 | 18,70 | – | 399 | 523 | 658 | 787 | 1 113 | 1 306 | 1 689 | 2 070 | – | – | – |
| **4,35** | *5,50 | 23,60 | – | – | – | 511 | 648 | 980 | 1 176 | 1 562 | 1 946 | – | – | – |
| **4,40** | *4,90 | 21,20 | – | – | 447 | 584 | 719 | 1 046 | 1 240 | 1 626 | 2 009 | – | – | – |
| **4,45** | 8,50 | 37,50 | – | – | – | – | – | – | 770 | 1 184 | 1 580 | 1 892 | 2 228 | 2 868 |
| **4,46** | 11,30 | 50,00 | – | – | – | – | – | – | – | – | 1 217 | 1 542 | 1 887 | 2 540 |
| **4,49** | 7,10 | 31,50 | – | – | – | – | – | 752 | 958 | 1 354 | 1 742 | 2 052 | 2 385 | 3 025 |
| **4,50** | *6,30 | 28,00 | – | – | – | – | 508 | 859 | 1 057 | 1 448 | 1 834 | – | – | – |
| **4,61** | *5,20 | 23,60 | – | – | – | 516 | 653 | 986 | 1 181 | 1 567 | 1 951 | – | – | – |
| **4,62** | 10,90 | 50,00 | – | – | – | – | – | – | – | – | 1 222 | 1 549 | 1 895 | 2 548 |
| **4,64** | *4,65 | 21,20 | – | – | 450 | 589 | 724 | 1 052 | 1 245 | 1 631 | 2 014 | – | – | – |
| **4,73** | 8,00 | 37,50 | – | – | – | – | – | – | 777 | 1 191 | 1 588 | 1 900 | 2 235 | 2 878 |
| **4,76** | *6,70 | 31,50 | – | – | – | – | – | 759 | 965 | 1 361 | 1 750 | – | – | – |
| **4,81** | *5,90 | 28,00 | – | – | – | – | 516 | 866 | 1 064 | 1 455 | 1 842 | – | – | – |
| **4,89** | 10,30 | 50,00 | – | – | – | – | – | – | – | – | 1 232 | 1 560 | 1 905 | 2 558 |
| **4,90** | *4,90 | 23,60 | – | – | – | 518 | 658 | 991 | 1 186 | 1 572 | 1 956 | – | – | – |
| **4,91** | *4,40 | 21,20 | – | – | 455 | 594 | 729 | 1 054 | 1 250 | 1 633 | 2 017 | – | – | – |
| **5,05** | 7,50 | 37,50 | – | – | – | – | – | – | 785 | 1 201 | 1 598 | 1 910 | 2 245 | 2 888 |
| **5,06** | *6,30 | 31,50 | – | – | – | – | – | 765 | 970 | 1 367 | 1 758 | – | – | – |
| **5,16** | *4,65 | 23,60 | – | – | – | 523 | 663 | 996 | 1 191 | 1 577 | 1 961 | – | – | – |
| **5,17** | *5,50 | 28,00 | – | – | – | – | 521 | 871 | 1 072 | 1 463 | 1 849 | – | – | – |
| **5,17** | 9,75 | 50,00 | – | – | – | – | – | – | – | 798 | 1 242 | 1 570 | 1 915 | 2 568 |
| **5,34** | 7,10 | 37,50 | – | – | – | – | – | – | 792 | 1 207 | 1 603 | 1 915 | 2 253 | 2 896 |
| **5,41** | *5,90 | 31,50 | – | – | – | – | – | 772 | 978 | 1 374 | 1 763 | – | – | – |
| **5,45** | 9,25 | 50,00 | – | – | – | – | – | – | – | 803 | 1 250 | 1 577 | 1 923 | 2 576 |
| **5,47** | *4,40 | 23,60 | – | – | – | 526 | 665 | 998 | 1 194 | 1 582 | 1 966 | – | – | – |
| **5,47** | *5,20 | 28,00 | – | – | – | – | 526 | 876 | 1 077 | 1 468 | 1 854 | – | – | – |
| **5,61** | 9,00 | 50,00 | – | – | – | – | – | – | – | 808 | 1 252 | 1 582 | 1 928 | 2 581 |
| **5,67** | *6,70 | 37,50 | – | – | – | – | – | – | 798 | 1 214 | 1 610 | – | – | – |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Centre distances
## Section 8V/8V-XP

**Table 4o**

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 1 000 | 1 180 | 1 400 | 1 700 | 2 120 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,00** | 12,50 | 12,50 | 772 | 1 001 | 1 280 | 1 661 | 2 195 | 2 677 | 3 058 | 3 503 | 4 011 | 4 582 | 5 217 | 5 852 |
| **1,00** | 13,20 | 13,20 | 744 | 973 | 1 252 | 1 633 | 2 167 | 2 649 | 3 030 | 3 475 | 3 983 | 4 554 | 5 189 | 5 824 |
| **1,00** | 14,00 | 14,00 | 711 | 940 | 1 219 | 1 600 | 2 134 | 2 616 | 2 997 | 3 442 | 3 950 | 4 521 | 5 156 | 5 791 |
| **1,00** | 15,00 | 15,00 | 673 | 899 | 1 179 | 1 560 | 2 093 | 2 576 | 2 957 | 3 401 | 3 909 | 4 481 | 5 118 | 5 753 |
| **1,00** | 16,00 | 16,00 | 632 | 861 | 1 140 | 1 521 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| **1,00** | 17,00 | 17,00 | 592 | 820 | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| **1,00** | 18,00 | 18,00 | 551 | 780 | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| **1,00** | 19,00 | 19,00 | – | 742 | 1 021 | 1 402 | 1 935 | 2 418 | 2 799 | 3 244 | 3 752 | 4 323 | 4 958 | 5 593 |
| **1,00** | 20,00 | 20,00 | – | 701 | 980 | 1 361 | 1 895 | 2 377 | 2 758 | 3 203 | 3 711 | 4 282 | 4 917 | 5 552 |
| **1,00** | 21,20 | 21,20 | – | 653 | 932 | 1 313 | 1 847 | 2 329 | 2 710 | 3 155 | 3 663 | 4 234 | 4 869 | 5 504 |
| **1,00** | 22,40 | 22,40 | – | – | 884 | 1 265 | 1 798 | 2 281 | 2 662 | 3 106 | 3 614 | 4 186 | 4 821 | 5 456 |
| **1,05** | 19,00 | 20,00 | – | 721 | 1 001 | 1 382 | 1 915 | 2 398 | 2 779 | 3 223 | 3 731 | 4 303 | 4 938 | 5 573 |
| **1,06** | 12,50 | 13,20 | 757 | 986 | 1 265 | 1 646 | 2 179 | 2 662 | 3 043 | 3 487 | 3 995 | 4 567 | 5 202 | 5 837 |
| **1,06** | 13,20 | 14,00 | 726 | 955 | 1 234 | 1 615 | 2 149 | 2 631 | 3 012 | 3 457 | 3 965 | 4 536 | 5 171 | 5 806 |
| **1,06** | 16,00 | 17,00 | 612 | 841 | 1 120 | 1 501 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| **1,06** | 17,00 | 18,00 | 572 | 800 | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| **1,06** | 18,00 | 19,00 | 531 | 762 | 1 041 | 1 422 | 1 956 | 2 438 | 2 819 | 3 264 | 3 772 | 4 343 | 4 978 | 5 613 |
| **1,06** | 20,00 | 21,20 | – | 678 | 958 | 1 339 | 1 872 | 2 355 | 2 736 | 3 180 | 3 688 | 4 260 | 4 895 | 5 530 |
| **1,06** | 21,20 | 22,40 | – | 630 | 909 | 1 290 | 1 824 | 2 306 | 2 687 | 3 132 | 3 640 | 4 211 | 4 846 | 5 481 |
| **1,07** | 14,00 | 15,00 | 691 | 919 | 1 199 | 1 580 | 2 113 | 2 596 | 2 977 | 3 421 | 3 929 | 4 501 | 5 136 | 5 771 |
| **1,07** | 15,00 | 16,00 | 653 | 881 | 1 161 | 1 542 | 2 075 | 2 558 | 2 939 | 3 383 | 3 891 | 4 463 | 5 098 | 5 733 |
| **1,11** | 18,00 | 20,00 | – | 742 | 1 021 | 1 402 | 1 935 | 2 418 | 2 799 | 3 244 | 3 752 | 4 323 | 4 958 | 5 593 |
| **1,11** | 22,40 | 24,80 | – | – | 836 | 1 217 | 1 750 | 2 233 | 2 614 | 3 058 | 3 566 | 4 138 | 4 773 | 5 408 |
| **1,12** | 12,50 | 14,00 | 742 | 970 | 1 250 | 1 631 | 2 164 | 2 647 | 3 028 | 3 472 | 3 980 | 4 552 | 5 187 | 5 822 |
| **1,12** | 17,00 | 19,00 | 551 | 780 | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| **1,12** | 19,00 | 21,20 | – | 696 | 975 | 1 356 | 1 890 | 2 372 | 2 753 | 3 198 | 3 706 | 4 277 | 4 912 | 5 547 |
| **1,12** | 20,00 | 22,40 | – | 653 | 932 | 1 313 | 1 847 | 2 329 | 2 710 | 3 155 | 3 663 | 4 234 | 4 869 | 5 504 |
| **1,13** | 16,00 | 18,00 | 592 | 820 | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| **1,14** | 13,20 | 15,00 | 706 | 937 | 1 217 | 1 598 | 2 131 | 2 614 | 2 995 | 3 439 | 3 947 | 4 519 | 5 154 | 5 789 |
| **1,14** | 14,00 | 16,00 | 671 | 899 | 1 179 | 1 560 | 2 093 | 2 576 | 2 957 | 3 401 | 3 909 | 4 481 | 5 116 | 5 751 |
| **1,14** | 15,00 | 17,00 | 632 | 861 | 1 140 | 1 521 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| **1,17** | 21,20 | 24,80 | – | – | 859 | 1 242 | 1 775 | 2 258 | 2 639 | 3 084 | 3 592 | 4 163 | 4 798 | 5 433 |
| **1,18** | 17,00 | 20,00 | 531 | 759 | 1 039 | 1 420 | 1 953 | 2 436 | 2 817 | 3 261 | 3 769 | 4 341 | 4 976 | 5 611 |
| **1,18** | 18,00 | 21,20 | – | 716 | 996 | 1 377 | 1 910 | 2 393 | 2 774 | 3 218 | 3 726 | 4 298 | 4 933 | 5 568 |
| **1,18** | 19,00 | 22,40 | – | 671 | 953 | 1 334 | 1 867 | 2 350 | 2 731 | 3 175 | 3 683 | 4 255 | 4 890 | 5 525 |
| **1,19** | 16,00 | 19,00 | 572 | 800 | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| **1,20** | 12,50 | 15,00 | 721 | 950 | 1 229 | 1 610 | 2 144 | 2 626 | 3 007 | 3 452 | 3 960 | 4 531 | 5 166 | 5 801 |
| **1,20** | 15,00 | 18,00 | 610 | 841 | 1 120 | 1 501 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| **1,22** | 13,20 | 16,00 | 686 | 917 | 1 196 | 1 577 | 2 111 | 2 593 | 2 974 | 3 419 | 3 927 | 4 498 | 5 133 | 5 768 |
| **1,22** | 14,00 | 17,00 | 650 | 879 | 1 158 | 1 539 | 2 075 | 2 558 | 2 939 | 3 383 | 3 891 | 4 463 | 5 098 | 5 733 |
| **1,24** | 20,00 | 24,80 | – | – | 881 | 1 265 | 1 798 | 2 281 | 2 662 | 3 106 | 3 614 | 4 186 | 4 821 | 5 456 |
| **1,25** | 16,00 | 20,00 | 549 | 780 | 1 059 | 1 440 | 1 974 | 2 456 | 2 837 | 3 282 | 3 790 | 4 361 | 4 996 | 5 631 |
| **1,25** | 17,00 | 21,20 | – | 734 | 1 016 | 1 397 | 1 930 | 2 413 | 2 794 | 3 239 | 3 747 | 4 318 | 4 953 | 5 588 |
| **1,25** | 18,00 | 22,40 | – | 691 | 970 | 1 351 | 1 887 | 2 370 | 2 751 | 3 195 | 3 703 | 4 275 | 4 910 | 5 545 |
| **1,27** | 15,00 | 19,00 | 589 | 818 | 1 100 | 1 481 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| **1,28** | 12,50 | 16,00 | 701 | 930 | 1 209 | 1 590 | 2 123 | 2 606 | 2 987 | 3 432 | 3 940 | 4 511 | 5 146 | 5 781 |
| **1,29** | 13,20 | 17,00 | 665 | 894 | 1 176 | 1 557 | 2 090 | 2 573 | 2 954 | 3 399 | 3 907 | 4 478 | 5 113 | 5 748 |
| **1,29** | 14,00 | 18,00 | 630 | 859 | 1 138 | 1 519 | 2 055 | 2 537 | 2 918 | 3 363 | 3 871 | 4 442 | 5 077 | 5 712 |
| **1,31** | 19,00 | 24,80 | – | 620 | 902 | 1 283 | 1 819 | 2 301 | 2 682 | 3 127 | 3 635 | 4 206 | 4 841 | 5 476 |
| **1,32** | 17,00 | 22,40 | – | 709 | 991 | 1 372 | 1 905 | 2 388 | 2 769 | 3 213 | 3 721 | 4 293 | 4 930 | 5 565 |
| **1,33** | 16,00 | 21,20 | 523 | 754 | 1 034 | 1 415 | 1 951 | 2 433 | 2 814 | 3 259 | 3 767 | 4 338 | 4 973 | 5 608 |
| **1,34** | 15,00 | 20,00 | 569 | 798 | 1 080 | 1 461 | 1 994 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| **1,34** | 22,40 | 30,00 | – | – | 726 | 1 110 | 1 646 | 2 129 | 2 510 | 2 954 | 3 462 | 4 034 | 4 669 | 5 304 |
| **1,36** | 14,00 | 19,00 | 610 | 838 | 1 118 | 1 499 | 2 035 | 2 517 | 2 898 | 3 343 | 3 851 | 4 422 | 5 057 | 5 692 |
| **1,37** | 12,50 | 17,00 | 678 | 909 | 1 189 | 1 570 | 2 103 | 2 586 | 2 967 | 3 411 | 3 919 | 4 491 | 5 126 | 5 761 |
| **1,37** | 13,20 | 18,00 | 645 | 874 | 1 153 | 1 537 | 2 070 | 2 553 | 2 934 | 3 378 | 3 886 | 4 458 | 5 093 | 5 728 |
| **1,38** | 18,00 | 24,80 | – | 640 | 919 | 1 303 | 1 836 | 2 319 | 2 700 | 3 147 | 3 655 | 4 227 | 4 862 | 5 497 |
| **1,41** | 16,00 | 22,40 | – | 729 | 1 008 | 1 392 | 1 925 | 2 408 | 2 789 | 3 233 | 3 741 | 4 313 | 4 948 | 5 583 |
| **1,42** | 15,00 | 21,20 | 544 | 772 | 1 054 | 1 435 | 1 969 | 2 451 | 2 832 | 3 277 | 3 787 | 4 359 | 4 994 | 5 629 |
| **1,42** | 21,20 | 30,00 | – | – | 749 | 1 133 | 1 669 | 2 151 | 2 532 | 2 977 | 3 485 | 4 056 | 4 694 | 5 329 |
| **1,43** | 14,00 | 20,00 | 587 | 818 | 1 097 | 1 478 | 2 014 | 2 497 | 2 878 | 3 322 | 3 830 | 4 402 | 5 037 | 5 672 |
| **1,45** | 12,50 | 18,00 | 658 | 886 | 1 168 | 1 549 | 2 083 | 2 565 | 2 946 | 3 391 | 3 899 | 4 470 | 5 105 | 5 740 |
| **1,45** | 13,20 | 19,00 | 625 | 853 | 1 133 | 1 516 | 2 050 | 2 532 | 2 913 | 3 358 | 3 866 | 4 437 | 5 072 | 5 707 |
| **1,46** | 17,00 | 24,80 | – | 658 | 940 | 1 321 | 1 857 | 2 339 | 2 720 | 3 165 | 3 673 | 4 244 | 4 879 | 5 517 |
| **1,50** | 15,00 | 22,40 | 516 | 747 | 1 029 | 1 410 | 1 946 | 2 428 | 2 809 | 3 254 | 3 762 | 4 333 | 4 968 | 5 603 |
| **1,51** | 20,00 | 30,00 | – | – | 770 | 1 156 | 1 692 | 2 174 | 2 555 | 3 000 | 3 510 | 4 082 | 4 717 | 5 352 |
| **1,52** | 13,20 | 20,00 | 602 | 833 | 1 113 | 1 494 | 2 029 | 2 512 | 2 893 | 3 338 | 3 846 | 4 417 | 5 052 | 5 687 |
| **1,52** | 14,00 | 21,20 | 561 | 792 | 1 072 | 1 455 | 1 989 | 2 471 | 2 852 | 3 297 | 3 805 | 4 376 | 5 011 | 5 646 |
| **1,53** | 12,50 | 19,00 | 638 | 866 | 1 148 | 1 529 | 2 062 | 2 545 | 2 926 | 3 371 | 3 879 | 4 450 | 5 085 | 5 720 |
| **1,56** | 16,00 | 24,80 | – | 676 | 958 | 1 341 | 1 875 | 2 360 | 2 741 | 3 185 | 3 693 | 4 265 | 4 900 | 5 535 |
| **1,59** | 19,00 | 30,00 | – | – | 787 | 1 173 | 1 709 | 2 195 | 2 576 | 3 020 | 3 528 | 4 100 | 4 737 | 5 372 |
| **1,59** | 22,40 | 35,50 | – | – | – | 991 | 1 529 | 2 014 | 2 395 | 2 842 | 3 350 | 3 922 | 4 557 | 5 192 |
| **1,61** | 12,50 | 20,00 | 615 | 846 | 1 125 | 1 509 | 2 042 | 2 525 | 2 906 | 3 350 | 3 858 | 4 430 | 5 067 | 5 702 |
| **1,61** | 14,00 | 22,40 | 533 | 765 | 1 046 | 1 430 | 1 963 | 2 446 | 2 827 | 3 274 | 3 782 | 4 354 | 4 989 | 5 624 |
| **1,62** | 13,20 | 21,20 | 574 | 805 | 1 087 | 1 471 | 2 004 | 2 487 | 2 868 | 3 312 | 3 820 | 4 392 | 5 029 | 5 664 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

Table 4p

| Speed ratio | Pulley outside diameter | | Belt length | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Driver | Driven | 1 000 | 1 180 | 1 400 | 1 700 | 2 120 | 2 500 | 2 800 | 3 150 | 3 550 | 4 000 | 4 500 | 5 000 |
| – | in. | | mm | | | | | | | | | | | |
| **1,66** | 15,00 | 24,80 | – | 693 | 975 | 1 359 | 1 895 | 2 377 | 2 758 | 3 205 | 3 713 | 4 285 | 4 920 | 5 555 |
| **1,67** | 18,00 | 30,00 | – | – | 808 | 1 191 | 1 730 | 2 212 | 2 593 | 3 040 | 3 548 | 4 120 | 4 755 | 5 390 |
| **1,68** | 21,20 | 35,50 | – | – | – | 1 011 | 1 552 | 2 037 | 2 418 | 2 865 | 3 373 | 3 945 | 4 580 | 5 217 |
| **1,71** | 12,50 | 21,20 | 587 | 820 | 1 100 | 1 483 | 2 017 | 2 499 | 2 883 | 3 327 | 3 835 | 4 407 | 5 042 | 5 677 |
| **1,71** | 13,20 | 22,40 | 549 | 780 | 1 062 | 1 445 | 1 979 | 2 461 | 2 845 | 3 289 | 3 797 | 4 369 | 5 004 | 5 639 |
| **1,77** | 17,00 | 30,00 | – | – | 826 | 1 212 | 1 748 | 2 233 | 2 614 | 3 058 | 3 569 | 4 140 | 4 775 | 5 410 |
| **1,78** | 14,00 | 24,80 | – | 711 | 996 | 1 379 | 1 913 | 2 398 | 2 779 | 3 223 | 3 731 | 4 305 | 4 940 | 5 575 |
| **1,78** | 20,00 | 35,50 | – | – | – | 1 034 | 1 572 | 2 060 | 2 441 | 2 888 | 3 396 | 3 967 | 4 605 | 5 240 |
| **1,79** | 22,40 | 40,00 | – | – | – | 886 | 1 430 | 1 918 | 2 301 | 2 748 | 3 256 | 3 830 | 4 465 | 5 100 |
| **1,80** | 12,50 | 22,40 | 559 | 792 | 1 074 | 1 458 | 1 991 | 2 477 | 2 858 | 3 302 | 3 810 | 4 382 | 5 017 | 5 652 |
| **1,88** | 19,00 | 35,50 | – | – | – | 1 052 | 1 593 | 2 078 | 2 461 | 2 906 | 3 416 | 3 988 | 4 623 | 5 260 |
| **1,89** | 13,20 | 24,80 | – | 726 | 1 008 | 1 394 | 1 928 | 2 413 | 2 794 | 3 239 | 3 749 | 4 321 | 4 956 | 5 591 |
| **1,89** | 16,00 | 30,00 | – | – | 843 | 1 229 | 1 765 | 2 250 | 2 634 | 3 078 | 3 586 | 4 158 | 4 796 | 5 431 |
| **1,90** | 21,20 | 40,00 | – | – | – | 907 | 1 453 | 1 941 | 2 324 | 2 771 | 3 279 | 3 853 | 4 488 | 5 123 |
| **1,98** | 18,00 | 35,50 | – | – | – | 1 069 | 1 610 | 2 096 | 2 479 | 2 926 | 3 434 | 4 008 | 4 643 | 5 278 |
| **2,00** | 12,50 | 24,80 | – | 739 | 1 021 | 1 407 | 1 943 | 2 426 | 2 807 | 3 254 | 3 762 | 4 333 | 4 968 | 5 603 |
| **2,00** | 22,40 | 44,50 | – | – | – | – | 1 328 | 1 819 | 2 205 | 2 652 | 3 162 | 3 736 | 4 371 | 5 009 |
| **2,01** | 15,00 | 30,00 | – | – | 859 | 1 247 | 1 786 | 2 271 | 2 652 | 3 096 | 3 607 | 4 178 | 4 813 | 5 448 |
| **2,01** | 20,00 | 40,00 | – | – | – | 927 | 1 473 | 1 963 | 2 347 | 2 791 | 3 302 | 3 876 | 4 511 | 5 149 |
| **2,10** | 17,00 | 35,50 | – | – | – | 1 087 | 1 628 | 2 116 | 2 499 | 2 944 | 3 454 | 4 026 | 4 663 | 5 298 |
| **2,11** | 21,20 | 44,50 | – | – | – | – | 1 349 | 1 842 | 2 228 | 2 675 | 3 185 | 3 759 | 4 394 | 5 032 |
| **2,12** | 19,00 | 40,00 | – | – | – | 945 | 1 491 | 1 981 | 2 365 | 2 812 | 3 322 | 3 894 | 4 531 | 5 166 |
| **2,16** | 14,00 | 30,00 | – | – | 876 | 1 265 | 1 803 | 2 289 | 2 672 | 3 117 | 3 625 | 4 199 | 4 834 | 5 469 |
| **2,23** | 16,00 | 35,50 | – | – | 709 | 1 105 | 1 646 | 2 134 | 2 517 | 2 964 | 3 472 | 4 046 | 4 681 | 5 316 |
| **2,24** | 18,00 | 40,00 | – | – | – | 963 | 1 511 | 1 999 | 2 383 | 2 830 | 3 340 | 3 914 | 4 549 | 5 187 |
| **2,24** | 20,00 | 44,50 | – | – | – | – | 1 372 | 1 862 | 2 248 | 2 697 | 3 208 | 3 782 | 4 417 | 5 055 |
| **2,29** | 13,20 | 30,00 | – | 599 | 892 | 1 280 | 1 819 | 2 304 | 2 687 | 3 132 | 3 640 | 4 214 | 4 849 | 5 484 |
| **2,36** | 19,00 | 44,50 | – | – | – | – | 1 389 | 1 882 | 2 266 | 2 715 | 3 226 | 3 800 | 4 437 | 5 072 |
| **2,37** | 17,00 | 40,00 | – | – | – | 978 | 1 529 | 2 017 | 2 403 | 2 850 | 3 360 | 3 932 | 4 569 | 5 204 |
| **2,38** | 22,40 | 53,00 | – | – | – | – | 1 123 | 1 626 | 2 014 | 2 466 | 2 979 | 3 556 | 4 194 | 4 831 |
| **2,39** | 15,00 | 35,50 | – | – | 724 | 1 123 | 1 666 | 2 151 | 2 535 | 2 982 | 3 493 | 4 064 | 4 702 | 5 337 |
| **2,42** | 12,50 | 30,00 | – | 610 | 904 | 1 293 | 1 831 | 2 316 | 2 700 | 3 145 | 3 655 | 4 227 | 4 862 | 5 499 |
| **2,49** | 18,00 | 44,50 | – | – | – | 846 | 1 407 | 1 900 | 2 286 | 2 733 | 3 246 | 3 820 | 4 455 | 5 093 |
| **2,51** | 21,20 | 53,00 | – | – | – | – | 1 140 | 1 646 | 2 037 | 2 489 | 3 002 | 3 579 | 4 216 | 4 854 |
| **2,52** | 16,00 | 40,00 | – | – | – | 996 | 1 547 | 2 035 | 2 421 | 2 868 | 3 378 | 3 952 | 4 587 | 5 225 |
| **2,56** | 14,00 | 35,50 | – | – | 742 | 1 140 | 1 684 | 2 172 | 2 555 | 3 002 | 3 510 | 4 084 | 4 719 | 5 357 |
| **2,64** | 17,00 | 44,50 | – | – | – | 861 | 1 422 | 1 918 | 2 304 | 2 753 | 3 264 | 3 838 | 4 475 | 5 113 |
| **2,67** | 20,00 | 53,00 | – | – | – | – | 1 161 | 1 666 | 2 057 | 2 510 | 3 025 | 3 599 | 4 239 | 4 877 |
| **2,69** | 15,00 | 40,00 | – | – | – | 1 013 | 1 565 | 2 055 | 2 438 | 2 885 | 3 396 | 3 970 | 4 608 | 5 243 |
| **2,72** | 13,20 | 35,50 | – | – | 754 | 1 153 | 1 697 | 2 184 | 2 570 | 3 015 | 3 526 | 4 100 | 4 735 | 5 372 |
| **2,80** | 16,00 | 44,50 | – | – | – | 879 | 1 440 | 1 935 | 2 322 | 2 771 | 3 282 | 3 856 | 4 493 | 5 131 |
| **2,81** | 19,00 | 53,00 | – | – | – | – | 1 179 | 1 684 | 2 075 | 2 527 | 3 043 | 3 620 | 4 257 | 4 895 |
| **2,83** | 22,40 | 63,00 | – | – | – | – | – | 1 377 | 1 778 | 2 238 | 2 758 | 3 338 | 3 978 | 4 618 |
| **2,87** | 12,50 | 35,50 | – | – | 765 | 1 166 | 1 709 | 2 200 | 2 583 | 3 030 | 3 538 | 4 112 | 4 750 | 5 385 |
| **2,88** | 14,00 | 40,00 | – | – | – | 1 029 | 1 582 | 2 073 | 2 456 | 2 906 | 3 416 | 3 990 | 4 625 | 5 263 |
| **2,97** | 18,00 | 53,00 | – | – | – | – | 1 194 | 1 702 | 2 093 | 2 545 | 3 061 | 3 637 | 4 277 | 4 915 |
| **2,99** | 15,00 | 44,50 | – | – | – | 894 | 1 458 | 1 953 | 2 339 | 2 789 | 3 302 | 3 876 | 4 514 | 5 151 |
| **2,99** | 21,20 | 63,00 | – | – | – | – | – | 1 394 | 1 798 | 2 258 | 2 779 | 3 360 | 4 001 | 4 641 |
| **3,06** | 13,20 | 40,00 | – | – | – | 1 044 | 1 595 | 2 085 | 2 471 | 2 921 | 3 432 | 4 006 | 4 641 | 5 278 |
| **3,14** | 17,00 | 53,00 | – | – | – | – | 1 212 | 1 720 | 2 111 | 2 563 | 3 078 | 3 655 | 4 295 | 4 933 |
| **3,17** | 20,00 | 63,00 | – | – | – | – | – | 1 415 | 1 819 | 2 281 | 2 799 | 3 381 | 4 023 | 4 663 |
| **3,19** | 22,40 | 71,00 | – | – | – | – | – | - | 1 572 | 2 045 | 2 573 | 3 157 | 3 802 | 4 445 |
| **3,21** | 14,00 | 44,50 | – | – | – | 909 | 1 476 | 1 971 | 2 357 | 2 807 | 3 320 | 3 894 | 4 531 | 5 169 |
| **3,24** | 12,50 | 40,00 | – | – | – | 1 054 | 1 608 | 2 098 | 2 484 | 2 934 | 3 444 | 4 018 | 4 656 | 5 291 |
| **3,34** | 16,00 | 53,00 | – | – | – | – | 1 227 | 1 735 | 2 129 | 2 583 | 3 096 | 3 675 | 4 313 | 4 953 |
| **3,34** | 19,00 | 63,00 | – | – | – | – | – | 1 430 | 1 836 | 2 299 | 2 817 | 3 399 | 4 041 | 4 681 |
| **3,37** | 21,20 | 71,00 | – | – | – | – | – | - | 1 593 | 2 065 | 2 593 | 3 178 | 3 825 | 4 468 |
| **3,41** | 13,20 | 44,50 | – | – | – | 922 | 1 488 | 1 984 | 2 372 | 2 822 | 3 335 | 3 909 | 4 547 | 5 184 |
| **3,53** | 18,00 | 63,00 | – | – | – | – | – | 1 448 | 1 852 | 2 314 | 2 835 | 3 416 | 4 059 | 4 699 |
| **3,57** | 15,00 | 53,00 | – | – | – | – | 1 242 | 1 753 | 2 146 | 2 601 | 3 114 | 3 693 | 4 333 | 4 971 |
| **3,58** | 20,00 | 71,00 | – | – | – | – | – | - | 1 610 | 2 085 | 2 614 | 3 200 | 3 846 | 4 488 |
| **3,60** | 12,50 | 44,50 | – | – | – | 935 | 1 501 | 1 996 | 2 385 | 2 835 | 3 348 | 3 922 | 4 559 | 5 197 |
| **3,74** | 17,00 | 63,00 | – | – | – | – | – | 1 463 | 1 869 | 2 332 | 2 852 | 3 434 | 4 079 | 4 719 |
| **3,77** | 19,00 | 71,00 | – | – | – | – | – | 1 199 | 1 628 | 2 103 | 2 631 | 3 218 | 3 863 | 4 506 |
| **3,83** | 14,00 | 53,00 | – | – | – | – | 1 260 | 1 770 | 2 164 | 2 619 | 3 134 | 3 711 | 4 351 | 4 989 |
| **3,97** | 16,00 | 63,00 | – | – | – | – | – | 1 478 | 1 887 | 2 350 | 2 870 | 3 454 | 4 097 | 4 737 |
| **3,98** | 18,00 | 71,00 | – | – | – | – | – | 1 214 | 1 643 | 2 118 | 2 649 | 3 236 | 3 881 | 4 526 |
| **4,06** | 13,20 | 53,00 | – | – | – | – | 1 273 | 1 783 | 2 177 | 2 631 | 3 147 | 3 726 | 4 366 | 5 004 |
| **4,21** | 17,00 | 71,00 | – | – | – | – | – | 1 229 | 1 659 | 2 136 | 2 664 | 3 254 | 3 899 | 4 544 |
| **4,24** | 15,00 | 63,00 | – | – | – | – | – | 1 496 | 1 902 | 2 367 | 2 888 | 3 472 | 4 115 | 4 755 |
| **4,29** | 12,50 | 53,00 | – | – | – | – | 1 283 | 1 796 | 2 189 | 2 644 | 3 160 | 3 739 | 4 379 | 5 017 |
| **4,48** | 16,00 | 71,00 | – | – | – | – | – | 1 245 | 1 676 | 2 151 | 2 682 | 3 272 | 3 919 | 4 562 |
| **4,55** | 14,00 | 63,00 | – | – | – | – | – | 1 511 | 1 920 | 2 385 | 2 906 | 3 490 | 4 133 | 4 775 |
| **4,78** | 15,00 | 71,00 | – | – | – | – | – | 1 260 | 1 692 | 2 169 | 2 700 | 3 289 | 3 937 | 4 580 |
| **4,83** | 13,20 | 63,00 | – | – | – | – | – | 1 524 | 1 933 | 2 398 | 2 921 | 3 503 | 4 148 | 4 788 |
| **5,11** | 12,50 | 63,00 | – | – | – | – | – | 1 537 | 1 946 | 2 410 | 2 934 | 3 515 | 4 161 | 4 801 |
| **5,13** | 14,00 | 71,00 | – | – | – | – | – | 1 275 | 1 707 | 2 187 | 2 718 | 3 307 | 3 955 | 4 597 |
| **5,45** | 13,20 | 71,00 | – | – | – | – | – | 1 288 | 1 720 | 2 200 | 2 731 | 3 320 | 3 967 | 4 613 |
| **5,76** | 12,50 | 71,00 | – | – | – | – | – | 1 298 | 1 732 | 2 210 | 2 743 | 3 332 | 3 980 | 4 625 |

*Due to high belt flexing, only raw edge cogged belts should be used in combination with these pulleys.

# Recommended standard pulley diameters for faster shaft

| Pulleys datum diameters | 50 | 56 | 60 | 63 | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | | | | | | | | | | | | | | | | | | | | | | | | |
| Z | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | |
| A | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |
| B | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C | | | | | | | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ |
| D | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPZ/SPZ-XP | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| SPA/SPA-XP | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SPB/SPB-XP | | | | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SPC/SPC-XP | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZX | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | |
| AX | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| BX | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CX | | | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| XPZ | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| XPA | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| XPB | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| XPC | | | | | | | | | | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ |

*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios with standard pulley diameters

| Pulley datum diameter [mm] | 50 | 56 | 60 | 63 | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | – | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 1 | 1,12 | 1,20 | 1,26 | 1,34 | 1,42 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2 | 2,12 | 2,24 | 2,36 | 2,50 | 2,64 | 2,80 | 3 | 3,20 | 3,40 | 3,60 | 3,80 | 4 | 4,24 |
| 56 | | 1 | 1,07 | 1,13 | 1,20 | 1,27 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,79 | 1,89 | 2 | 2,11 | 2,23 | 2,36 | 2,50 | 2,68 | 2,86 | 3,04 | 3,21 | 3,39 | 3,57 | 3,79 |
| 60 | | | 1 | 1,05 | 1,12 | 1,18 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,67 | 1,77 | 1,87 | 1,97 | 2,08 | 2,20 | 2,33 | 2,50 | 2,67 | 2,83 | 3 | 3,17 | 3,33 | 3,53 |
| 63 | | | | 1 | 1,06 | 1,13 | 1,19 | 1,27 | 1,35 | 1,43 | 1,51 | 1,59 | 1,68 | 1,78 | 1,87 | 1,98 | 2,10 | 2,22 | 2,38 | 2,54 | 2,70 | 2,86 | 3,02 | 3,17 | 3,37 |
| 67 | | | | | 1 | 1,06 | 1,12 | 1,19 | 1,27 | 1,34 | 1,42 | 1,49 | 1,58 | 1,67 | 1,76 | 1,87 | 1,97 | 2,09 | 2,24 | 2,39 | 2,54 | 2,69 | 2,84 | 2,99 | 3,16 |
| 71 | | | | | | 1 | 1,06 | 1,13 | 1,20 | 1,27 | 1,34 | 1,41 | 1,49 | 1,58 | 1,66 | 1,76 | 1,86 | 1,97 | 2,11 | 2,25 | 2,39 | 2,54 | 2,68 | 2,82 | 2,99 |
| 75 | | | | | | | 1 | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,41 | 1,49 | 1,57 | 1,67 | 1,76 | 1,87 | 2 | 2,13 | 2,27 | 2,40 | 2,53 | 2,67 | 2,83 |
| 80 | | | | | | | | 1 | 1,06 | 1,13 | 1,19 | 1,25 | 1,33 | 1,40 | 1,48 | 1,56 | 1,65 | 1,75 | 1,88 | 2 | 2,13 | 2,25 | 2,38 | 2,50 | 2,65 |
| 85 | | | | | | | | | 1 | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,39 | 1,47 | 1,55 | 1,65 | 1,76 | 1,88 | 2 | 2,12 | 2,24 | 2,35 | 2,49 |
| 90 | | | | | | | | | | 1 | 1,06 | 1,11 | 1,18 | 1,24 | 1,31 | 1,39 | 1,47 | 1,56 | 1,67 | 1,78 | 1,89 | 2 | 2,11 | 2,22 | 2,36 |
| 95 | | | | | | | | | | | 1 | 1,05 | 1,12 | 1,18 | 1,24 | 1,32 | 1,39 | 1,47 | 1,58 | 1,68 | 1,79 | 1,89 | 2 | 2,11 | 2,23 |
| 100 | | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,40 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2 | 2,12 |
| 106 | | | | | | | | | | | | | 1 | 1,06 | 1,11 | 1,18 | 1,25 | 1,32 | 1,42 | 1,51 | 1,60 | 1,70 | 1,79 | 1,89 | 2 |
| 112 | | | | | | | | | | | | | | 1 | 1,05 | 1,12 | 1,18 | 1,25 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,79 | 1,89 |
| 118 | | | | | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,19 | 1,27 | 1,36 | 1,44 | 1,53 | 1,61 | 1,69 | 1,80 |
| 125 | | | | | | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,20 | 1,28 | 1,36 | 1,44 | 1,52 | 1,60 | 1,70 |
| 132 | | | | | | | | | | | | | | | | | 1 | 1,06 | 1,14 | 1,21 | 1,29 | 1,36 | 1,44 | 1,52 | 1,61 |
| 140 | | | | | | | | | | | | | | | | | | 1 | 1,07 | 1,14 | 1,21 | 1,29 | 1,36 | 1,43 | 1,51 |
| 150 | | | | | | | | | | | | | | | | | | | 1 | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,41 |
| 160 | | | | | | | | | | | | | | | | | | | | 1 | 1,06 | 1,13 | 1,19 | 1,25 | 1,33 |
| 170 | | | | | | | | | | | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,18 | 1,25 |
| 180 | | | | | | | | | | | | | | | | | | | | | | 1 | 1,06 | 1,11 | 1,18 |
| 190 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1,05 | 1,12 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1,06 |
| 212 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 224 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 236 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 265 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 280 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 315 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 335 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 355 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 375 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 425 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 475 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 530 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 560 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 630 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 710 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 250 | | | | | | | | | | | | | | | | | | | | | | | | | |

# – metric ISO pulleys

Table 5a

| 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 630 | 710 | 800 | 900 | 1 000 | 1 250 | – |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | Z |
| | | | | | | | | | | | | | | | | | | | | | | | A |
| ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | B |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | C |
| | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | D |
| | | | | | | | | | | | | | | | | | | | | | | | SPZ/SPZ-XP |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | SPA/SPA-XP |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | SPB/SPB-XP |
| | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | SPC/SPC-XP |
| | | | | | | | | | | | | | | | | | | | | | | | ZX |
| | | | | | | | | | | | | | | | | | | | | | | | AX |
| ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | BX |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | CX |
| | | | | | | | | | | | | | | | | | | | | | | | XPZ |
| ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | XPA |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | XPB |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | XPC |

# – metric ISO pulleys

Table 5b

| 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 630 | 710 | 800 | 900 | 1 000 | 1 250 | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,48 | 4,72 | 5 | 5,30 | 5,60 | 6 | 6,30 | 6,70 | 7,10 | 7,50 | 8 | 8,50 | 9 | 9,50 | 10 | 10,60 | 11,20 | 12,60 | 14,20 | 16 | 18 | 20 | 25 | **50** |
| 4 | 4,21 | 4,46 | 4,73 | 5 | 5,36 | 5,63 | 5,98 | 6,34 | 6,70 | 7,14 | 7,59 | 8,04 | 8,48 | 8,93 | 9,46 | 10 | 11,25 | 12,68 | 14,29 | 16,07 | 17,86 | 22,32 | **56** |
| 3,73 | 3,93 | 4,17 | 4,42 | 4,67 | 5 | 5,25 | 5,58 | 5,92 | 6,25 | 6,67 | 7,08 | 7,50 | 7,92 | 8,33 | 8,83 | 9,33 | 10,50 | 11,83 | 13,33 | 15 | 16,67 | 20,83 | **60** |
| 3,56 | 3,75 | 3,97 | 4,21 | 4,44 | 4,76 | 5 | 5,32 | 5,63 | 5,95 | 6,35 | 6,75 | 7,14 | 7,54 | 7,94 | 8,41 | 8,89 | 10 | 11,27 | 12,70 | 14,29 | 15,87 | 19,84 | **63** |
| 3,34 | 3,52 | 3,73 | 3,96 | 4,18 | 4,48 | 4,70 | 5 | 5,30 | 5,60 | 5,97 | 6,34 | 6,72 | 7,09 | 7,46 | 7,91 | 8,36 | 9,40 | 10,60 | 11,94 | 13,43 | 14,93 | 18,66 | **67** |
| 3,15 | 3,32 | 3,52 | 3,73 | 3,94 | 4,23 | 4,44 | 4,72 | 5 | 5,28 | 5,63 | 5,99 | 6,34 | 6,69 | 7,04 | 7,46 | 7,89 | 8,87 | 10 | 11,27 | 12,68 | 14,08 | 17,61 | **71** |
| 2,99 | 3,15 | 3,33 | 3,53 | 3,73 | 4 | 4,20 | 4,47 | 4,73 | 5 | 5,33 | 5,67 | 6 | 6,33 | 6,67 | 7,07 | 7,47 | 8,40 | 9,47 | 10,67 | 12 | 13,33 | 16,67 | **75** |
| 2,80 | 2,95 | 3,13 | 3,31 | 3,50 | 3,75 | 3,94 | 4,19 | 4,44 | 4,69 | 5 | 5,31 | 5,63 | 5,94 | 6,25 | 6,63 | 7 | 7,88 | 8,88 | 10 | 11,25 | 12,50 | 15,63 | **80** |
| 2,64 | 2,78 | 2,94 | 3,12 | 3,29 | 3,53 | 3,71 | 3,94 | 4,18 | 4,41 | 4,71 | 5 | 5,29 | 5,59 | 5,88 | 6,24 | 6,59 | 7,41 | 8,35 | 9,41 | 10,59 | 11,76 | 14,71 | **85** |
| 2,49 | 2,62 | 2,78 | 2,94 | 3,11 | 3,33 | 3,50 | 3,72 | 3,94 | 4,17 | 4,44 | 4,72 | 5 | 5,28 | 5,56 | 5,89 | 6,22 | 7 | 7,89 | 8,89 | 10 | 11,11 | 13,89 | **90** |
| 2,36 | 2,48 | 2,63 | 2,79 | 2,95 | 3,16 | 3,32 | 3,53 | 3,74 | 3,95 | 4,21 | 4,47 | 4,74 | 5 | 5,26 | 5,58 | 5,89 | 6,63 | 7,47 | 8,42 | 9,47 | 10,53 | 13,16 | **95** |
| 2,24 | 2,36 | 2,50 | 2,65 | 2,80 | 3 | 3,15 | 3,35 | 3,55 | 3,75 | 4 | 4,25 | 4,50 | 4,75 | 5 | 5,30 | 5,60 | 6,30 | 7,10 | 8 | 9 | 10 | 12,50 | **100** |
| 2,11 | 2,23 | 2,36 | 2,50 | 2,64 | 2,83 | 2,97 | 3,16 | 3,35 | 3,54 | 3,77 | 4,01 | 4,25 | 4,48 | 4,72 | 5 | 5,28 | 5,94 | 6,70 | 7,55 | 8,49 | 9,43 | 11,79 | **106** |
| 2 | 2,11 | 2,23 | 2,37 | 2,50 | 2,68 | 2,81 | 2,99 | 3,17 | 3,35 | 3,57 | 3,79 | 4,02 | 4,24 | 4,46 | 4,73 | 5 | 5,63 | 6,34 | 7,14 | 8,04 | 8,93 | 11,16 | **112** |
| 1,90 | 2 | 2,12 | 2,25 | 2,37 | 2,54 | 2,67 | 2,84 | 3,01 | 3,18 | 3,39 | 3,60 | 3,81 | 4,03 | 4,24 | 4,49 | 4,75 | 5,34 | 6,02 | 6,78 | 7,63 | 8,47 | 10,59 | **118** |
| 1,79 | 1,89 | 2 | 2,12 | 2,24 | 2,40 | 2,52 | 2,68 | 2,84 | 3 | 3,20 | 3,40 | 3,60 | 3,80 | 4 | 4,24 | 4,48 | 5,04 | 5,68 | 6,40 | 7,20 | 8 | 10 | **125** |
| 1,70 | 1,79 | 1,89 | 2,01 | 2,12 | 2,27 | 2,39 | 2,54 | 2,69 | 2,84 | 3,03 | 3,22 | 3,41 | 3,60 | 3,79 | 4,02 | 4,24 | 4,77 | 5,38 | 6,06 | 6,82 | 7,58 | 9,47 | **132** |
| 1,60 | 1,69 | 1,79 | 1,89 | 2 | 2,14 | 2,25 | 2,39 | 2,54 | 2,68 | 2,86 | 3,04 | 3,21 | 3,39 | 3,57 | 3,79 | 4 | 4,50 | 5,07 | 5,71 | 6,43 | 7,14 | 8,93 | **140** |
| 1,49 | 1,57 | 1,67 | 1,77 | 1,87 | 2 | 2,10 | 2,23 | 2,37 | 2,50 | 2,67 | 2,83 | 3 | 3,17 | 3,33 | 3,53 | 3,73 | 4,20 | 4,73 | 5,33 | 6 | 6,67 | 8,33 | **150** |
| 1,40 | 1,48 | 1,56 | 1,66 | 1,75 | 1,88 | 1,97 | 2,09 | 2,22 | 2,34 | 2,50 | 2,66 | 2,81 | 2,97 | 3,13 | 3,31 | 3,50 | 3,94 | 4,44 | 5 | 5,63 | 6,25 | 7,81 | **160** |
| 1,32 | 1,39 | 1,47 | 1,56 | 1,65 | 1,76 | 1,85 | 1,97 | 2,09 | 2,21 | 2,35 | 2,50 | 2,65 | 2,79 | 2,94 | 3,12 | 3,29 | 3,71 | 4,18 | 4,71 | 5,29 | 5,88 | 7,35 | **170** |
| 1,24 | 1,31 | 1,39 | 1,47 | 1,56 | 1,67 | 1,75 | 1,86 | 1,97 | 2,08 | 2,22 | 2,36 | 2,50 | 2,64 | 2,78 | 2,94 | 3,11 | 3,50 | 3,94 | 4,44 | 5 | 5,56 | 6,94 | **180** |
| 1,18 | 1,24 | 1,32 | 1,39 | 1,47 | 1,58 | 1,66 | 1,76 | 1,87 | 1,97 | 2,11 | 2,24 | 2,37 | 2,50 | 2,63 | 2,79 | 2,95 | 3,32 | 3,74 | 4,21 | 4,74 | 5,26 | 6,58 | **190** |
| 1,12 | 1,18 | 1,25 | 1,33 | 1,40 | 1,50 | 1,58 | 1,68 | 1,78 | 1,88 | 2 | 2,13 | 2,25 | 2,38 | 2,50 | 2,65 | 2,80 | 3,15 | 3,55 | 4 | 4,50 | 5 | 6,25 | **200** |
| 1,06 | 1,11 | 1,18 | 1,25 | 1,32 | 1,42 | 1,49 | 1,58 | 1,67 | 1,77 | 1,89 | 2 | 2,12 | 2,24 | 2,36 | 2,50 | 2,64 | 2,97 | 3,35 | 3,77 | 4,25 | 4,72 | 5,90 | **212** |
| 1 | 1,05 | 1,12 | 1,18 | 1,25 | 1,34 | 1,41 | 1,50 | 1,58 | 1,67 | 1,79 | 1,90 | 2,01 | 2,12 | 2,23 | 2,37 | 2,50 | 2,81 | 3,17 | 3,57 | 4,02 | 4,46 | 5,58 | **224** |
| | 1 | 1,06 | 1,12 | 1,19 | 1,27 | 1,33 | 1,42 | 1,50 | 1,59 | 1,69 | 1,80 | 1,91 | 2,01 | 2,12 | 2,25 | 2,37 | 2,67 | 3,01 | 3,39 | 3,81 | 4,24 | 5,30 | **236** |
| | | 1 | 1,06 | 1,12 | 1,20 | 1,26 | 1,34 | 1,42 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2 | 2,12 | 2,24 | 2,52 | 2,84 | 3,20 | 3,60 | 4 | 5 | **250** |
| | | | 1 | 1,06 | 1,13 | 1,19 | 1,26 | 1,34 | 1,42 | 1,51 | 1,60 | 1,70 | 1,79 | 1,89 | 2 | 2,11 | 2,38 | 2,68 | 3,02 | 3,40 | 3,77 | 4,72 | **265** |
| | | | | 1 | 1,07 | 1,13 | 1,20 | 1,27 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,79 | 1,89 | 2 | 2,25 | 2,54 | 2,86 | 3,21 | 3,57 | 4,46 | **280** |
| | | | | | 1 | 1,05 | 1,12 | 1,18 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,67 | 1,77 | 1,87 | 2,10 | 2,37 | 2,67 | 3 | 3,33 | 4,17 | **300** |
| | | | | | | 1 | 1,06 | 1,13 | 1,19 | 1,27 | 1,35 | 1,43 | 1,51 | 1,59 | 1,68 | 1,78 | 2 | 2,25 | 2,54 | 2,86 | 3,17 | 3,97 | **315** |
| | | | | | | | 1 | 1,06 | 1,12 | 1,19 | 1,27 | 1,34 | 1,42 | 1,49 | 1,58 | 1,67 | 1,88 | 2,12 | 2,39 | 2,69 | 2,99 | 3,73 | **335** |
| | | | | | | | | 1 | 1,06 | 1,13 | 1,20 | 1,27 | 1,34 | 1,41 | 1,49 | 1,58 | 1,77 | 2 | 2,25 | 2,54 | 2,82 | 3,52 | **355** |
| | | | | | | | | | 1 | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,41 | 1,49 | 1,68 | 1,89 | 2,13 | 2,40 | 2,67 | 3,33 | **375** |
| | | | | | | | | | | 1 | 1,06 | 1,13 | 1,19 | 1,25 | 1,33 | 1,40 | 1,58 | 1,78 | 2 | 2,25 | 2,50 | 3,13 | **400** |
| | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,48 | 1,67 | 1,88 | 2,12 | 2,35 | 2,94 | **425** |
| | | | | | | | | | | | | 1 | 1,06 | 1,11 | 1,18 | 1,24 | 1,40 | 1,58 | 1,78 | 2 | 2,22 | 2,78 | **450** |
| | | | | | | | | | | | | | 1 | 1,05 | 1,12 | 1,18 | 1,33 | 1,49 | 1,68 | 1,89 | 2,11 | 2,63 | **475** |
| | | | | | | | | | | | | | | 1 | 1,06 | 1,12 | 1,26 | 1,42 | 1,60 | 1,80 | 2 | 2,50 | **500** |
| | | | | | | | | | | | | | | | 1 | 1,06 | 1,19 | 1,34 | 1,51 | 1,70 | 1,89 | 2,36 | **530** |
| | | | | | | | | | | | | | | | | 1 | 1,13 | 1,27 | 1,43 | 1,61 | 1,79 | 2,23 | **560** |
| | | | | | | | | | | | | | | | | | 1 | 1,13 | 1,27 | 1,43 | 1,59 | 1,98 | **630** |
| | | | | | | | | | | | | | | | | | | 1 | 1,13 | 1,27 | 1,41 | 1,76 | **710** |
| | | | | | | | | | | | | | | | | | | | 1 | 1,13 | 1,25 | 1,56 | **800** |
| | | | | | | | | | | | | | | | | | | | | 1 | 1,11 | 1,39 | **900** |
| | | | | | | | | | | | | | | | | | | | | | 1 | 1,25 | **1 000** |
| | | | | | | | | | | | | | | | | | | | | | | 1 | **1 250** |

# Recommended standard pulley diameters for faster shaft

| Pulley outside diameter | 2.65 | 2.8 | 3 | 3.15 | 3.35 | 3.65 | 4.12 | 4.5 | 4.75 | 5 | 5.3 | 5.6 | 6 | 6.5 | 6.9 | 7.1 | 7.5 | 8 | 8.5 | 9 | 9.25 | 9.75 | 10.3 | 10.6 | 10.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | | | | | | | | | | | | | | | | | | | | | | | | |
| 3V/3V-XP | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| 5V/5V-XP | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8V/8V-XP | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3VX | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| 5VX | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios with standard pulley diameters

| Pulley outside diameter | 2.65 | 2.8 | 3 | 3.15 | 3.35 | 3.65 | 4.12 | 4.5 | 4.75 | 5 | 5.3 | 5.6 | 6 | 6.5 | 6.9 | 7.1 | 7.5 | 8 | 8.5 | 9 | 9.25 | 9.75 | 10.3 | 10.6 | 10.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| in. | – | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.65** | 1 | 1.06 | 1.13 | 1.19 | 1.26 | 1.38 | 1.55 | 1.70 | 1.79 | 1.89 | 2 | 2.11 | 2.26 | 2.45 | 2.60 | 2.68 | 2.83 | 3.02 | 3.21 | 3.40 | 3.49 | 3.68 | 3.89 | 4 | 4.11 |
| **2.8** | | 1 | 1.07 | 1.13 | 1.20 | 1.30 | 1.47 | 1.61 | 1.70 | 1.79 | 1.89 | 2 | 2.14 | 2.32 | 2.46 | 2.54 | 2.68 | 2.86 | 3.04 | 3.21 | 3.30 | 3.48 | 3.68 | 3.79 | 3.89 |
| **3** | | | 1 | 1.05 | 1.12 | 1.22 | 1.37 | 1.50 | 1.58 | 1.67 | 1.77 | 1.87 | 2 | 2.17 | 2.30 | 2.37 | 2.50 | 2.67 | 2.83 | 3 | 3.08 | 3.25 | 3.43 | 3.53 | 3.63 |
| **3.15** | | | | 1 | 1.06 | 1.16 | 1.31 | 1.43 | 1.51 | 1.59 | 1.68 | 1.78 | 1.90 | 2.06 | 2.19 | 2.25 | 2.38 | 2.54 | 2.70 | 2.86 | 2.94 | 3.10 | 3.27 | 3.37 | 3.46 |
| **3.35** | | | | | 1 | 1.09 | 1.23 | 1.34 | 1.42 | 1.49 | 1.58 | 1.67 | 1.79 | 1.94 | 2.06 | 2.12 | 2.24 | 2.39 | 2.54 | 2.69 | 2.76 | 2.91 | 3.07 | 3.16 | 3.25 |
| **3.65** | | | | | | 1 | 1.13 | 1.23 | 1.30 | 1.37 | 1.45 | 1.53 | 1.64 | 1.78 | 1.89 | 1.95 | 2.05 | 2.19 | 2.33 | 2.47 | 2.53 | 2.67 | 2.82 | 2.90 | 2.99 |
| **4.12** | | | | | | | 1 | 1.09 | 1.15 | 1.21 | 1.29 | 1.36 | 1.46 | 1.58 | 1.67 | 1.72 | 1.82 | 1.94 | 2.06 | 2.18 | 2.25 | 2.37 | 2.50 | 2.57 | 2.65 |
| **4.5** | | | | | | | | 1 | 1.06 | 1.11 | 1.18 | 1.24 | 1.33 | 1.44 | 1.53 | 1.58 | 1.67 | 1.78 | 1.89 | 2 | 2.06 | 2.17 | 2.29 | 2.36 | 2.42 |
| **4.75** | | | | | | | | | 1 | 1.05 | 1.12 | 1.18 | 1.26 | 1.37 | 1.45 | 1.49 | 1.58 | 1.68 | 1.79 | 1.89 | 1.95 | 2.05 | 2.17 | 2.23 | 2.29 |
| **5** | | | | | | | | | | 1 | 1.06 | 1.12 | 1.20 | 1.30 | 1.38 | 1.42 | 1.50 | 1.60 | 1.70 | 1.80 | 1.85 | 1.95 | 2.06 | 2.12 | 2.18 |
| **5.3** | | | | | | | | | | | 1 | 1.06 | 1.13 | 1.23 | 1.30 | 1.34 | 1.42 | 1.51 | 1.60 | 1.70 | 1.75 | 1.84 | 1.94 | 2 | 2.06 |
| **5.6** | | | | | | | | | | | | 1 | 1.07 | 1.16 | 1.23 | 1.27 | 1.34 | 1.43 | 1.52 | 1.61 | 1.65 | 1.74 | 1.84 | 1.89 | 1.95 |
| **6** | | | | | | | | | | | | | 1 | 1.08 | 1.15 | 1.18 | 1.25 | 1.33 | 1.42 | 1.50 | 1.54 | 1.63 | 1.72 | 1.77 | 1.82 |
| **6.5** | | | | | | | | | | | | | | 1 | 1.06 | 1.09 | 1.15 | 1.23 | 1.31 | 1.38 | 1.42 | 1.50 | 1.58 | 1.63 | 1.68 |
| **6.9** | | | | | | | | | | | | | | | 1 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.34 | 1.41 | 1.49 | 1.54 | 1.58 |
| **7.1** | | | | | | | | | | | | | | | | 1 | 1.06 | 1.13 | 1.20 | 1.27 | 1.30 | 1.37 | 1.45 | 1.49 | 1.54 |
| **7.5** | | | | | | | | | | | | | | | | | 1 | 1.07 | 1.13 | 1.20 | 1.23 | 1.30 | 1.37 | 1.41 | 1.45 |
| **8** | | | | | | | | | | | | | | | | | | 1 | 1.06 | 1.13 | 1.16 | 1.22 | 1.29 | 1.33 | 1.36 |
| **8.5** | | | | | | | | | | | | | | | | | | | 1 | 1.06 | 1.09 | 1.15 | 1.21 | 1.25 | 1.28 |
| **9** | | | | | | | | | | | | | | | | | | | | 1 | 1.03 | 1.08 | 1.14 | 1.18 | 1.21 |
| **9.25** | | | | | | | | | | | | | | | | | | | | | 1 | 1.05 | 1.11 | 1.15 | 1.18 |
| **9.75** | | | | | | | | | | | | | | | | | | | | | | 1 | 1.06 | 1.09 | 1.12 |
| **10.3** | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.03 | 1.06 |
| **10.6** | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.03 |
| **10.9** | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| **11.8** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **12.5** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **13.2** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **14** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **15** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **16** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **17** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **18** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **19** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **20** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **21.2** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **22.4** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **24.8** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **25** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **28** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **30** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **33.5** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **35.5** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **37.5** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **40** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **44.5** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **50** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **53** | | | | | | | | | | | | | | | | | | | | | | | | | |

# – narrow wedge pulleys RMA

Table 6a

| 11.8 | 12.5 | 13.2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21.2 | 22.4 | 24.8 | 25 | 28 | 30 | 33.5 | 35.5 | 37.5 | 40 | 44.5 | 50 | 53 | – |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | 3V |
| ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | 5V |
| | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | 8V |
| | | | | | | | | | | | | | | | | | | | | | | | 3VX |
| ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | 5VX |

# – wedge narrow pulleys RMA

Table 6b

| 11.8 | 12.5 | 13.2 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21.2 | 22.4 | 24.8 | 25 | 28 | 30 | 33.5 | 35.5 | 37.5 | 40 | 44.5 | 50 | 53 | in. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.45 | 4.72 | 4.98 | 5.28 | 5.66 | 6.04 | 6.42 | 6.79 | 7.17 | 7.55 | 8 | 8.45 | 9.36 | 9.43 | 10.57 | 11.32 | 12.64 | 13.40 | 14.15 | 15.09 | 16.79 | 18.87 | 20 | **2.65** |
| 4.21 | 4.46 | 4.71 | 5 | 5.36 | 5.71 | 6.07 | 6.43 | 6.79 | 7.14 | 7.57 | 8 | 8.86 | 8.93 | 10 | 10.71 | 11.96 | 12.68 | 13.39 | 14.29 | 15.89 | 17.86 | 18.93 | **2.8** |
| 3.93 | 4.17 | 4.40 | 4.67 | 5 | 5.33 | 5.67 | 6 | 6.33 | 6.67 | 7.07 | 7.47 | 8.27 | 8.33 | 9.33 | 10 | 11.17 | 11.83 | 12.50 | 13.33 | 14.83 | 16.67 | 17.67 | **3** |
| 3.75 | 3.97 | 4.19 | 4.44 | 4.76 | 5.08 | 5.40 | 5.71 | 6.03 | 6.35 | 6.73 | 7.11 | 7.87 | 7.94 | 8.89 | 9.52 | 10.63 | 11.27 | 11.90 | 12.70 | 14.13 | 15.87 | 16.83 | **3.15** |
| 3.52 | 3.73 | 3.94 | 4.18 | 4.48 | 4.78 | 5.07 | 5.37 | 5.67 | 5.97 | 6.33 | 6.69 | 7.40 | 7.46 | 8.36 | 8.96 | 10 | 10.60 | 11.19 | 11.94 | 13.28 | 14.93 | 15.82 | **3.35** |
| 3.23 | 3.42 | 3.62 | 3.84 | 4.11 | 4.38 | 4.66 | 4.93 | 5.21 | 5.48 | 5.81 | 6.14 | 6.79 | 6.85 | 7.67 | 8.22 | 9.18 | 9.73 | 10.27 | 10.96 | 12.19 | 13.70 | 14.52 | **3.65** |
| 2.86 | 3.03 | 3.20 | 3.40 | 3.64 | 3.88 | 4.13 | 4.37 | 4.61 | 4.85 | 5.15 | 5.44 | 6.02 | 6.07 | 6.80 | 7.28 | 8.13 | 8.62 | 9.10 | 9.71 | 10.80 | 12.14 | 12.86 | **4.12** |
| 2.62 | 2.78 | 2.93 | 3.11 | 3.33 | 3.56 | 3.78 | 4 | 4.22 | 4.44 | 4.71 | 4.98 | 5.51 | 5.56 | 6.22 | 6.67 | 7.44 | 7.89 | 8.33 | 8.89 | 9.89 | 11.11 | 11.78 | **4.5** |
| 2.48 | 2.63 | 2.78 | 2.95 | 3.16 | 3.37 | 3.58 | 3.79 | 4 | 4.21 | 4.46 | 4.72 | 5.22 | 5.26 | 5.89 | 6.32 | 7.05 | 7.47 | 7.89 | 8.42 | 9.37 | 10.53 | 11.16 | **4.75** |
| 2.36 | 2.50 | 2.64 | 2.80 | 3 | 3.20 | 3.40 | 3.60 | 3.80 | 4 | 4.24 | 4.48 | 4.96 | 5 | 5.60 | 6 | 6.70 | 7.10 | 7.50 | 8 | 8.90 | 10 | 10.60 | **5** |
| 2.23 | 2.36 | 2.49 | 2.64 | 2.83 | 3.02 | 3.21 | 3.40 | 3.58 | 3.77 | 4 | 4.23 | 4.68 | 4.72 | 5.28 | 5.66 | 6.32 | 6.70 | 7.08 | 7.55 | 8.40 | 9.43 | 10 | **5.3** |
| 2.11 | 2.23 | 2.36 | 2.50 | 2.68 | 2.86 | 3.04 | 3.21 | 3.39 | 3.57 | 3.79 | 4 | 4.43 | 4.46 | 5 | 5.36 | 5.98 | 6.34 | 6.70 | 7.14 | 7.95 | 8.93 | 9.46 | **5.6** |
| 1.97 | 2.08 | 2.20 | 2.33 | 2.50 | 2.67 | 2.83 | 3 | 3.17 | 3.33 | 3.53 | 3.73 | 4.13 | 4.17 | 4.67 | 5 | 5.58 | 5.92 | 6.25 | 6.67 | 7.42 | 8.33 | 8.83 | **6** |
| 1.82 | 1.92 | 2.03 | 2.15 | 2.31 | 2.46 | 2.62 | 2.77 | 2.92 | 3.08 | 3.26 | 3.45 | 3.82 | 3.85 | 4.31 | 4.62 | 5.15 | 5.46 | 5.77 | 6.15 | 6.85 | 7.69 | 8.15 | **6.5** |
| 1.71 | 1.81 | 1.91 | 2.03 | 2.17 | 2.32 | 2.46 | 2.61 | 2.75 | 2.90 | 3.07 | 3.25 | 3.59 | 3.62 | 4.06 | 4.35 | 4.86 | 5.14 | 5.43 | 5.80 | 6.45 | 7.25 | 7.68 | **6.9** |
| 1.66 | 1.76 | 1.86 | 1.97 | 2.11 | 2.25 | 2.39 | 2.54 | 2.68 | 2.82 | 2.99 | 3.15 | 3.49 | 3.52 | 3.94 | 4.23 | 4.72 | 5 | 5.28 | 5.63 | 6.27 | 7.04 | 7.46 | **7.1** |
| 1.57 | 1.67 | 1.76 | 1.87 | 2 | 2.13 | 2.27 | 2.40 | 2.53 | 2.67 | 2.83 | 2.99 | 3.31 | 3.33 | 3.73 | 4 | 4.47 | 4.73 | 5 | 5.33 | 5.93 | 6.67 | 7.07 | **7.5** |
| 1.48 | 1.56 | 1.65 | 1.75 | 1.88 | 2 | 2.13 | 2.25 | 2.38 | 2.50 | 2.65 | 2.80 | 3.10 | 3.13 | 3.50 | 3.75 | 4.19 | 4.44 | 4.69 | 5 | 5.56 | 6.25 | 6.63 | **8** |
| 1.39 | 1.47 | 1.55 | 1.65 | 1.76 | 1.88 | 2 | 2.12 | 2.24 | 2.35 | 2.49 | 2.64 | 2.92 | 2.94 | 3.29 | 3.53 | 3.94 | 4.18 | 4.41 | 4.71 | 5.24 | 5.88 | 6.24 | **8.5** |
| 1.31 | 1.39 | 1.47 | 1.56 | 1.67 | 1.78 | 1.89 | 2 | 2.11 | 2.22 | 2.36 | 2.49 | 2.76 | 2.78 | 3.11 | 3.33 | 3.72 | 3.94 | 4.17 | 4.44 | 4.94 | 5.56 | 5.89 | **9** |
| 1.28 | 1.35 | 1.43 | 1.51 | 1.62 | 1.73 | 1.84 | 1.95 | 2.05 | 2.16 | 2.29 | 2.42 | 2.68 | 2.70 | 3.03 | 3.24 | 3.62 | 3.84 | 4.05 | 4.32 | 4.81 | 5.41 | 5.73 | **9.25** |
| 1.21 | 1.28 | 1.35 | 1.44 | 1.54 | 1.64 | 1.74 | 1.85 | 1.95 | 2.05 | 2.17 | 2.30 | 2.54 | 2.56 | 2.87 | 3.08 | 3.44 | 3.64 | 3.85 | 4.10 | 4.56 | 5.13 | 5.44 | **9.75** |
| 1.15 | 1.21 | 1.28 | 1.36 | 1.46 | 1.55 | 1.65 | 1.75 | 1.84 | 1.94 | 2.06 | 2.17 | 2.41 | 2.43 | 2.72 | 2.91 | 3.25 | 3.45 | 3.64 | 3.88 | 4.32 | 4.85 | 5.15 | **10.3** |
| 1.11 | 1.18 | 1.25 | 1.32 | 1.42 | 1.51 | 1.60 | 1.70 | 1.79 | 1.89 | 2 | 2.11 | 2.34 | 2.36 | 2.64 | 2.83 | 3.16 | 3.35 | 3.54 | 3.77 | 4.20 | 4.72 | 5 | **10.6** |
| 1.08 | 1.15 | 1.21 | 1.28 | 1.38 | 1.47 | 1.56 | 1.65 | 1.74 | 1.83 | 1.94 | 2.06 | 2.28 | 2.29 | 2.57 | 2.75 | 3.07 | 3.26 | 3.44 | 3.67 | 4.08 | 4.59 | 4.86 | **10.9** |
| 1 | 1.06 | 1.12 | 1.19 | 1.27 | 1.36 | 1.44 | 1.53 | 1.61 | 1.69 | 1.80 | 1.90 | 2.10 | 2.12 | 2.37 | 2.54 | 2.84 | 3.01 | 3.18 | 3.39 | 3.77 | 4.24 | 4.49 | **11.8** |
| | 1 | 1.06 | 1.12 | 1.20 | 1.28 | 1.36 | 1.44 | 1.52 | 1.60 | 1.70 | 1.79 | 1.98 | 2 | 2.24 | 2.40 | 2.68 | 2.84 | 3 | 3.20 | 3.56 | 4 | 4.24 | **12.5** |
| | | 1 | 1.06 | 1.14 | 1.21 | 1.29 | 1.36 | 1.44 | 1.52 | 1.61 | 1.70 | 1.88 | 1.89 | 2.12 | 2.27 | 2.54 | 2.69 | 2.84 | 3.03 | 3.37 | 3.79 | 4.02 | **13.2** |
| | | | 1 | 1.07 | 1.14 | 1.21 | 1.29 | 1.36 | 1.43 | 1.51 | 1.60 | 1.77 | 1.79 | 2 | 2.14 | 2.39 | 2.54 | 2.68 | 2.86 | 3.18 | 3.57 | 3.79 | **14** |
| | | | | 1 | 1.07 | 1.13 | 1.20 | 1.27 | 1.33 | 1.41 | 1.49 | 1.65 | 1.67 | 1.87 | 2 | 2.23 | 2.37 | 2.50 | 2.67 | 2.97 | 3.33 | 3.53 | **15** |
| | | | | | 1 | 1.06 | 1.13 | 1.19 | 1.25 | 1.33 | 1.40 | 1.55 | 1.56 | 1.75 | 1.88 | 2.09 | 2.22 | 2.34 | 2.50 | 2.78 | 3.13 | 3.31 | **16** |
| | | | | | | 1 | 1.06 | 1.12 | 1.18 | 1.25 | 1.32 | 1.46 | 1.47 | 1.65 | 1.76 | 1.97 | 2.09 | 2.21 | 2.35 | 2.62 | 2.94 | 3.12 | **17** |
| | | | | | | | 1 | 1.06 | 1.11 | 1.18 | 1.24 | 1.38 | 1.39 | 1.56 | 1.67 | 1.86 | 1.97 | 2.08 | 2.22 | 2.47 | 2.78 | 2.94 | **18** |
| | | | | | | | | 1 | 1.05 | 1.12 | 1.18 | 1.31 | 1.32 | 1.47 | 1.58 | 1.76 | 1.87 | 1.97 | 2.11 | 2.34 | 2.63 | 2.79 | **19** |
| | | | | | | | | | 1 | 1.06 | 1.12 | 1.24 | 1.25 | 1.40 | 1.50 | 1.68 | 1.78 | 1.88 | 2 | 2.23 | 2.50 | 2.65 | **20** |
| | | | | | | | | | | 1 | 1.06 | 1.17 | 1.18 | 1.32 | 1.42 | 1.58 | 1.67 | 1.77 | 1.89 | 2.10 | 2.36 | 2.50 | **21.2** |
| | | | | | | | | | | | 1 | 1.11 | 1.12 | 1.25 | 1.34 | 1.50 | 1.58 | 1.67 | 1.79 | 1.99 | 2.23 | 2.37 | **22.4** |
| | | | | | | | | | | | | 1 | 1.01 | 1.13 | 1.21 | 1.35 | 1.43 | 1.51 | 1.61 | 1.79 | 2.02 | 2.14 | **24.8** |
| | | | | | | | | | | | | | 1 | 1.12 | 1.20 | 1.34 | 1.42 | 1.50 | 1.60 | 1.78 | 2 | 2.12 | **25** |
| | | | | | | | | | | | | | | 1 | 1.07 | 1.20 | 1.27 | 1.34 | 1.43 | 1.59 | 1.79 | 1.89 | **28** |
| | | | | | | | | | | | | | | | 1 | 1.12 | 1.18 | 1.25 | 1.33 | 1.48 | 1.67 | 1.77 | **30** |
| | | | | | | | | | | | | | | | | 1 | 1.06 | 1.12 | 1.19 | 1.33 | 1.49 | 1.58 | **33.5** |
| | | | | | | | | | | | | | | | | | 1 | 1.06 | 1.13 | 1.25 | 1.41 | 1.49 | **35.5** |
| | | | | | | | | | | | | | | | | | | 1 | 1.07 | 1.19 | 1.33 | 1.41 | **37.5** |
| | | | | | | | | | | | | | | | | | | | 1 | 1.11 | 1.25 | 1.33 | **40** |
| | | | | | | | | | | | | | | | | | | | | 1 | 1.12 | 1.19 | **44.5** |
| | | | | | | | | | | | | | | | | | | | | | 1 | 1.06 | **50** |
| | | | | | | | | | | | | | | | | | | | | | | 1 | **53** |

# Correction factors

**Table 7**

## Arc of contact power correction factor $C_3$

| $\frac{D-d}{CC}$ * | Arc of contact on small pulley | Arc of contact correction factor $C_3$ |
|---|---|---|
| mm | deg. | – |
| **0,00** | 180 | 1,00 |
| **0,05** | 177 | 0,99 |
| **0,10** | 174 | 0,99 |
| **0,15** | 171 | 0,98 |
| **0,20** | 169 | 0,97 |
| **0,25** | 166 | 0,97 |
| **0,30** | 163 | 0,96 |
| **0,35** | 160 | 0,95 |
| **0,40** | 157 | 0,94 |
| **0,45** | 154 | 0,93 |
| **0,50** | 151 | 0,93 |
| **0,55** | 148 | 0,92 |
| **0,60** | 145 | 0,91 |
| **0,65** | 142 | 0,90 |
| **0,70** | 139 | 0,89 |
| **0,75** | 136 | 0,88 |
| **0,80** | 133 | 0,87 |
| **0,85** | 130 | 0,86 |
| **0,90** | 127 | 0,85 |
| **0,95** | 123 | 0,83 |
| **1,00** | 120 | 0,82 |
| **1,05** | 117 | 0,81 |
| **1,10** | 113 | 0,80 |
| **1,15** | 100 | 0,78 |
| **1,20** | 107 | 0,77 |
| **1,25** | 104 | 0,75 |
| **1,30** | 101 | 0,73 |
| **1,35** | 97 | 0,72 |
| **1,40** | 93 | 0,70 |

*D Large pulley diameter
d Small pulley diameter
CC Centre to centre distance

**Table 8**

## Belt length correction factor $C_1$

| **Belt length** | **Correction factor** SPZ SPZ-XP XPZ 3V 3V-XP 3VX | SPA SPA-XP XPA | SPB SPB-XP XPB 5V 5V-XP 5VX | SPC SPC-XP XPC | 8V 8V-XP | Z ZX | A AX | B BX | C CX | D |
|---|---|---|---|---|---|---|---|---|---|---|
| mm | – | | | | | | | | | |
| **400** | 0,50 | | | | | 0,87 | 0,68 | | | |
| **475** | 0,65 | | | | | 0,90 | 0,74 | 0,64 | | |
| **530** | 0,74 | | | | | 0,93 | 0,78 | 0,70 | | |
| **630** | 0,82 | 0,77 | | | | 0,96 | 0,81 | 0,76 | | |
| **710** | 0,84 | 0,79 | | | | 0,99 | 0,83 | 0,78 | | |
| **900** | 0,88 | 0,83 | 0,76 | | | 1,05 | 0,87 | 0,82 | 0,73 | |
| **1 000** | 0,90 | 0,85 | 0,78 | | | 1,06 | 0,89 | 0,84 | 0,76 | |
| **1 120** | 0,93 | 0,87 | 0,80 | | | 1,08 | 0,91 | 0,86 | 0,78 | |
| **1 250** | 0,95 | 0,89 | 0,82 | | | 1,11 | 0,93 | 0,88 | 0,80 | |
| **1 400** | 0,96 | 0,91 | 0,84 | 0,70 | | 1,14 | 0,96 | 0,90 | 0,82 | |
| **1 600** | 1,00 | 0,93 | 0,86 | 0,74 | | 1,17 | 0,99 | 0,93 | 0,84 | |
| **1 800** | 1,01 | 0,95 | 0,88 | 0,77 | | 1,22 | 1,01 | 0,95 | 0,86 | |
| **2 000** | 1,02 | 0,96 | 0,90 | 0,80 | 0,78 | 1,25 | 1,03 | 0,98 | 0,88 | 0,78 |
| **2 240** | 1,05 | 0,98 | 0,92 | 0,83 | 0,80 | 1,28 | 1,06 | 1,00 | 0,91 | 0,80 |
| **2 500** | 1,07 | 1,00 | 0,94 | 0,86 | 0,80 | 1,29 | 1,09 | 1,03 | 0,93 | 0,82 |
| **2 800** | 1,09 | 1,02 | 0,96 | 0,88 | 0,82 | 1,29 | 1,11 | 1,05 | 0,95 | 0,84 |
| **3 150** | 1,11 | 1,04 | 0,98 | 0,90 | 0,84 | | 1,13 | 1,07 | 0,97 | 0,86 |
| **3 550** | 1,13 | 1,06 | 1,00 | 0,92 | 0,86 | | 1,15 | 1,09 | 0,99 | 0,88 |
| **4 000** | 1,13 | 1,08 | 1,02 | 0,94 | 0,89 | | 1,17 | 1,13 | 1,02 | 0,91 |
| **4 500** | 1,13 | 1,09 | 1,04 | 0,96 | 0,91 | | 1,17 | 1,15 | 1,04 | 0,93 |
| **5 000** | | 1,09 | 1,06 | 0,98 | 0,94 | | 1,17 | 1,18 | 1,07 | 0,96 |
| **5 600** | | 1,09 | 1,08 | 1,00 | 0,96 | | 1,17 | 1,20 | 1,09 | 0,98 |
| **6 300** | | | 1,10 | 1,02 | 0,99 | | 1,17 | 1,23 | 1,12 | 1,01 |
| **7 100** | | | 1,12 | 1,04 | 1,02 | | | 1,23 | 1,15 | 1,04 |
| **8 000** | | | 1,14 | 1,06 | 1,04 | | | 1,23 | 1,18 | 1,06 |
| **9 000** | | | 1,14 | 1,08 | 1,07 | | | 1,23 | 1,21 | 1,09 |
| **10 000** | | | 1,14 | 1,10 | 1,09 | | | 1,23 | 1,23 | 1,11 |
| **11 200** | | | | 1,12 | 1,12 | | | | 1,23 | 1,14 |
| **12 500** | | | | 1,14 | 1,15 | | | | 1,23 | 1,17 |

Table 9a

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 112 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | kW | | | |
| **100** | 0,08 | 0,09 | 0,10 | 0,10 | 0,11 | 0,12 | 0,13 | 0,14 | 0,16 | 0,18 | 0,19 | 0,20 | – | – | 0,01 | 0,01 |
| **500** | 0,31 | 0,34 | 0,37 | 0,40 | 0,44 | 0,47 | 0,51 | 0,54 | 0,62 | 0,70 | 0,75 | 0,80 | – | 0,01 | 0,03 | 0,04 |
| **720** | 0,42 | 0,46 | 0,50 | 0,55 | 0,59 | 0,64 | 0,68 | 0,73 | 0,84 | 0,95 | 1,02 | 1,09 | – | 0,02 | 0,04 | 0,05 |
| **800** | 0,46 | 0,50 | 0,54 | 0,59 | 0,64 | 0,70 | 0,75 | 0,80 | 0,92 | 1,04 | 1,11 | 1,19 | – | 0,02 | 0,04 | 0,06 |
| **900** | 0,50 | 0,55 | 0,59 | 0,65 | 0,71 | 0,77 | 0,82 | 0,88 | 1,01 | 1,15 | 1,22 | 1,31 | – | 0,02 | 0,05 | 0,07 |
| **960** | 0,53 | 0,58 | 0,63 | 0,69 | 0,75 | 0,81 | 0,87 | 0,92 | 1,06 | 1,21 | 1,29 | 1,38 | 0,01 | 0,03 | 0,05 | 0,07 |
| **1 000** | 0,55 | 0,60 | 0,65 | 0,71 | 0,77 | 0,83 | 0,89 | 0,95 | 1,10 | 1,25 | 1,33 | 1,42 | 0,01 | 0,03 | 0,05 | 0,08 |
| **1 100** | 0,59 | 0,64 | 0,70 | 0,76 | 0,83 | 0,90 | 0,97 | 1,03 | 1,19 | 1,35 | 1,44 | 1,54 | 0,01 | 0,03 | 0,06 | 0,08 |
| **1 200** | 0,63 | 0,69 | 0,75 | 0,82 | 0,89 | 0,96 | 1,04 | 1,11 | 1,27 | 1,45 | 1,55 | 1,65 | 0,01 | 0,03 | 0,06 | 0,09 |
| **1 300** | 0,67 | 0,73 | 0,79 | 0,87 | 0,95 | 1,03 | 1,10 | 1,18 | 1,36 | 1,55 | 1,65 | 1,76 | 0,01 | 0,03 | 0,07 | 0,10 |
| **1 400** | 0,71 | 0,77 | 0,84 | 0,92 | 1,01 | 1,09 | 1,17 | 1,25 | 1,44 | 1,64 | 1,75 | 1,87 | 0,01 | 0,04 | 0,07 | 0,11 |
| **1 440** | 0,72 | 0,79 | 0,86 | 0,94 | 1,03 | 1,11 | 1,20 | 1,28 | 1,47 | 1,68 | 1,79 | 1,92 | 0,01 | 0,04 | 0,08 | 0,11 |
| **1 500** | 0,74 | 0,82 | 0,89 | 0,97 | 1,06 | 1,15 | 1,24 | 1,32 | 1,52 | 1,74 | 1,85 | 1,98 | 0,01 | 0,04 | 0,08 | 0,11 |
| **1 600** | 0,78 | 0,86 | 0,93 | 1,02 | 1,12 | 1,21 | 1,30 | 1,39 | 1,60 | 1,83 | 1,95 | 2,08 | 0,01 | 0,04 | 0,08 | 0,12 |
| **1 700** | 0,82 | 0,90 | 0,98 | 1,07 | 1,17 | 1,27 | 1,36 | 1,46 | 1,68 | 1,92 | 2,04 | 2,19 | 0,01 | 0,05 | 0,09 | 0,13 |
| **1 800** | 0,85 | 0,94 | 1,02 | 1,12 | 1,22 | 1,32 | 1,42 | 1,52 | 1,76 | 2,01 | 2,14 | 2,29 | 0,01 | 0,05 | 0,10 | 0,14 |
| **1 900** | 0,89 | 0,97 | 1,06 | 1,17 | 1,28 | 1,38 | 1,49 | 1,59 | 1,83 | 2,09 | 2,23 | 2,39 | 0,01 | 0,05 | 0,10 | 0,14 |
| **2 000** | 0,92 | 1,01 | 1,10 | 1,21 | 1,33 | 1,44 | 1,55 | 1,65 | 1,91 | 2,18 | 2,32 | 2,48 | 0,01 | 0,05 | 0,11 | 0,15 |
| **2 100** | 0,95 | 1,05 | 1,14 | 1,26 | 1,38 | 1,49 | 1,60 | 1,72 | 1,98 | 2,26 | 2,41 | 2,58 | 0,01 | 0,06 | 0,11 | 0,16 |
| **2 200** | 0,99 | 1,08 | 1,18 | 1,30 | 1,43 | 1,54 | 1,66 | 1,78 | 2,05 | 2,34 | 2,50 | 2,67 | 0,01 | 0,06 | 0,12 | 0,17 |
| **2 300** | 1,02 | 1,12 | 1,22 | 1,35 | 1,47 | 1,60 | 1,72 | 1,84 | 2,12 | 2,43 | 2,59 | 2,77 | 0,01 | 0,06 | 0,12 | 0,17 |
| **2 400** | 1,05 | 1,16 | 1,26 | 1,39 | 1,52 | 1,65 | 1,78 | 1,90 | 2,19 | 2,51 | 2,67 | 2,86 | 0,01 | 0,06 | 0,13 | 0,18 |
| **2 500** | 1,08 | 1,19 | 1,30 | 1,43 | 1,57 | 1,70 | 1,83 | 1,96 | 2,26 | 2,59 | 2,75 | 2,95 | 0,01 | 0,07 | 0,13 | 0,19 |
| **2 600** | 1,11 | 1,22 | 1,34 | 1,48 | 1,61 | 1,75 | 1,88 | 2,02 | 2,33 | 2,66 | 2,84 | 3,03 | 0,01 | 0,07 | 0,14 | 0,20 |
| **2 700** | 1,14 | 1,26 | 1,37 | 1,52 | 1,66 | 1,80 | 1,94 | 2,08 | 2,40 | 2,74 | 2,92 | 3,12 | 0,01 | 0,07 | 0,14 | 0,20 |
| **2 800** | 1,17 | 1,29 | 1,41 | 1,56 | 1,70 | 1,85 | 1,99 | 2,13 | 2,46 | 2,81 | 3,00 | 3,21 | 0,02 | 0,07 | 0,15 | 0,21 |
| **2 880** | 1,19 | 1,32 | 1,44 | 1,59 | 1,74 | 1,89 | 2,03 | 2,18 | 2,52 | 2,87 | 3,06 | 3,27 | 0,02 | 0,08 | 0,15 | 0,22 |
| **2 900** | 1,20 | 1,32 | 1,45 | 1,60 | 1,75 | 1,90 | 2,04 | 2,19 | 2,53 | 2,89 | 3,08 | 3,29 | 0,02 | 0,08 | 0,15 | 0,22 |
| **3 000** | 1,23 | 1,35 | 1,48 | 1,64 | 1,79 | 1,94 | 2,09 | 2,24 | 2,59 | 2,96 | 3,15 | 3,37 | 0,02 | 0,08 | 0,16 | 0,23 |
| **3 100** | 1,25 | 1,39 | 1,52 | 1,68 | 1,83 | 1,99 | 2,15 | 2,30 | 2,66 | 3,03 | 3,23 | 3,45 | 0,02 | 0,08 | 0,16 | 0,24 |
| **3 200** | 1,28 | 1,42 | 1,55 | 1,71 | 1,88 | 2,04 | 2,20 | 2,35 | 2,72 | 3,10 | 3,31 | 3,53 | 0,02 | 0,09 | 0,17 | 0,24 |
| **3 300** | 1,31 | 1,45 | 1,58 | 1,75 | 1,92 | 2,08 | 2,24 | 2,40 | 2,78 | 3,17 | 3,38 | 3,61 | 0,02 | 0,09 | 0,18 | 0,25 |
| **3 400** | 1,34 | 1,48 | 1,62 | 1,79 | 1,96 | 2,13 | 2,29 | 2,46 | 2,84 | 3,24 | 3,45 | 3,69 | 0,02 | 0,09 | 0,18 | 0,26 |
| **3 500** | 1,36 | 1,51 | 1,65 | 1,83 | 2,00 | 2,17 | 2,34 | 2,51 | 2,90 | 3,31 | 3,52 | 3,76 | 0,02 | 0,09 | 0,19 | 0,27 |
| **3 600** | 1,39 | 1,54 | 1,68 | 1,86 | 2,04 | 2,21 | 2,39 | 2,56 | 2,96 | 3,37 | 3,59 | 3,84 | 0,02 | 0,10 | 0,19 | 0,27 |
| **3 700** | 1,41 | 1,56 | 1,71 | 1,90 | 2,08 | 2,26 | 2,43 | 2,61 | 3,01 | 3,44 | 3,66 | 3,91 | 0,02 | 0,10 | 0,20 | 0,28 |
| **3 800** | 1,44 | 1,59 | 1,74 | 1,93 | 2,12 | 2,30 | 2,48 | 2,66 | 3,07 | 3,50 | 3,73 | 3,98 | 0,02 | 0,10 | 0,20 | 0,29 |
| **3 900** | 1,46 | 1,62 | 1,77 | 1,97 | 2,16 | 2,34 | 2,52 | 2,70 | 3,13 | 3,57 | 3,79 | 4,05 | 0,02 | 0,10 | 0,21 | 0,30 |
| **4 000** | 1,49 | 1,65 | 1,81 | 2,00 | 2,19 | 2,38 | 2,57 | 2,75 | 3,18 | 3,63 | 3,86 | 4,12 | 0,02 | 0,11 | 0,21 | 0,30 |
| **4 200** | 1,53 | 1,70 | 1,86 | 2,07 | 2,27 | 2,46 | 2,65 | 2,84 | 3,29 | 3,75 | 3,99 | 4,25 | 0,02 | 0,11 | 0,22 | 0,32 |
| **4 400** | 1,58 | 1,75 | 1,92 | 2,13 | 2,34 | 2,54 | 2,74 | 2,93 | 3,39 | 3,86 | 4,11 | 4,38 | 0,02 | 0,12 | 0,23 | 0,33 |
| **4 600** | 1,62 | 1,80 | 1,98 | 2,19 | 2,41 | 2,61 | 2,82 | 3,02 | 3,49 | 3,97 | 4,22 | 4,50 | 0,02 | 0,12 | 0,24 | 0,35 |
| **4 800** | 1,67 | 1,85 | 2,03 | 2,25 | 2,47 | 2,69 | 2,90 | 3,11 | 3,59 | 4,08 | 4,34 | 4,62 | 0,03 | 0,13 | 0,25 | 0,36 |
| **5 000** | 1,71 | 1,90 | 2,08 | 2,31 | 2,54 | 2,76 | 2,97 | 3,19 | 3,68 | 4,18 | 4,44 | 4,73 | 0,03 | 0,13 | 0,27 | 0,38 |
| **5 200** | 1,75 | 1,94 | 2,13 | 2,37 | 2,60 | 2,83 | 3,05 | 3,27 | 3,77 | 4,28 | 4,54 | 4,83 | 0,03 | 0,14 | 0,28 | 0,39 |
| **5 400** | 1,78 | 1,98 | 2,18 | 2,42 | 2,66 | 2,89 | 3,12 | 3,34 | 3,85 | 4,37 | 4,64 | 4,93 | 0,03 | 0,14 | 0,29 | 0,41 |
| **5 600** | 1,82 | 2,03 | 2,23 | 2,48 | 2,72 | 2,96 | 3,19 | 3,41 | 3,93 | 4,46 | 4,73 | 5,02 | 0,03 | 0,15 | 0,30 | 0,42 |
| **5 800** | 1,86 | 2,07 | 2,27 | 2,53 | 2,78 | 3,02 | 3,25 | 3,48 | 4,01 | 4,55 | 4,82 | 5,11 | 0,03 | 0,15 | 0,31 | 0,44 |
| **6 000** | 1,89 | 2,11 | 2,32 | 2,58 | 2,83 | 3,08 | 3,32 | 3,55 | 4,09 | 4,63 | 4,90 | – | 0,03 | 0,16 | 0,32 | 0,46 |
| **6 200** | 1,92 | 2,14 | 2,36 | 2,63 | 2,88 | 3,13 | 3,38 | 3,62 | 4,16 | 4,70 | – | – | 0,03 | 0,17 | 0,33 | 0,47 |
| **6 400** | 1,96 | 2,18 | 2,40 | 2,67 | 2,93 | 3,19 | 3,44 | 3,68 | 4,23 | 4,77 | – | – | 0,03 | 0,17 | 0,34 | 0,49 |
| **6 600** | 1,99 | 2,22 | 2,44 | 2,71 | 2,98 | 3,24 | 3,49 | 3,74 | 4,29 | – | – | – | 0,04 | 0,18 | 0,35 | 0,50 |
| **6 800** | 2,02 | 2,25 | 2,48 | 2,76 | 3,03 | 3,29 | 3,54 | 3,79 | 4,35 | – | – | – | 0,04 | 0,18 | 0,36 | 0,52 |
| **7 000** | 2,04 | 2,28 | 2,51 | 2,80 | 3,07 | 3,34 | 3,60 | 3,84 | 4,40 | – | – | – | 0,04 | 0,19 | 0,37 | 0,53 |
| **7 200** | 2,07 | 2,31 | 2,55 | 2,84 | 3,11 | 3,38 | 3,64 | 3,89 | 4,46 | – | – | – | 0,04 | 0,19 | 0,38 | 0,55 |
| **7 400** | 2,10 | 2,34 | 2,58 | 2,87 | 3,15 | 3,43 | 3,69 | 3,94 | – | – | – | – | 0,04 | 0,20 | 0,39 | 0,56 |
| **7 600** | 2,12 | 2,37 | 2,61 | 2,91 | 3,19 | 3,47 | 3,73 | 3,98 | – | – | – | – | 0,04 | 0,20 | 0,40 | 0,58 |
| **7 800** | 2,14 | 2,40 | 2,64 | 2,94 | 3,23 | 3,50 | 3,77 | 4,03 | – | – | – | – | 0,04 | 0,21 | 0,41 | 0,59 |
| **8 000** | 2,16 | 2,42 | 2,67 | 2,97 | 3,26 | 3,54 | 3,81 | 4,06 | – | – | – | – | 0,04 | 0,21 | 0,42 | 0,61 |
| **8 200** | 2,18 | 2,44 | 2,70 | 3,00 | 3,29 | 3,57 | 3,84 | – | – | – | – | – | 0,04 | 0,22 | 0,44 | 0,62 |
| **8 400** | 2,20 | 2,47 | 2,72 | 3,03 | 3,32 | 3,60 | 3,87 | – | – | – | – | – | 0,05 | 0,22 | 0,45 | 0,64 |
| **8 600** | 2,22 | 2,49 | 2,74 | 3,05 | 3,35 | 3,63 | – | – | – | – | – | – | 0,05 | 0,23 | 0,46 | 0,65 |
| **8 800** | 2,24 | 2,51 | 2,76 | 3,08 | 3,37 | 3,66 | – | – | – | – | – | – | 0,05 | 0,23 | 0,47 | 0,67 |
| **9 000** | 2,25 | 2,52 | 2,78 | 3,10 | 3,40 | 3,68 | – | – | – | – | – | – | 0,05 | 0,24 | 0,48 | 0,68 |
| **9 200** | 2,27 | 2,54 | 2,80 | 3,12 | 3,42 | – | – | – | – | – | – | – | 0,05 | 0,25 | 0,49 | 0,70 |
| **9 400** | 2,28 | 2,55 | 2,82 | 3,14 | 3,44 | – | – | – | – | – | – | – | 0,05 | 0,25 | 0,50 | 0,71 |
| **9 600** | 2,29 | 2,57 | 2,83 | 3,15 | – | – | – | – | – | – | – | – | 0,05 | 0,26 | 0,51 | 0,73 |
| **9 800** | 2,30 | 2,58 | 2,85 | 3,17 | – | – | – | – | – | – | – | – | 0,05 | 0,26 | 0,52 | 0,74 |
| **10 000** | 2,31 | 2,59 | 2,86 | 3,18 | – | – | – | – | – | – | – | – | 0,05 | 0,27 | 0,53 | 0,76 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

**Table 9b**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 80 | 85 | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | kW | | | |
| **100** | 0,19 | 0,21 | 0,23 | 0,25 | 0,27 | 0,29 | 0,32 | 0,34 | 0,37 | 0,40 | 0,43 | 0,00 | 0,01 | 0,02 | 0,02 |
| **200** | 0,33 | 0,37 | 0,41 | 0,45 | 0,49 | 0,53 | 0,58 | 0,62 | 0,67 | 0,73 | 0,78 | 0,00 | 0,02 | 0,04 | 0,05 |
| **300** | 0,47 | 0,52 | 0,58 | 0,63 | 0,69 | 0,75 | 0,82 | 0,88 | 0,96 | 1,03 | 1,11 | 0,01 | 0,03 | 0,05 | 0,07 |
| **400** | 0,59 | 0,66 | 0,73 | 0,80 | 0,87 | 0,96 | 1,04 | 1,12 | 1,22 | 1,32 | 1,43 | 0,01 | 0,04 | 0,07 | 0,09 |
| **500** | 0,70 | 0,79 | 0,88 | 0,96 | 1,05 | 1,15 | 1,26 | 1,36 | 1,48 | 1,59 | 1,73 | 0,01 | 0,05 | 0,09 | 0,11 |
| **600** | 0,81 | 0,91 | 1,02 | 1,12 | 1,22 | 1,34 | 1,46 | 1,58 | 1,72 | 1,86 | 2,02 | 0,01 | 0,06 | 0,11 | 0,14 |
| **700** | 0,91 | 1,03 | 1,15 | 1,27 | 1,38 | 1,52 | 1,66 | 1,80 | 1,96 | 2,11 | 2,29 | 0,02 | 0,07 | 0,13 | 0,16 |
| **720** | 0,93 | 1,05 | 1,17 | 1,29 | 1,41 | 1,56 | 1,70 | 1,84 | 2,00 | 2,16 | 2,35 | 0,02 | 0,08 | 0,13 | 0,16 |
| **800** | 1,01 | 1,14 | 1,28 | 1,41 | 1,54 | 1,70 | 1,85 | 2,01 | 2,18 | 2,36 | 2,56 | 0,02 | 0,08 | 0,15 | 0,18 |
| **900** | 1,10 | 1,25 | 1,40 | 1,54 | 1,69 | 1,86 | 2,04 | 2,21 | 2,41 | 2,60 | 2,82 | 0,02 | 0,09 | 0,16 | 0,20 |
| **960** | 1,16 | 1,31 | 1,47 | 1,63 | 1,78 | 1,96 | 2,14 | 2,33 | 2,53 | 2,74 | 2,98 | 0,02 | 0,10 | 0,18 | 0,22 |
| **1 000** | 1,19 | 1,36 | 1,52 | 1,68 | 1,84 | 2,03 | 2,22 | 2,40 | 2,62 | 2,83 | 3,08 | 0,02 | 0,10 | 0,18 | 0,23 |
| **1 100** | 1,28 | 1,46 | 1,63 | 1,81 | 1,98 | 2,19 | 2,39 | 2,59 | 2,83 | 3,06 | 3,32 | 0,03 | 0,11 | 0,20 | 0,25 |
| **1 200** | 1,36 | 1,55 | 1,74 | 1,93 | 2,12 | 2,34 | 2,56 | 2,78 | 3,03 | 3,28 | 3,56 | 0,03 | 0,13 | 0,22 | 0,27 |
| **1 300** | 1,44 | 1,65 | 1,85 | 2,05 | 2,25 | 2,49 | 2,72 | 2,96 | 3,23 | 3,49 | 3,80 | 0,03 | 0,14 | 0,24 | 0,29 |
| **1 400** | 1,52 | 1,74 | 1,95 | 2,17 | 2,38 | 2,63 | 2,88 | 3,13 | 3,42 | 3,70 | 4,02 | 0,03 | 0,15 | 0,26 | 0,32 |
| **1 440** | 1,55 | 1,77 | 1,99 | 2,21 | 2,43 | 2,69 | 2,95 | 3,20 | 3,49 | 3,78 | 4,11 | 0,03 | 0,15 | 0,26 | 0,33 |
| **1 500** | 1,59 | 1,83 | 2,05 | 2,28 | 2,51 | 2,77 | 3,04 | 3,30 | 3,60 | 3,90 | 4,24 | 0,03 | 0,16 | 0,27 | 0,34 |
| **1 600** | 1,67 | 1,91 | 2,15 | 2,39 | 2,63 | 2,91 | 3,19 | 3,46 | 3,78 | 4,09 | 4,45 | 0,04 | 0,17 | 0,29 | 0,36 |
| **1 700** | 1,74 | 1,99 | 2,25 | 2,50 | 2,75 | 3,04 | 3,33 | 3,62 | 3,95 | 4,28 | 4,65 | 0,04 | 0,18 | 0,31 | 0,39 |
| **1 800** | 1,80 | 2,07 | 2,34 | 2,60 | 2,86 | 3,17 | 3,47 | 3,78 | 4,12 | 4,46 | 4,85 | 0,04 | 0,19 | 0,33 | 0,41 |
| **1 900** | 1,87 | 2,15 | 2,42 | 2,70 | 2,97 | 3,29 | 3,61 | 3,92 | 4,29 | 4,64 | 5,04 | 0,04 | 0,20 | 0,35 | 0,43 |
| **2 000** | 1,93 | 2,22 | 2,51 | 2,80 | 3,08 | 3,41 | 3,74 | 4,07 | 4,44 | 4,81 | 5,22 | 0,05 | 0,21 | 0,37 | 0,45 |
| **2 100** | 1,99 | 2,29 | 2,59 | 2,89 | 3,18 | 3,53 | 3,87 | 4,21 | 4,59 | 4,97 | 5,39 | 0,05 | 0,22 | 0,38 | 0,48 |
| **2 200** | 2,04 | 2,36 | 2,67 | 2,98 | 3,28 | 3,64 | 3,99 | 4,34 | 4,74 | 5,13 | 5,56 | 0,05 | 0,23 | 0,40 | 0,50 |
| **2 300** | 2,10 | 2,42 | 2,75 | 3,06 | 3,38 | 3,75 | 4,11 | 4,47 | 4,88 | 5,28 | 5,72 | 0,05 | 0,24 | 0,42 | 0,52 |
| **2 400** | 2,15 | 2,49 | 2,82 | 3,15 | 3,47 | 3,85 | 4,22 | 4,59 | 5,01 | 5,42 | 5,87 | 0,05 | 0,25 | 0,44 | 0,54 |
| **2 500** | 2,20 | 2,55 | 2,89 | 3,22 | 3,56 | 3,95 | 4,33 | 4,71 | 5,14 | 5,55 | 6,02 | 0,06 | 0,26 | 0,46 | 0,57 |
| **2 600** | 2,24 | 2,60 | 2,95 | 3,30 | 3,64 | 4,04 | 4,44 | 4,82 | 5,26 | 5,68 | 6,15 | 0,06 | 0,27 | 0,48 | 0,59 |
| **2 700** | 2,29 | 2,66 | 3,02 | 3,37 | 3,72 | 4,13 | 4,53 | 4,93 | 5,37 | 5,80 | 6,28 | 0,06 | 0,28 | 0,49 | 0,61 |
| **2 800** | 2,33 | 2,71 | 3,08 | 3,44 | 3,80 | 4,22 | 4,63 | 5,03 | 5,48 | 5,92 | 6,40 | 0,06 | 0,29 | 0,51 | 0,63 |
| **2 880** | 2,36 | 2,75 | 3,12 | 3,49 | 3,86 | 4,28 | 4,70 | 5,10 | 5,56 | 6,00 | 6,49 | 0,07 | 0,30 | 0,53 | 0,65 |
| **2 900** | 2,37 | 2,76 | 3,14 | 3,51 | 3,87 | 4,30 | 4,72 | 5,12 | 5,58 | 6,02 | 6,51 | 0,07 | 0,30 | 0,53 | 0,66 |
| **3 000** | 2,41 | 2,80 | 3,19 | 3,57 | 3,94 | 4,38 | 4,80 | 5,21 | 5,67 | 6,12 | 6,61 | 0,07 | 0,31 | 0,55 | 0,68 |
| **3 100** | 2,44 | 2,85 | 3,24 | 3,63 | 4,01 | 4,45 | 4,88 | 5,29 | 5,76 | 6,21 | 6,70 | 0,07 | 0,32 | 0,57 | 0,70 |
| **3 200** | 2,47 | 2,89 | 3,29 | 3,68 | 4,07 | 4,51 | 4,95 | 5,37 | 5,84 | 6,29 | 6,78 | 0,07 | 0,33 | 0,59 | 0,72 |
| **3 300** | 2,50 | 2,92 | 3,33 | 3,73 | 4,12 | 4,58 | 5,02 | 5,44 | 5,92 | 6,37 | 6,86 | 0,08 | 0,34 | 0,60 | 0,75 |
| **3 400** | 2,53 | 2,96 | 3,37 | 3,78 | 4,18 | 4,64 | 5,08 | 5,51 | 5,98 | 6,43 | 6,92 | 0,08 | 0,36 | 0,62 | 0,77 |
| **3 500** | 2,55 | 2,99 | 3,41 | 3,82 | 4,22 | 4,69 | 5,14 | 5,56 | 6,04 | 6,49 | 6,98 | 0,08 | 0,37 | 0,64 | 0,79 |
| **3 600** | 2,58 | 3,02 | 3,45 | 3,86 | 4,27 | 4,74 | 5,19 | 5,62 | 6,09 | 6,54 | 7,02 | 0,08 | 0,38 | 0,66 | 0,82 |
| **3 700** | 2,60 | 3,04 | 3,48 | 3,90 | 4,31 | 4,78 | 5,23 | 5,66 | 6,14 | 6,58 | 7,05 | 0,08 | 0,39 | 0,68 | 0,84 |
| **3 800** | 2,61 | 3,06 | 3,50 | 3,93 | 4,34 | 4,82 | 5,27 | 5,70 | 6,17 | 6,61 | 7,08 | 0,09 | 0,40 | 0,70 | 0,86 |
| **3 900** | 2,63 | 3,08 | 3,53 | 3,96 | 4,37 | 4,85 | 5,30 | 5,73 | 6,20 | 6,64 | 7,09 | 0,09 | 0,41 | 0,71 | 0,88 |
| **4 000** | 2,64 | 3,10 | 3,55 | 3,98 | 4,40 | 4,88 | 5,33 | 5,76 | 6,22 | 6,65 | 7,09 | 0,09 | 0,42 | 0,73 | 0,91 |
| **4 100** | 2,64 | 3,11 | 3,57 | 4,00 | 4,42 | 4,90 | 5,35 | 5,77 | 6,23 | 6,65 | – | 0,09 | 0,43 | 0,75 | 0,93 |
| **4 200** | 2,65 | 3,12 | 3,58 | 4,02 | 4,43 | 4,91 | 5,36 | 5,78 | 6,24 | – | – | 0,10 | 0,44 | 0,77 | 0,95 |
| **4 300** | 2,65 | 3,13 | 3,59 | 4,03 | 4,45 | 4,92 | 5,37 | 5,79 | – | – | – | 0,10 | 0,45 | 0,79 | 0,97 |
| **4 400** | – | 3,13 | 3,59 | 4,03 | 4,45 | 4,93 | 5,37 | – | – | – | – | 0,10 | 0,46 | 0,81 | 1,00 |
| **4 500** | – | – | 3,59 | 4,04 | 4,45 | – | – | – | – | – | – | 0,10 | 0,47 | 0,82 | 1,02 |

Table 9c

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 125 | 132 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | kW | | | |
| **100** | 0,47 | 0,51 | 0,56 | 0,63 | 0,69 | 0,75 | 0,81 | 0,87 | 0,93 | 0,01 | 0,02 | 0,04 | 0,05 |
| **200** | 0,84 | 0,92 | 1,02 | 1,14 | 1,25 | 1,37 | 1,48 | 1,60 | 1,71 | 0,01 | 0,05 | 0,08 | 0,11 |
| **300** | 1,18 | 1,30 | 1,43 | 1,60 | 1,77 | 1,93 | 2,10 | 2,26 | 2,43 | 0,02 | 0,07 | 0,13 | 0,16 |
| **400** | 1,49 | 1,64 | 1,82 | 2,03 | 2,25 | 2,47 | 2,68 | 2,89 | 3,10 | 0,02 | 0,09 | 0,17 | 0,21 |
| **500** | 1,78 | 1,97 | 2,18 | 2,45 | 2,71 | 2,97 | 3,23 | 3,49 | 3,75 | 0,03 | 0,12 | 0,21 | 0,26 |
| **600** | 2,05 | 2,27 | 2,52 | 2,84 | 3,15 | 3,45 | 3,76 | 4,06 | 4,36 | 0,03 | 0,14 | 0,25 | 0,32 |
| **700** | 2,31 | 2,57 | 2,85 | 3,21 | 3,57 | 3,92 | 4,26 | 4,61 | 4,95 | 0,04 | 0,17 | 0,29 | 0,37 |
| **720** | 2,36 | 2,62 | 2,92 | 3,28 | 3,65 | 4,01 | 4,36 | 4,72 | 5,07 | 0,04 | 0,17 | 0,30 | 0,38 |
| **800** | 2,56 | 2,85 | 3,17 | 3,57 | 3,97 | 4,36 | 4,75 | 5,13 | 5,52 | 0,04 | 0,19 | 0,34 | 0,42 |
| **900** | 2,80 | 3,12 | 3,47 | 3,91 | 4,35 | 4,79 | 5,22 | 5,64 | 6,06 | 0,05 | 0,21 | 0,38 | 0,47 |
| **960** | 2,94 | 3,27 | 3,65 | 4,11 | 4,58 | 5,03 | 5,49 | 5,93 | 6,37 | 0,05 | 0,23 | 0,40 | 0,50 |
| **1 000** | 3,03 | 3,37 | 3,76 | 4,25 | 4,72 | 5,20 | 5,66 | 6,12 | 6,58 | 0,05 | 0,24 | 0,42 | 0,53 |
| **1 100** | 3,24 | 3,62 | 4,04 | 4,56 | 5,08 | 5,59 | 6,09 | 6,59 | 7,08 | 0,06 | 0,26 | 0,46 | 0,58 |
| **1 200** | 3,45 | 3,85 | 4,31 | 4,87 | 5,42 | 5,96 | 6,50 | 7,03 | 7,55 | 0,06 | 0,28 | 0,50 | 0,63 |
| **1 300** | 3,65 | 4,08 | 4,56 | 5,16 | 5,74 | 6,32 | 6,89 | 7,45 | 8,00 | 0,07 | 0,31 | 0,55 | 0,68 |
| **1 400** | 3,84 | 4,29 | 4,80 | 5,43 | 6,05 | 6,66 | 7,26 | 7,85 | 8,43 | 0,07 | 0,33 | 0,59 | 0,74 |
| **1 440** | 3,91 | 4,37 | 4,90 | 5,54 | 6,17 | 6,80 | 7,41 | 8,01 | 8,59 | 0,07 | 0,34 | 0,60 | 0,76 |
| **1 500** | 4,02 | 4,49 | 5,03 | 5,70 | 6,35 | 6,99 | 7,62 | 8,23 | 8,83 | 0,08 | 0,36 | 0,63 | 0,79 |
| **1 600** | 4,19 | 4,69 | 5,25 | 5,95 | 6,63 | 7,30 | 7,95 | 8,59 | 9,21 | 0,08 | 0,38 | 0,67 | 0,84 |
| **1 700** | 4,35 | 4,87 | 5,46 | 6,19 | 6,90 | 7,59 | 8,26 | 8,92 | 9,56 | 0,09 | 0,40 | 0,71 | 0,89 |
| **1 800** | 4,50 | 5,04 | 5,66 | 6,41 | 7,14 | 7,86 | 8,56 | 9,23 | 9,89 | 0,09 | 0,43 | 0,76 | 0,95 |
| **1 900** | 4,64 | 5,21 | 5,84 | 6,62 | 7,38 | 8,11 | 8,83 | 9,52 | 10,19 | 0,10 | 0,45 | 0,80 | 1,00 |
| **2 000** | 4,77 | 5,36 | 6,02 | 6,82 | 7,59 | 8,35 | 9,08 | 9,78 | 10,46 | 0,10 | 0,47 | 0,84 | 1,05 |
| **2 100** | 4,89 | 5,50 | 6,18 | 7,00 | 7,80 | 8,56 | 9,31 | 10,02 | 10,70 | 0,11 | 0,50 | 0,88 | 1,10 |
| **2 200** | 5,01 | 5,63 | 6,32 | 7,17 | 7,98 | 8,76 | 9,51 | 10,23 | 10,92 | 0,11 | 0,52 | 0,92 | 1,16 |
| **2 300** | 5,11 | 5,75 | 6,46 | 7,32 | 8,14 | 8,94 | 9,69 | 10,42 | 11,10 | 0,12 | 0,54 | 0,97 | 1,21 |
| **2 400** | 5,20 | 5,86 | 6,58 | 7,45 | 8,29 | 9,09 | 9,85 | 10,57 | 11,25 | 0,12 | 0,57 | 1,01 | 1,26 |
| **2 500** | 5,29 | 5,95 | 6,69 | 7,57 | 8,42 | 9,22 | 9,98 | 10,70 | 11,37 | 0,13 | 0,59 | 1,05 | 1,31 |
| **2 600** | 5,36 | 6,03 | 6,78 | 7,68 | 8,53 | 9,34 | 10,09 | 10,80 | 11,45 | 0,13 | 0,62 | 1,09 | 1,37 |
| **2 700** | 5,42 | 6,11 | 6,86 | 7,77 | 8,62 | 9,42 | 10,17 | 10,87 | 11,50 | 0,14 | 0,64 | 1,13 | 1,42 |
| **2 800** | 5,47 | 6,17 | 6,93 | 7,84 | 8,69 | 9,49 | 10,23 | 10,90 | 11,51 | 0,14 | 0,66 | 1,18 | 1,47 |
| **2 880** | 5,50 | 6,20 | 6,97 | 7,88 | 8,73 | 9,52 | 10,25 | 10,91 | – | 0,15 | 0,68 | 1,21 | 1,51 |
| **2 900** | 5,51 | 6,21 | 6,98 | 7,89 | 8,74 | 9,53 | 10,25 | – | – | 0,15 | 0,69 | 1,22 | 1,53 |
| **3 000** | 5,54 | 6,25 | 7,02 | 7,93 | 8,77 | 9,55 | – | – | – | 0,15 | 0,71 | 1,26 | 1,58 |
| **3 100** | 5,56 | 6,27 | 7,04 | 7,95 | 8,78 | – | – | – | – | 0,16 | 0,73 | 1,30 | 1,63 |
| **3 200** | 5,56 | 6,27 | 7,05 | – | – | – | – | – | – | 0,16 | 0,76 | 1,34 | 1,68 |

# Power ratings
## Section C

**Table 9d**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | kW | | | |
| **100** | 1,51 | 1,63 | 1,77 | 1,92 | 2,06 | 2,26 | 2,40 | 2,60 | 2,79 | 2,98 | 3,22 | 0,01 | 0,06 | 0,11 | 0,14 |
| **200** | 2,75 | 2,97 | 3,23 | 3,51 | 3,78 | 4,14 | 4,42 | 4,78 | 5,14 | 5,49 | 5,93 | 0,02 | 0,12 | 0,22 | 0,29 |
| **300** | 3,87 | 4,19 | 4,56 | 4,96 | 5,36 | 5,88 | 6,27 | 6,79 | 7,30 | 7,81 | 8,44 | 0,04 | 0,17 | 0,33 | 0,43 |
| **400** | 4,92 | 5,33 | 5,81 | 6,32 | 6,83 | 7,51 | 8,01 | 8,67 | 9,32 | 9,97 | 10,78 | 0,05 | 0,23 | 0,43 | 0,58 |
| **500** | 5,90 | 6,41 | 6,99 | 7,61 | 8,22 | 9,04 | 9,64 | 10,44 | 11,23 | 12,00 | 12,97 | 0,06 | 0,29 | 0,54 | 0,72 |
| **600** | 6,83 | 7,42 | 8,10 | 8,82 | 9,54 | 10,48 | 11,18 | 12,10 | 13,01 | 13,91 | 15,01 | 0,07 | 0,35 | 0,65 | 0,87 |
| **700** | 7,71 | 8,38 | 9,15 | 9,97 | 10,78 | 11,84 | 12,63 | 13,66 | 14,68 | 15,68 | 16,90 | 0,08 | 0,41 | 0,76 | 1,01 |
| **720** | 7,88 | 8,57 | 9,36 | 10,19 | 11,02 | 12,11 | 12,91 | 13,96 | 15,00 | 16,02 | 17,26 | 0,09 | 0,42 | 0,78 | 1,04 |
| **800** | 8,54 | 9,29 | 10,15 | 11,05 | 11,95 | 13,12 | 13,99 | 15,12 | 16,23 | 17,31 | 18,64 | 0,10 | 0,46 | 0,87 | 1,16 |
| **900** | 9,33 | 10,14 | 11,08 | 12,07 | 13,04 | 14,31 | 15,25 | 16,47 | 17,65 | 18,81 | 20,21 | 0,11 | 0,52 | 0,98 | 1,30 |
| **960** | 9,78 | 10,63 | 11,61 | 12,65 | 13,66 | 14,99 | 15,96 | 17,22 | 18,44 | 19,63 | 21,06 | 0,12 | 0,56 | 1,04 | 1,39 |
| **1 000** | 10,06 | 10,94 | 11,95 | 13,02 | 14,06 | 15,42 | 16,41 | 17,70 | 18,94 | 20,15 | 21,60 | 0,12 | 0,58 | 1,09 | 1,44 |
| **1 100** | 10,75 | 11,69 | 12,77 | 13,89 | 15,00 | 16,42 | 17,46 | 18,81 | 20,10 | 21,33 | 22,80 | 0,13 | 0,64 | 1,19 | 1,59 |
| **1 200** | 11,39 | 12,38 | 13,52 | 14,70 | 15,85 | 17,34 | 18,41 | 19,79 | 21,10 | 22,35 | 23,80 | 0,15 | 0,70 | 1,30 | 1,73 |
| **1 300** | 11,98 | 13,02 | 14,20 | 15,43 | 16,62 | 18,15 | 19,24 | 20,64 | 21,95 | 23,18 | 24,59 | 0,16 | 0,75 | 1,41 | 1,88 |
| **1 400** | 12,51 | 13,59 | 14,81 | 16,08 | 17,30 | 18,85 | 19,95 | 21,34 | 22,63 | 23,82 | 25,16 | 0,17 | 0,81 | 1,52 | 2,02 |
| **1 440** | 12,71 | 13,80 | 15,04 | 16,32 | 17,55 | 19,10 | 20,20 | 21,58 | 22,86 | 24,02 | 25,32 | 0,17 | 0,83 | 1,56 | 2,08 |
| **1 500** | 12,99 | 14,10 | 15,36 | 16,65 | 17,89 | 19,44 | 20,54 | 21,90 | 23,14 | 24,26 | 25,48 | 0,18 | 0,87 | 1,63 | 2,17 |
| **1 600** | 13,41 | 14,55 | 15,83 | 17,14 | 18,38 | 19,92 | 20,99 | 22,30 | 23,47 | 24,49 | 25,55 | 0,19 | 0,93 | 1,74 | 2,31 |
| **1 700** | 13,78 | 14,94 | 16,23 | 17,53 | 18,76 | 20,27 | 21,30 | 22,54 | 23,60 | 24,50 | – | 0,21 | 0,98 | 1,85 | 2,45 |
| **1 800** | 14,09 | 15,25 | 16,54 | 17,84 | 19,04 | 20,49 | 21,47 | 22,60 | – | – | – | 0,22 | 1,04 | 1,95 | 2,60 |
| **1 900** | 14,33 | 15,49 | 16,77 | 18,04 | 19,21 | 20,58 | 21,48 | – | – | – | – | 0,23 | 1,10 | 2,06 | 2,74 |
| **2 000** | 14,51 | 15,66 | 16,92 | 18,15 | 19,26 | – | – | – | – | – | – | 0,24 | 1,16 | 2,17 | 2,89 |
| **2 100** | 14,62 | 15,75 | 16,98 | 18,15 | – | – | – | – | – | – | – | 0,25 | 1,22 | 2,28 | 3,03 |
| **2 200** | 14,66 | 15,77 | – | – | – | – | – | – | – | – | – | 0,27 | 1,27 | 2,39 | 3,18 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section D

**Table 9e**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 630 | 710 | 800 | 1 000 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 4,26 | 4,62 | 5,06 | 5,50 | 5,93 | 6,37 | 6,80 | 7,32 | 7,83 | 9,02 | 10,36 | 11,85 | 15,11 | 0,03 | 0,17 | 0,32 | 0,42 |
| **200** | 7,72 | 8,38 | 9,21 | 10,03 | 10,84 | 11,65 | 12,45 | 13,41 | 14,36 | 16,56 | 19,03 | 21,75 | 27,62 | 0,07 | 0,33 | 0,63 | 0,85 |
| **300** | 10,84 | 11,79 | 12,96 | 14,13 | 15,29 | 16,44 | 17,58 | 18,93 | 20,28 | 23,36 | 26,79 | 30,54 | 38,43 | 0,10 | 0,50 | 0,95 | 1,27 |
| **400** | 13,70 | 14,91 | 16,41 | 17,90 | 19,37 | 20,82 | 22,26 | 23,96 | 25,64 | 29,47 | 33,68 | 38,21 | 47,37 | 0,14 | 0,67 | 1,26 | 1,69 |
| **500** | 16,32 | 17,78 | 19,58 | 21,35 | 23,09 | 24,81 | 26,51 | 28,50 | 30,46 | 34,88 | 39,64 | 44,63 | 54,12 | 0,17 | 0,84 | 1,58 | 2,11 |
| **600** | 18,73 | 20,40 | 22,46 | 24,48 | 26,46 | 28,40 | 30,30 | 32,53 | 34,69 | 39,50 | 44,56 | 49,63 | 58,31 | 0,21 | 1,00 | 1,89 | 2,54 |
| **700** | 20,91 | 22,77 | 25,05 | 27,27 | 29,44 | 31,55 | 33,60 | 35,99 | 38,28 | 43,27 | 48,30 | 53,02 | 59,53 | 0,24 | 1,17 | 2,21 | 2,96 |
| **800** | 22,85 | 24,87 | 27,33 | 29,71 | 32,02 | 34,24 | 36,38 | 38,84 | 41,17 | 46,08 | 50,73 | 54,61 | – | 0,28 | 1,34 | 2,52 | 3,38 |
| **900** | 24,55 | 26,69 | 29,28 | 31,77 | 34,16 | 36,43 | 38,59 | 41,03 | 43,29 | 47,85 | 51,71 | – | – | 0,31 | 1,51 | 2,84 | 3,81 |
| **1 000** | 25,98 | 28,21 | 30,89 | 33,42 | 35,82 | 38,08 | 40,18 | 42,50 | 44,58 | 48,46 | – | – | – | 0,35 | 1,67 | 3,16 | 4,23 |
| **1 100** | 27,14 | 29,42 | 32,12 | 34,64 | 36,98 | 39,14 | 41,10 | 43,18 | 44,95 | – | – | – | – | 0,38 | 1,84 | 3,47 | 4,65 |
| **1 200** | 28,00 | 30,28 | 32,95 | 35,39 | 37,60 | 39,57 | 41,29 | – | – | – | – | – | – | 0,42 | 2,01 | 3,79 | 5,07 |
| **1 300** | 28,55 | 30,79 | 33,35 | 35,64 | 37,63 | – | – | – | – | – | – | – | – | 0,45 | 2,17 | 4,10 | 5,50 |
| **1 400** | 28,78 | 30,92 | – | – | – | – | – | – | – | – | – | – | – | 0,49 | 2,34 | 4,42 | 5,92 |
| **1 500** | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,52 | 2,51 | 4,73 | 6,34 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9f

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 112 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | kW | | | |
| **100** | 0,11 | 0,13 | 0,14 | 0,16 | 0,17 | 0,19 | 0,21 | 0,22 | 0,26 | 0,31 | 0,33 | 0,36 | – | 0,01 | 0,01 | 0,01 |
| **500** | 0,45 | 0,51 | 0,57 | 0,65 | 0,72 | 0,80 | 0,87 | 0,95 | 1,13 | 1,32 | 1,42 | 1,54 | 0,01 | 0,03 | 0,06 | 0,06 |
| **720** | 0,61 | 0,69 | 0,78 | 0,89 | 0,99 | 1,10 | 1,20 | 1,31 | 1,56 | 1,82 | 1,97 | 2,13 | 0,01 | 0,05 | 0,08 | 0,09 |
| **800** | 0,66 | 0,76 | 0,85 | 0,97 | 1,09 | 1,20 | 1,32 | 1,43 | 1,71 | 2,00 | 2,16 | 2,34 | 0,01 | 0,05 | 0,09 | 0,10 |
| **900** | 0,73 | 0,83 | 0,94 | 1,07 | 1,20 | 1,33 | 1,46 | 1,59 | 1,89 | 2,22 | 2,40 | 2,60 | 0,01 | 0,06 | 0,10 | 0,11 |
| **960** | 0,77 | 0,88 | 0,99 | 1,13 | 1,27 | 1,41 | 1,54 | 1,68 | 2,00 | 2,35 | 2,54 | 2,75 | 0,02 | 0,07 | 0,11 | 0,12 |
| **1 000** | 0,79 | 0,91 | 1,03 | 1,17 | 1,31 | 1,46 | 1,60 | 1,74 | 2,08 | 2,44 | 2,63 | 2,85 | 0,02 | 0,07 | 0,11 | 0,13 |
| **1 100** | 0,86 | 0,98 | 1,11 | 1,27 | 1,42 | 1,58 | 1,74 | 1,89 | 2,26 | 2,65 | 2,86 | 3,10 | 0,02 | 0,08 | 0,12 | 0,14 |
| **1 200** | 0,92 | 1,06 | 1,19 | 1,36 | 1,53 | 1,70 | 1,87 | 2,04 | 2,43 | 2,86 | 3,08 | 3,34 | 0,02 | 0,08 | 0,13 | 0,15 |
| **1 300** | 0,98 | 1,13 | 1,28 | 1,46 | 1,64 | 1,82 | 2,00 | 2,18 | 2,61 | 3,06 | 3,30 | 3,58 | 0,02 | 0,09 | 0,14 | 0,17 |
| **1 400** | 1,04 | 1,20 | 1,35 | 1,55 | 1,75 | 1,94 | 2,13 | 2,32 | 2,78 | 3,26 | 3,52 | 3,81 | 0,02 | 0,10 | 0,15 | 0,18 |
| **1 440** | 1,06 | 1,22 | 1,39 | 1,59 | 1,79 | 1,99 | 2,18 | 2,38 | 2,84 | 3,34 | 3,61 | 3,90 | 0,02 | 0,10 | 0,16 | 0,18 |
| **1 500** | 1,10 | 1,27 | 1,43 | 1,64 | 1,85 | 2,05 | 2,26 | 2,46 | 2,94 | 3,46 | 3,73 | 4,04 | 0,02 | 0,10 | 0,17 | 0,19 |
| **1 600** | 1,15 | 1,33 | 1,51 | 1,73 | 1,95 | 2,17 | 2,38 | 2,60 | 3,11 | 3,65 | 3,94 | 4,27 | 0,03 | 0,11 | 0,18 | 0,20 |
| **1 700** | 1,21 | 1,40 | 1,59 | 1,82 | 2,05 | 2,28 | 2,51 | 2,73 | 3,27 | 3,84 | 4,15 | 4,49 | 0,03 | 0,12 | 0,19 | 0,22 |
| **1 800** | 1,26 | 1,46 | 1,66 | 1,90 | 2,15 | 2,39 | 2,63 | 2,87 | 3,43 | 4,03 | 4,35 | 4,71 | 0,03 | 0,12 | 0,20 | 0,23 |
| **1 900** | 1,32 | 1,52 | 1,73 | 1,99 | 2,24 | 2,50 | 2,75 | 3,00 | 3,59 | 4,21 | 4,55 | 4,92 | 0,03 | 0,13 | 0,21 | 0,24 |
| **2 000** | 1,37 | 1,59 | 1,80 | 2,07 | 2,34 | 2,60 | 2,87 | 3,13 | 3,74 | 4,39 | 4,74 | 5,13 | 0,03 | 0,14 | 0,22 | 0,26 |
| **2 100** | 1,42 | 1,65 | 1,87 | 2,15 | 2,43 | 2,71 | 2,98 | 3,25 | 3,89 | 4,57 | 4,93 | 5,33 | 0,03 | 0,14 | 0,23 | 0,27 |
| **2 200** | 1,47 | 1,71 | 1,94 | 2,23 | 2,52 | 2,81 | 3,09 | 3,38 | 4,04 | 4,74 | 5,11 | 5,53 | 0,03 | 0,15 | 0,24 | 0,28 |
| **2 300** | 1,52 | 1,77 | 2,01 | 2,31 | 2,61 | 2,91 | 3,21 | 3,50 | 4,19 | 4,91 | 5,30 | 5,73 | 0,04 | 0,16 | 0,25 | 0,29 |
| **2 400** | 1,57 | 1,82 | 2,08 | 2,39 | 2,70 | 3,01 | 3,31 | 3,62 | 4,33 | 5,08 | 5,47 | 5,92 | 0,04 | 0,16 | 0,27 | 0,31 |
| **2 500** | 1,61 | 1,88 | 2,14 | 2,47 | 2,79 | 3,11 | 3,42 | 3,73 | 4,47 | 5,24 | 5,65 | 6,10 | 0,04 | 0,17 | 0,28 | 0,32 |
| **2 600** | 1,66 | 1,93 | 2,20 | 2,54 | 2,87 | 3,20 | 3,53 | 3,85 | 4,60 | 5,40 | 5,81 | 6,28 | 0,04 | 0,18 | 0,29 | 0,33 |
| **2 700** | 1,70 | 1,99 | 2,27 | 2,61 | 2,96 | 3,30 | 3,63 | 3,96 | 4,74 | 5,55 | 5,98 | 6,45 | 0,04 | 0,18 | 0,30 | 0,34 |
| **2 800** | 1,75 | 2,04 | 2,33 | 2,69 | 3,04 | 3,39 | 3,73 | 4,07 | 4,87 | 5,70 | 6,14 | 6,62 | 0,04 | 0,19 | 0,31 | 0,36 |
| **2 880** | 1,78 | 2,08 | 2,38 | 2,74 | 3,10 | 3,46 | 3,81 | 4,16 | 4,97 | 5,82 | 6,26 | 6,76 | 0,05 | 0,20 | 0,32 | 0,37 |
| **2 900** | 1,79 | 2,09 | 2,39 | 2,76 | 3,12 | 3,48 | 3,83 | 4,18 | 5,00 | 5,85 | 6,29 | 6,79 | 0,05 | 0,20 | 0,32 | 0,37 |
| **3 000** | 1,83 | 2,14 | 2,45 | 2,83 | 3,20 | 3,57 | 3,93 | 4,29 | 5,12 | 5,99 | 6,45 | 6,95 | 0,05 | 0,21 | 0,33 | 0,38 |
| **3 100** | 1,87 | 2,19 | 2,51 | 2,89 | 3,27 | 3,65 | 4,02 | 4,39 | 5,24 | 6,13 | 6,59 | 7,10 | 0,05 | 0,21 | 0,34 | 0,40 |
| **3 200** | 1,91 | 2,24 | 2,56 | 2,96 | 3,35 | 3,74 | 4,12 | 4,49 | 5,36 | 6,27 | 6,73 | 7,25 | 0,05 | 0,22 | 0,35 | 0,41 |
| **3 300** | 1,95 | 2,29 | 2,62 | 3,02 | 3,42 | 3,82 | 4,21 | 4,59 | 5,48 | 6,40 | 6,87 | 7,39 | 0,05 | 0,23 | 0,36 | 0,42 |
| **3 400** | 1,99 | 2,33 | 2,67 | 3,09 | 3,50 | 3,90 | 4,30 | 4,68 | 5,59 | 6,52 | 7,00 | 7,53 | 0,05 | 0,23 | 0,38 | 0,43 |
| **3 500** | 2,03 | 2,38 | 2,72 | 3,15 | 3,57 | 3,98 | 4,38 | 4,78 | 5,70 | 6,64 | 7,13 | 7,66 | 0,06 | 0,24 | 0,39 | 0,45 |
| **3 600** | 2,06 | 2,42 | 2,77 | 3,21 | 3,63 | 4,05 | 4,47 | 4,87 | 5,80 | 6,76 | 7,25 | 7,78 | 0,06 | 0,25 | 0,40 | 0,46 |
| **3 700** | 2,10 | 2,46 | 2,82 | 3,27 | 3,70 | 4,13 | 4,55 | 4,96 | 5,90 | 6,87 | 7,36 | 7,90 | 0,06 | 0,25 | 0,41 | 0,47 |
| **3 800** | 2,13 | 2,50 | 2,87 | 3,32 | 3,77 | 4,20 | 4,63 | 5,04 | 6,00 | 6,98 | 7,47 | 8,01 | 0,06 | 0,26 | 0,42 | 0,48 |
| **3 900** | 2,17 | 2,55 | 2,92 | 3,38 | 3,83 | 4,27 | 4,70 | 5,13 | 6,10 | 7,08 | 7,58 | 8,11 | 0,06 | 0,27 | 0,43 | 0,50 |
| **4 000** | 2,20 | 2,58 | 2,97 | 3,43 | 3,89 | 4,34 | 4,78 | 5,21 | 6,19 | 7,18 | 7,67 | 8,21 | 0,06 | 0,27 | 0,44 | 0,51 |
| **4 200** | 2,26 | 2,66 | 3,05 | 3,54 | 4,01 | 4,47 | 4,92 | 5,36 | 6,36 | 7,36 | 7,85 | 8,39 | 0,07 | 0,29 | 0,46 | 0,54 |
| **4 400** | 2,31 | 2,73 | 3,14 | 3,63 | 4,12 | 4,59 | 5,05 | 5,50 | 6,51 | 7,52 | 8,01 | 8,53 | 0,07 | 0,30 | 0,49 | 0,56 |
| **4 600** | 2,37 | 2,79 | 3,21 | 3,72 | 4,22 | 4,70 | 5,17 | 5,63 | 6,65 | 7,65 | 8,14 | 8,65 | 0,07 | 0,32 | 0,51 | 0,59 |
| **4 800** | 2,41 | 2,85 | 3,28 | 3,81 | 4,32 | 4,81 | 5,29 | 5,75 | 6,78 | 7,77 | 8,25 | 8,74 | 0,08 | 0,33 | 0,53 | 0,61 |
| **5 000** | 2,46 | 2,91 | 3,35 | 3,88 | 4,40 | 4,90 | 5,39 | 5,85 | 6,88 | 7,86 | 8,32 | 8,80 | 0,08 | 0,34 | 0,55 | 0,64 |
| **5 200** | 2,49 | 2,96 | 3,41 | 3,95 | 4,48 | 4,99 | 5,47 | 5,94 | 6,97 | 7,93 | 8,38 | 8,82 | 0,08 | 0,36 | 0,57 | 0,66 |
| **5 400** | 2,53 | 3,00 | 3,46 | 4,01 | 4,55 | 5,06 | 5,55 | 6,02 | 7,04 | 7,97 | 8,40 | – | 0,09 | 0,37 | 0,60 | 0,69 |
| **5 600** | 2,56 | 3,04 | 3,50 | 4,07 | 4,61 | 5,13 | 5,62 | 6,08 | 7,09 | 7,99 | – | – | 0,09 | 0,38 | 0,62 | 0,71 |
| **5 800** | 2,58 | 3,07 | 3,54 | 4,11 | 4,66 | 5,18 | 5,67 | 6,14 | 7,12 | – | – | – | 0,09 | 0,40 | 0,64 | 0,74 |
| **6 000** | 2,60 | 3,10 | 3,58 | 4,15 | 4,70 | 5,22 | 5,71 | 6,17 | 7,14 | – | – | – | 0,09 | 0,41 | 0,66 | 0,77 |
| **6 200** | 2,62 | 3,12 | 3,60 | 4,18 | 4,73 | 5,25 | 5,74 | 6,19 | – | – | – | – | 0,10 | 0,42 | 0,69 | 0,79 |
| **6 400** | 2,62 | 3,13 | 3,62 | 4,21 | 4,76 | 5,27 | 5,76 | 6,20 | – | – | – | – | 0,10 | 0,44 | 0,71 | 0,82 |
| **6 600** | 2,63 | 3,14 | 3,64 | 4,22 | 4,77 | 5,28 | 5,76 | – | – | – | – | – | 0,10 | 0,45 | 0,73 | 0,84 |
| **6 800** | – | 3,14 | 3,64 | 4,23 | 4,77 | – | – | – | – | – | – | – | 0,11 | 0,47 | 0,75 | 0,87 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section SPA

**Table 9g**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 180 | 200 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,25 | 0,28 | 0,31 | 0,35 | 0,38 | 0,42 | 0,46 | 0,50 | 0,55 | 0,61 | 0,67 | 0,79 | 0,90 | – | 0,02 | 0,03 | 0,03 |
| **200** | 0,45 | 0,51 | 0,57 | 0,64 | 0,71 | 0,78 | 0,86 | 0,94 | 1,03 | 1,14 | 1,25 | 1,48 | 1,70 | 0,01 | 0,04 | 0,05 | 0,06 |
| **300** | 0,64 | 0,72 | 0,81 | 0,91 | 1,01 | 1,11 | 1,23 | 1,34 | 1,48 | 1,64 | 1,81 | 2,14 | 2,46 | 0,01 | 0,05 | 0,08 | 0,09 |
| **400** | 0,81 | 0,92 | 1,03 | 1,16 | 1,30 | 1,43 | 1,58 | 1,73 | 1,91 | 2,13 | 2,34 | 2,77 | 3,19 | 0,02 | 0,07 | 0,11 | 0,12 |
| **500** | 0,97 | 1,11 | 1,24 | 1,41 | 1,57 | 1,73 | 1,92 | 2,11 | 2,33 | 2,59 | 2,86 | 3,38 | 3,91 | 0,02 | 0,09 | 0,14 | 0,15 |
| **600** | 1,13 | 1,29 | 1,45 | 1,65 | 1,84 | 2,03 | 2,25 | 2,48 | 2,73 | 3,05 | 3,36 | 3,98 | 4,60 | 0,03 | 0,11 | 0,16 | 0,18 |
| **700** | 1,28 | 1,46 | 1,65 | 1,87 | 2,10 | 2,32 | 2,58 | 2,83 | 3,13 | 3,49 | 3,85 | 4,57 | 5,27 | 0,03 | 0,13 | 0,19 | 0,21 |
| **720** | 1,31 | 1,50 | 1,69 | 1,92 | 2,15 | 2,38 | 2,64 | 2,90 | 3,20 | 3,58 | 3,95 | 4,68 | 5,41 | 0,03 | 0,13 | 0,20 | 0,22 |
| **800** | 1,42 | 1,63 | 1,84 | 2,10 | 2,35 | 2,60 | 2,89 | 3,18 | 3,51 | 3,92 | 4,33 | 5,14 | 5,93 | 0,03 | 0,14 | 0,22 | 0,24 |
| **900** | 1,56 | 1,80 | 2,03 | 2,31 | 2,59 | 2,87 | 3,20 | 3,52 | 3,89 | 4,34 | 4,80 | 5,69 | 6,58 | 0,04 | 0,16 | 0,24 | 0,27 |
| **960** | 1,64 | 1,89 | 2,14 | 2,44 | 2,74 | 3,03 | 3,38 | 3,72 | 4,11 | 4,59 | 5,07 | 6,02 | 6,96 | 0,04 | 0,17 | 0,26 | 0,29 |
| **1 000** | 1,69 | 1,95 | 2,21 | 2,52 | 2,83 | 3,14 | 3,50 | 3,85 | 4,26 | 4,76 | 5,25 | 6,24 | 7,21 | 0,04 | 0,18 | 0,27 | 0,30 |
| **1 100** | 1,82 | 2,11 | 2,39 | 2,73 | 3,07 | 3,40 | 3,79 | 4,18 | 4,62 | 5,16 | 5,70 | 6,77 | 7,82 | 0,05 | 0,20 | 0,30 | 0,33 |
| **1 200** | 1,95 | 2,26 | 2,57 | 2,93 | 3,30 | 3,66 | 4,08 | 4,49 | 4,97 | 5,56 | 6,14 | 7,29 | 8,42 | 0,05 | 0,21 | 0,33 | 0,36 |
| **1 300** | 2,07 | 2,40 | 2,73 | 3,13 | 3,52 | 3,91 | 4,36 | 4,81 | 5,31 | 5,94 | 6,57 | 7,80 | 9,00 | 0,06 | 0,23 | 0,35 | 0,39 |
| **1 400** | 2,19 | 2,55 | 2,90 | 3,32 | 3,74 | 4,15 | 4,63 | 5,11 | 5,65 | 6,32 | 6,98 | 8,29 | 9,57 | 0,06 | 0,25 | 0,38 | 0,42 |
| **1 440** | 2,24 | 2,60 | 2,96 | 3,39 | 3,82 | 4,25 | 4,74 | 5,23 | 5,78 | 6,47 | 7,15 | 8,48 | 9,79 | 0,06 | 0,26 | 0,39 | 0,43 |
| **1 500** | 2,31 | 2,68 | 3,06 | 3,51 | 3,95 | 4,39 | 4,90 | 5,41 | 5,98 | 6,69 | 7,39 | 8,77 | 10,12 | 0,06 | 0,27 | 0,41 | 0,45 |
| **1 600** | 2,42 | 2,82 | 3,21 | 3,69 | 4,16 | 4,62 | 5,16 | 5,70 | 6,30 | 7,05 | 7,79 | 9,24 | 10,65 | 0,07 | 0,29 | 0,44 | 0,48 |
| **1 700** | 2,53 | 2,95 | 3,37 | 3,86 | 4,36 | 4,85 | 5,42 | 5,98 | 6,62 | 7,40 | 8,18 | 9,70 | 11,17 | 0,07 | 0,30 | 0,46 | 0,51 |
| **1 800** | 2,63 | 3,08 | 3,51 | 4,04 | 4,56 | 5,07 | 5,67 | 6,26 | 6,92 | 7,74 | 8,55 | 10,14 | 11,67 | 0,08 | 0,32 | 0,49 | 0,54 |
| **1 900** | 2,74 | 3,20 | 3,66 | 4,21 | 4,75 | 5,29 | 5,91 | 6,53 | 7,22 | 8,08 | 8,92 | 10,56 | 12,15 | 0,08 | 0,34 | 0,52 | 0,57 |
| **2 000** | 2,83 | 3,32 | 3,80 | 4,37 | 4,94 | 5,50 | 6,15 | 6,79 | 7,51 | 8,40 | 9,28 | 10,98 | 12,61 | 0,09 | 0,36 | 0,54 | 0,60 |
| **2 100** | 2,93 | 3,43 | 3,93 | 4,53 | 5,12 | 5,70 | 6,38 | 7,04 | 7,79 | 8,72 | 9,62 | 11,38 | 13,05 | 0,09 | 0,38 | 0,57 | 0,63 |
| **2 200** | 3,02 | 3,55 | 4,07 | 4,68 | 5,30 | 5,90 | 6,60 | 7,29 | 8,07 | 9,02 | 9,95 | 11,76 | 13,48 | 0,09 | 0,39 | 0,60 | 0,66 |
| **2 300** | 3,11 | 3,65 | 4,19 | 4,83 | 5,47 | 6,10 | 6,82 | 7,53 | 8,33 | 9,32 | 10,28 | 12,13 | 13,88 | 0,10 | 0,41 | 0,63 | 0,69 |
| **2 400** | 3,20 | 3,76 | 4,32 | 4,98 | 5,64 | 6,28 | 7,03 | 7,76 | 8,59 | 9,60 | 10,58 | 12,48 | 14,26 | 0,10 | 0,43 | 0,65 | 0,72 |
| **2 500** | 3,28 | 3,86 | 4,44 | 5,12 | 5,80 | 6,47 | 7,23 | 7,99 | 8,84 | 9,87 | 10,88 | 12,81 | 14,62 | 0,11 | 0,45 | 0,68 | 0,75 |
| **2 600** | 3,36 | 3,96 | 4,55 | 5,26 | 5,95 | 6,64 | 7,43 | 8,21 | 9,08 | 10,14 | 11,17 | 13,13 | 14,96 | 0,11 | 0,47 | 0,71 | 0,78 |
| **2 700** | 3,43 | 4,05 | 4,66 | 5,39 | 6,11 | 6,81 | 7,62 | 8,42 | 9,31 | 10,39 | 11,44 | 13,43 | 15,27 | 0,12 | 0,48 | 0,73 | 0,81 |
| **2 800** | 3,50 | 4,14 | 4,77 | 5,52 | 6,25 | 6,97 | 7,80 | 8,62 | 9,53 | 10,63 | 11,70 | 13,71 | 15,56 | 0,12 | 0,50 | 0,76 | 0,84 |
| **2 880** | 3,56 | 4,21 | 4,85 | 5,61 | 6,36 | 7,10 | 7,94 | 8,77 | 9,69 | 10,81 | 11,89 | 13,92 | 15,77 | 0,12 | 0,52 | 0,78 | 0,87 |
| **2 900** | 3,57 | 4,23 | 4,87 | 5,64 | 6,39 | 7,13 | 7,98 | 8,81 | 9,74 | 10,86 | 11,94 | 13,98 | 15,83 | 0,12 | 0,52 | 0,79 | 0,87 |
| **3 000** | 3,64 | 4,31 | 4,97 | 5,75 | 6,52 | 7,28 | 8,15 | 8,99 | 9,94 | 11,08 | 12,17 | 14,22 | 16,07 | 0,13 | 0,54 | 0,82 | 0,90 |
| **3 100** | 3,70 | 4,39 | 5,06 | 5,87 | 6,65 | 7,43 | 8,31 | 9,17 | 10,13 | 11,28 | 12,39 | 14,44 | 16,28 | 0,13 | 0,55 | 0,84 | 0,93 |
| **3 200** | 3,75 | 4,46 | 5,15 | 5,97 | 6,78 | 7,56 | 8,46 | 9,34 | 10,31 | 11,47 | 12,59 | 14,65 | 16,47 | 0,14 | 0,57 | 0,87 | 0,96 |
| **3 300** | 3,81 | 4,53 | 5,24 | 6,07 | 6,89 | 7,69 | 8,61 | 9,49 | 10,48 | 11,65 | 12,78 | 14,83 | 16,63 | 0,14 | 0,59 | 0,90 | 0,99 |
| **3 400** | 3,86 | 4,59 | 5,32 | 6,17 | 7,00 | 7,82 | 8,74 | 9,64 | 10,63 | 11,82 | 12,95 | 15,00 | 16,76 | 0,15 | 0,61 | 0,92 | 1,02 |
| **3 500** | 3,91 | 4,66 | 5,39 | 6,26 | 7,11 | 7,93 | 8,87 | 9,78 | 10,78 | 11,98 | 13,10 | 15,14 | 16,86 | 0,15 | 0,63 | 0,95 | 1,06 |
| **3 600** | 3,95 | 4,71 | 5,46 | 6,34 | 7,20 | 8,04 | 8,99 | 9,91 | 10,92 | 12,12 | 13,24 | 15,26 | 16,94 | 0,15 | 0,64 | 0,98 | 1,09 |
| **3 700** | 3,99 | 4,77 | 5,53 | 6,42 | 7,29 | 8,14 | 9,10 | 10,03 | 11,04 | 12,24 | 13,37 | 15,36 | 16,98 | 0,16 | 0,66 | 1,01 | 1,12 |
| **3 800** | 4,02 | 4,81 | 5,59 | 6,50 | 7,38 | 8,24 | 9,21 | 10,14 | 11,16 | 12,36 | 13,47 | 15,43 | 16,99 | 0,16 | 0,68 | 1,03 | 1,15 |
| **3 900** | 4,06 | 4,86 | 5,64 | 6,56 | 7,46 | 8,32 | 9,30 | 10,24 | 11,26 | 12,46 | 13,56 | 15,48 | – | 0,17 | 0,70 | 1,06 | 1,18 |
| **4 000** | 4,08 | 4,90 | 5,69 | 6,62 | 7,53 | 8,40 | 9,38 | 10,33 | 11,35 | 12,54 | 13,63 | 15,51 | – | 0,17 | 0,72 | 1,09 | 1,21 |
| **4 100** | 4,11 | 4,93 | 5,74 | 6,68 | 7,59 | 8,47 | 9,46 | 10,40 | 11,42 | 12,61 | 13,69 | 15,51 | – | 0,18 | 0,73 | 1,12 | 1,24 |
| **4 200** | 4,13 | 4,96 | 5,78 | 6,73 | 7,65 | 8,54 | 9,53 | 10,47 | 11,49 | 12,66 | 13,72 | – | – | 0,18 | 0,75 | 1,14 | 1,27 |
| **4 300** | 4,14 | 4,99 | 5,81 | 6,77 | 7,70 | 8,59 | 9,58 | 10,53 | 11,54 | 12,70 | 13,74 | – | – | 0,18 | 0,77 | 1,17 | 1,30 |
| **4 400** | 4,15 | 5,01 | 5,84 | 6,81 | 7,74 | 8,64 | 9,63 | 10,57 | 11,58 | 12,72 | – | – | – | 0,19 | 0,79 | 1,20 | 1,33 |
| **4 500** | 4,16 | 5,02 | 5,86 | 6,84 | 7,78 | 8,67 | 9,67 | 10,60 | 11,60 | 12,73 | – | – | – | 0,19 | 0,81 | 1,22 | 1,36 |
| **4 600** | 4,16 | 5,03 | 5,88 | 6,86 | 7,80 | 8,70 | 9,69 | 10,63 | 11,61 | – | – | – | – | 0,20 | 0,82 | 1,25 | 1,39 |
| **4 700** | – | 5,04 | 5,89 | 6,88 | 7,82 | 8,72 | 9,71 | 10,64 | – | – | – | – | – | 0,20 | 0,84 | 1,28 | 1,42 |
| **4 800** | – | 5,04 | 5,90 | 6,89 | 7,83 | 8,73 | 9,72 | – | – | – | – | – | – | 0,21 | 0,86 | 1,31 | 1,45 |
| **4 900** | – | – | – | 6,89 | 7,84 | 8,73 | – | – | – | – | – | – | – | 0,21 | 0,88 | 1,33 | 1,48 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section SPB/5V

**Table 9h**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 | 224 | 236 | 250 | 280 | 315 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,72 | 0,81 | 0,90 | 0,99 | 1,08 | 1,17 | 1,26 | 1,37 | 1,48 | 1,59 | 1,72 | 1,98 | 2,29 | 0,01 | 0,03 | 0,05 | 0,05 |
| **200** | 1,31 | 1,49 | 1,66 | 1,84 | 2,01 | 2,19 | 2,36 | 2,57 | 2,77 | 2,98 | 3,22 | 3,73 | 4,32 | 0,02 | 0,07 | 0,09 | 0,10 |
| **300** | 1,86 | 2,12 | 2,38 | 2,63 | 2,89 | 3,14 | 3,39 | 3,69 | 3,99 | 4,29 | 4,64 | 5,38 | 6,24 | 0,03 | 0,10 | 0,14 | 0,15 |
| **400** | 2,38 | 2,72 | 3,05 | 3,38 | 3,72 | 4,05 | 4,38 | 4,77 | 5,16 | 5,55 | 6,00 | 6,97 | 8,07 | 0,03 | 0,13 | 0,19 | 0,20 |
| **500** | 2,87 | 3,29 | 3,70 | 4,11 | 4,52 | 4,92 | 5,33 | 5,81 | 6,29 | 6,76 | 7,32 | 8,49 | 9,85 | 0,04 | 0,17 | 0,23 | 0,25 |
| **600** | 3,35 | 3,84 | 4,33 | 4,81 | 5,29 | 5,77 | 6,24 | 6,81 | 7,38 | 7,94 | 8,59 | 9,97 | 11,55 | 0,05 | 0,20 | 0,28 | 0,30 |
| **700** | 3,81 | 4,37 | 4,93 | 5,49 | 6,04 | 6,59 | 7,13 | 7,78 | 8,43 | 9,07 | 9,82 | 11,39 | 13,20 | 0,06 | 0,23 | 0,33 | 0,35 |
| **720** | 3,90 | 4,48 | 5,05 | 5,62 | 6,18 | 6,75 | 7,31 | 7,97 | 8,64 | 9,30 | 10,06 | 11,67 | 13,52 | 0,06 | 0,24 | 0,34 | 0,36 |
| **800** | 4,25 | 4,89 | 5,52 | 6,14 | 6,76 | 7,38 | 7,99 | 8,73 | 9,45 | 10,17 | 11,01 | 12,77 | 14,78 | 0,07 | 0,27 | 0,38 | 0,40 |
| **900** | 4,68 | 5,38 | 6,08 | 6,78 | 7,47 | 8,15 | 8,83 | 9,64 | 10,44 | 11,24 | 12,16 | 14,09 | 16,29 | 0,08 | 0,30 | 0,42 | 0,45 |
| **960** | 4,93 | 5,67 | 6,41 | 7,15 | 7,88 | 8,60 | 9,32 | 10,17 | 11,02 | 11,86 | 12,83 | 14,86 | 17,17 | 0,08 | 0,32 | 0,45 | 0,48 |
| **1 000** | 5,09 | 5,87 | 6,63 | 7,39 | 8,15 | 8,90 | 9,64 | 10,52 | 11,40 | 12,26 | 13,26 | 15,36 | 17,74 | 0,08 | 0,33 | 0,47 | 0,50 |
| **1 100** | 5,49 | 6,33 | 7,17 | 7,99 | 8,81 | 9,62 | 10,42 | 11,38 | 12,32 | 13,26 | 14,33 | 16,58 | 19,12 | 0,09 | 0,37 | 0,52 | 0,55 |
| **1 200** | 5,88 | 6,78 | 7,68 | 8,57 | 9,45 | 10,32 | 11,18 | 12,20 | 13,21 | 14,21 | 15,36 | 17,75 | 20,42 | 0,10 | 0,40 | 0,56 | 0,60 |
| **1 300** | 6,25 | 7,22 | 8,18 | 9,13 | 10,07 | 11,00 | 11,91 | 13,00 | 14,07 | 15,13 | 16,34 | 18,85 | 21,64 | 0,11 | 0,43 | 0,61 | 0,65 |
| **1 400** | 6,61 | 7,64 | 8,66 | 9,67 | 10,66 | 11,65 | 12,62 | 13,76 | 14,89 | 16,00 | 17,27 | 19,90 | 22,79 | 0,12 | 0,47 | 0,66 | 0,70 |
| **1 440** | 6,75 | 7,81 | 8,85 | 9,88 | 10,90 | 11,90 | 12,89 | 14,06 | 15,21 | 16,34 | 17,63 | 20,30 | 23,22 | 0,12 | 0,48 | 0,68 | 0,72 |
| **1 500** | 6,96 | 8,05 | 9,13 | 10,19 | 11,24 | 12,27 | 13,29 | 14,50 | 15,68 | 16,84 | 18,16 | 20,88 | 23,84 | 0,13 | 0,50 | 0,70 | 0,75 |
| **1 600** | 7,29 | 8,44 | 9,58 | 10,69 | 11,79 | 12,87 | 13,94 | 15,19 | 16,42 | 17,63 | 18,99 | 21,79 | 24,81 | 0,14 | 0,53 | 0,75 | 0,80 |
| **1 700** | 7,62 | 8,82 | 10,00 | 11,17 | 12,32 | 13,45 | 14,56 | 15,86 | 17,13 | 18,37 | 19,78 | 22,63 | 25,68 | 0,14 | 0,57 | 0,80 | 0,85 |
| **1 800** | 7,92 | 9,18 | 10,42 | 11,63 | 12,82 | 13,99 | 15,14 | 16,49 | 17,80 | 19,07 | 20,51 | 23,41 | 26,45 | 0,15 | 0,60 | 0,84 | 0,90 |
| **1 900** | 8,22 | 9,52 | 10,81 | 12,07 | 13,30 | 14,51 | 15,70 | 17,08 | 18,42 | 19,72 | 21,18 | 24,10 | 27,12 | 0,16 | 0,63 | 0,89 | 0,95 |
| **2 000** | 8,50 | 9,85 | 11,18 | 12,49 | 13,76 | 15,00 | 16,22 | 17,63 | 19,00 | 20,32 | 21,80 | 24,72 | 27,67 | 0,17 | 0,67 | 0,94 | 1,00 |
| **2 100** | 8,76 | 10,16 | 11,54 | 12,88 | 14,19 | 15,47 | 16,71 | 18,15 | 19,54 | 20,87 | 22,36 | 25,26 | 28,12 | 0,18 | 0,70 | 0,98 | 1,05 |
| **2 200** | 9,01 | 10,46 | 11,87 | 13,25 | 14,59 | 15,90 | 17,16 | 18,62 | 20,03 | 21,37 | 22,85 | 25,71 | 28,44 | 0,19 | 0,73 | 1,03 | 1,10 |
| **2 300** | 9,25 | 10,74 | 12,19 | 13,60 | 14,97 | 16,29 | 17,58 | 19,06 | 20,47 | 21,81 | 23,28 | 26,07 | 28,65 | 0,19 | 0,77 | 1,08 | 1,15 |
| **2 400** | 9,47 | 10,99 | 12,48 | 13,92 | 15,31 | 16,66 | 17,96 | 19,45 | 20,86 | 22,19 | 23,64 | 26,34 | 28,72 | 0,20 | 0,80 | 1,13 | 1,20 |
| **2 500** | 9,67 | 11,23 | 12,75 | 14,22 | 15,63 | 16,99 | 18,30 | 19,79 | 21,20 | 22,51 | 23,93 | 26,51 | 28,67 | 0,21 | 0,83 | 1,17 | 1,25 |
| **2 600** | 9,86 | 11,46 | 13,00 | 14,49 | 15,92 | 17,29 | 18,60 | 20,09 | 21,48 | 22,77 | 24,15 | 26,58 | – | 0,22 | 0,87 | 1,22 | 1,30 |
| **2 700** | 10,03 | 11,66 | 13,23 | 14,73 | 16,18 | 17,55 | 18,86 | 20,34 | 21,71 | 22,97 | 24,29 | – | – | 0,23 | 0,90 | 1,27 | 1,35 |
| **2 800** | 10,19 | 11,84 | 13,43 | 14,95 | 16,40 | 17,78 | 19,08 | 20,54 | 21,88 | 23,10 | 24,36 | – | – | 0,24 | 0,93 | 1,31 | 1,40 |
| **2 880** | 10,30 | 11,97 | 13,57 | 15,10 | 16,56 | 17,93 | 19,23 | 20,67 | 21,98 | 23,16 | – | – | – | 0,24 | 0,96 | 1,35 | 1,44 |
| **2 900** | 10,33 | 12,00 | 13,61 | 15,14 | 16,59 | 17,97 | 19,26 | 20,69 | 22,00 | 23,16 | – | – | – | 0,25 | 0,97 | 1,36 | 1,45 |
| **3 000** | 10,45 | 12,15 | 13,76 | 15,30 | 16,75 | 18,12 | 19,39 | 20,79 | 22,05 | – | – | – | – | 0,25 | 1,00 | 1,41 | 1,50 |
| **3 100** | 10,55 | 12,27 | 13,89 | 15,43 | 16,88 | 18,23 | 19,48 | 20,84 | – | – | – | – | – | 0,26 | 1,03 | 1,45 | 1,55 |
| **3 200** | 10,64 | 12,36 | 14,00 | 15,53 | 16,97 | 18,30 | 19,52 | – | – | – | – | – | – | 0,27 | 1,07 | 1,50 | 1,60 |
| **3 300** | 10,71 | 12,44 | 14,07 | 15,60 | 17,02 | 18,32 | – | – | – | – | – | – | – | 0,28 | 1,10 | 1,55 | 1,65 |
| **3 400** | 10,75 | 12,49 | 14,12 | 15,64 | 17,04 | – | – | – | – | – | – | – | – | 0,29 | 1,13 | 1,59 | 1,70 |
| **3 500** | 10,78 | 12,52 | 14,15 | 15,64 | – | – | – | – | – | – | – | – | – | 0,30 | 1,17 | 1,64 | 1,75 |
| **3 600** | 10,79 | 12,53 | – | – | – | – | – | – | – | – | – | – | – | 0,30 | 1,20 | 1,69 | 1,80 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section SPC

**Table 9i**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | | | | | kW | | | |
| **100** | 2,13 | 2,33 | 2,57 | 2,83 | 3,08 | 3,42 | 3,67 | 4,01 | 4,34 | 4,68 | 5,09 | 5,50 | 5,91 | 6,32 | 6,73 | 7,22 | 7,70 | 0,03 | 0,12 | 0,21 | 0,27 |
| **200** | 3,85 | 4,24 | 4,70 | 5,18 | 5,67 | 6,31 | 6,79 | 7,42 | 8,06 | 8,69 | 9,47 | 10,25 | 11,02 | 11,80 | 12,56 | 13,48 | 14,39 | 0,05 | 0,24 | 0,43 | 0,54 |
| **300** | 5,42 | 5,99 | 6,65 | 7,35 | 8,06 | 8,99 | 9,68 | 10,60 | 11,51 | 12,42 | 13,56 | 14,68 | 15,80 | 16,91 | 18,01 | 19,33 | 20,63 | 0,08 | 0,36 | 0,64 | 0,80 |
| **400** | 6,88 | 7,62 | 8,48 | 9,40 | 10,31 | 11,51 | 12,41 | 13,60 | 14,79 | 15,96 | 17,42 | 18,87 | 20,31 | 21,74 | 23,15 | 24,84 | 26,51 | 0,10 | 0,48 | 0,85 | 1,07 |
| **500** | 8,26 | 9,17 | 10,22 | 11,33 | 12,44 | 13,91 | 15,01 | 16,46 | 17,90 | 19,33 | 21,10 | 22,85 | 24,59 | 26,31 | 28,01 | 30,04 | 32,04 | 0,13 | 0,60 | 1,07 | 1,34 |
| **600** | 9,57 | 10,63 | 11,87 | 13,18 | 14,48 | 16,21 | 17,49 | 19,19 | 20,87 | 22,53 | 24,59 | 26,63 | 28,64 | 30,63 | 32,60 | 34,92 | 37,21 | 0,16 | 0,72 | 1,28 | 1,61 |
| **700** | 10,81 | 12,03 | 13,44 | 14,94 | 16,43 | 18,39 | 19,85 | 21,78 | 23,69 | 25,58 | 27,91 | 30,21 | 32,47 | 34,70 | 36,89 | 39,47 | 42,01 | 0,18 | 0,84 | 1,49 | 1,87 |
| **720** | 11,05 | 12,30 | 13,74 | 15,28 | 16,80 | 18,82 | 20,31 | 22,29 | 24,24 | 26,17 | 28,55 | 30,90 | 33,21 | 35,48 | 37,71 | 40,34 | 42,92 | 0,19 | 0,87 | 1,54 | 1,93 |
| **800** | 11,99 | 13,35 | 14,94 | 16,62 | 18,28 | 20,48 | 22,11 | 24,25 | 26,37 | 28,47 | 31,04 | 33,57 | 36,05 | 38,49 | 40,88 | 43,68 | 46,40 | 0,21 | 0,96 | 1,71 | 2,14 |
| **900** | 13,11 | 14,62 | 16,36 | 18,21 | 20,05 | 22,46 | 24,24 | 26,59 | 28,91 | 31,19 | 33,98 | 36,72 | 39,39 | 42,00 | 44,54 | 47,51 | 50,37 | 0,23 | 1,08 | 1,92 | 2,41 |
| **960** | 13,75 | 15,34 | 17,18 | 19,13 | 21,06 | 23,60 | 25,47 | 27,94 | 30,36 | 32,74 | 35,65 | 38,49 | 41,26 | 43,96 | 46,58 | 49,61 | 52,53 | 0,25 | 1,15 | 2,05 | 2,57 |
| **1 000** | 14,17 | 15,81 | 17,72 | 19,73 | 21,72 | 24,33 | 26,27 | 28,80 | 31,29 | 33,74 | 36,72 | 39,63 | 42,46 | 45,20 | 47,86 | 50,94 | 53,88 | 0,26 | 1,20 | 2,13 | 2,68 |
| **1 100** | 15,17 | 16,95 | 19,00 | 21,16 | 23,30 | 26,10 | 28,17 | 30,87 | 33,52 | 36,11 | 39,25 | 42,30 | 45,25 | 48,08 | 50,81 | 53,93 | 56,88 | 0,29 | 1,32 | 2,35 | 2,94 |
| **1 200** | 16,11 | 18,01 | 20,20 | 22,51 | 24,79 | 27,76 | 29,95 | 32,80 | 35,58 | 38,29 | 41,56 | 44,71 | 47,73 | 50,62 | 53,37 | 56,47 | 59,35 | 0,31 | 1,44 | 2,56 | 3,21 |
| **1 300** | 16,99 | 19,01 | 21,33 | 23,78 | 26,18 | 29,31 | 31,60 | 34,58 | 37,47 | 40,27 | 43,64 | 46,85 | 49,90 | 52,79 | 55,50 | 58,51 | 61,25 | 0,34 | 1,56 | 2,77 | 3,48 |
| **1 400** | 17,82 | 19,95 | 22,39 | 24,95 | 27,47 | 30,73 | 33,11 | 36,20 | 39,18 | 42,05 | 45,47 | 48,70 | 51,74 | 54,57 | 57,18 | 60,03 | 62,53 | 0,36 | 1,68 | 2,99 | 3,75 |
| **1 440** | 18,13 | 20,30 | 22,79 | 25,40 | 27,95 | 31,27 | 33,68 | 36,80 | 39,81 | 42,70 | 46,13 | 49,36 | 52,37 | 55,17 | 57,73 | 60,48 | 62,87 | 0,37 | 1,73 | 3,07 | 3,85 |
| **1 500** | 18,58 | 20,81 | 23,36 | 26,04 | 28,65 | 32,03 | 34,49 | 37,66 | 40,70 | 43,60 | 47,04 | 50,25 | 53,22 | 55,94 | 58,39 | 60,99 | – | 0,39 | 1,80 | 3,20 | 4,01 |
| **1 600** | 19,27 | 21,60 | 24,25 | 27,03 | 29,73 | 33,20 | 35,72 | 38,95 | 42,02 | 44,93 | 48,34 | 51,47 | 54,32 | 56,87 | 59,10 | – | – | 0,42 | 1,92 | 3,41 | 4,28 |
| **1 700** | 19,90 | 22,31 | 25,06 | 27,92 | 30,69 | 34,24 | 36,80 | 40,05 | 43,13 | 46,02 | 49,35 | 52,35 | 55,02 | – | – | – | – | 0,44 | 2,04 | 3,63 | 4,55 |
| **1 800** | 20,47 | 22,95 | 25,78 | 28,71 | 31,53 | 35,14 | 37,72 | 40,98 | 44,02 | 46,85 | 50,05 | 52,88 | – | – | – | – | – | 0,47 | 2,16 | 3,84 | 4,82 |
| **1 900** | 20,96 | 23,51 | 26,40 | 29,39 | 32,26 | 35,89 | 38,47 | 41,70 | 44,69 | 47,42 | 50,45 | – | – | – | – | – | – | 0,49 | 2,28 | 4,05 | 5,09 |
| **2 000** | 21,38 | 23,99 | 26,93 | 29,96 | 32,85 | 36,49 | 39,05 | 42,23 | 45,11 | 47,71 | 50,51 | – | – | – | – | – | – | 0,52 | 2,40 | 4,27 | 5,35 |
| **2 100** | 21,73 | 24,39 | 27,37 | 30,42 | 33,32 | 36,94 | 39,45 | 42,54 | 45,29 | 47,71 | – | – | – | – | – | – | – | 0,55 | 2,53 | 4,48 | 5,62 |
| **2 200** | 22,00 | 24,69 | 27,70 | 30,76 | 33,65 | 37,22 | 39,67 | 42,63 | – | – | – | – | – | – | – | – | – | 0,57 | 2,65 | 4,69 | 5,89 |
| **2 300** | 22,20 | 24,91 | 27,93 | 30,98 | 33,84 | 37,33 | 39,69 | – | – | – | – | – | – | – | – | – | – | 0,60 | 2,77 | 4,91 | 6,16 |
| **2 400** | 22,31 | 25,04 | 28,05 | 31,08 | 33,88 | – | – | – | – | – | – | – | – | – | – | – | – | 0,62 | 2,89 | 5,12 | 6,42 |
| **2 500** | 22,34 | 25,06 | 28,06 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,65 | 3,01 | 5,33 | 6,69 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9j

| Faster shaft speed | Rated power per belt for small pulley pitch diameter | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [in.] [mm] | 12.50 318 | 13.20 335 | 14.00 356 | 15.00 381 | 16.00 406 | 17.00 432 | 18.00 457 | 19.00 483 | 20.00 508 | 21.20 538 | 22.40 569 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | – | kW | | | | | | | | | | | kW | | | |
| **50** | | 2,24 | 2,46 | 2,71 | 3,02 | 3,33 | 3,64 | 3,95 | 4,25 | 4,56 | 4,92 | 5,28 | 0,02 | 0,10 | 0,17 | 0,20 |
| **100** | | 4,17 | 4,58 | 5,06 | 5,66 | 6,25 | 6,84 | 7,42 | 8,01 | 8,59 | 9,28 | 9,98 | 0,04 | 0,20 | 0,34 | 0,41 |
| **150** | | 5,96 | 6,57 | 7,27 | 8,14 | 9,00 | 9,86 | 10,71 | 11,56 | 12,41 | 13,42 | 14,43 | 0,06 | 0,29 | 0,51 | 0,61 |
| **200** | | 7,67 | 8,47 | 9,38 | 10,51 | 11,64 | 12,76 | 13,87 | 14,98 | 16,09 | 17,40 | 18,72 | 0,09 | 0,39 | 0,67 | 0,82 |
| **250** | | 9,32 | 10,30 | 11,42 | 12,81 | 14,19 | 15,56 | 16,93 | 18,29 | 19,64 | 21,25 | 22,85 | 0,11 | 0,49 | 0,84 | 1,02 |
| **300** | | 10,91 | 12,07 | 13,39 | 15,03 | 16,66 | 18,28 | 19,89 | 21,49 | 23,08 | 24,98 | 26,86 | 0,13 | 0,59 | 1,01 | 1,23 |
| **350** | | 12,45 | 13,79 | 15,31 | 17,19 | 19,06 | 20,92 | 22,77 | 24,60 | 26,42 | 28,59 | 30,74 | 0,15 | 0,69 | 1,18 | 1,43 |
| **400** | | 13,95 | 15,46 | 17,17 | 19,29 | 21,40 | 23,49 | 25,56 | 27,62 | 29,66 | 32,08 | 34,48 | 0,17 | 0,78 | 1,35 | 1,64 |
| **435** | | 14,97 | 16,60 | 18,44 | 20,73 | 22,99 | 25,24 | 27,47 | 29,67 | 31,86 | 34,46 | 37,03 | 0,19 | 0,85 | 1,47 | 1,78 |
| **450** | | 15,41 | 17,08 | 18,98 | 21,33 | 23,67 | 25,98 | 28,27 | 30,54 | 32,79 | 35,46 | 38,10 | 0,19 | 0,88 | 1,52 | 1,84 |
| **485** | | 16,40 | 18,19 | 20,22 | 22,73 | 25,22 | 27,68 | 30,12 | 32,54 | 34,93 | 37,76 | 40,56 | 0,21 | 0,95 | 1,63 | 1,99 |
| **500** | | 16,82 | 18,66 | 20,74 | 23,32 | 25,87 | 28,40 | 30,90 | 33,38 | 35,82 | 38,73 | 41,59 | 0,22 | 0,98 | 1,68 | 2,05 |
| **550** | | 18,20 | 20,19 | 22,45 | 25,25 | 28,01 | 30,74 | 33,45 | 36,11 | 38,75 | 41,87 | 44,94 | 0,24 | 1,08 | 1,85 | 2,25 |
| **575** | | 18,87 | 20,94 | 23,29 | 26,19 | 29,06 | 31,89 | 34,69 | 37,45 | 40,17 | 43,39 | 46,55 | 0,25 | 1,13 | 1,94 | 2,36 |
| **600** | | 19,53 | 21,68 | 24,11 | 27,12 | 30,08 | 33,01 | 35,91 | 38,76 | 41,57 | 44,88 | 48,14 | 0,26 | 1,18 | 2,02 | 2,46 |
| **650** | | 20,83 | 23,12 | 25,72 | 28,93 | 32,09 | 35,21 | 38,28 | 41,30 | 44,27 | 47,77 | 51,19 | 0,28 | 1,27 | 2,19 | 2,66 |
| **690** | | 21,84 | 24,25 | 26,98 | 30,34 | 33,65 | 36,91 | 40,11 | 43,26 | 46,35 | 49,97 | 53,52 | 0,30 | 1,35 | 2,32 | 2,83 |
| **700** | | 22,08 | 24,53 | 27,28 | 30,68 | 34,03 | 37,32 | 40,56 | 43,74 | 46,85 | 50,51 | 54,08 | 0,30 | 1,37 | 2,36 | 2,87 |
| **725** | | 22,70 | 25,21 | 28,05 | 31,54 | 34,97 | 38,35 | 41,66 | 44,91 | 48,10 | 51,83 | 55,47 | 0,31 | 1,42 | 2,44 | 2,97 |
| **750** | | 23,30 | 25,88 | 28,79 | 32,38 | 35,90 | 39,36 | 42,75 | 46,07 | 49,31 | 53,12 | 56,81 | 0,32 | 1,47 | 2,53 | 3,07 |
| **800** | | 24,48 | 27,19 | 30,25 | 34,01 | 37,70 | 41,31 | 44,84 | 48,28 | 51,65 | 55,57 | 59,36 | 0,35 | 1,57 | 2,70 | 3,28 |
| **850** | | 25,62 | 28,46 | 31,66 | 35,58 | 39,42 | 43,17 | 46,82 | 50,39 | 53,85 | 57,87 | 61,74 | 0,37 | 1,67 | 2,86 | 3,48 |
| **870** | | 26,06 | 28,95 | 32,20 | 36,19 | 40,09 | 43,89 | 47,59 | 51,19 | 54,69 | 58,74 | 62,63 | 0,38 | 1,71 | 2,93 | 3,57 |
| **900** | | 26,71 | 29,68 | 33,01 | 37,09 | 41,06 | 44,94 | 48,71 | 52,37 | 55,91 | 60,00 | 63,92 | 0,39 | 1,77 | 3,03 | 3,69 |
| **950** | | 27,76 | 30,84 | 34,30 | 38,52 | 42,63 | 46,62 | 50,49 | 54,22 | 57,83 | 61,97 | 65,91 | 0,41 | 1,86 | 3,20 | 3,89 |
| **1 000** | | 28,77 | 31,96 | 35,54 | 39,89 | 44,11 | 48,20 | 52,15 | 55,95 | 59,60 | 63,76 | 67,69 | 0,43 | 1,96 | 3,37 | 4,10 |
| **1 050** | | 29,74 | 33,03 | 36,71 | 41,19 | 45,51 | 49,69 | 53,70 | 57,54 | 61,21 | 65,37 | 69,25 | 0,45 | 2,06 | 3,54 | 4,30 |
| **1 100** | | 30,65 | 34,05 | 37,83 | 42,41 | 46,82 | 51,06 | 55,12 | 58,99 | 62,66 | 66,78 | 70,60 | 0,48 | 2,16 | 3,71 | 4,51 |
| **1 150** | | 31,53 | 35,01 | 38,88 | 43,56 | 48,05 | 52,34 | 56,42 | 60,29 | 63,94 | 68,00 | 71,71 | 0,50 | 2,26 | 3,87 | 4,71 |
| **1 160** | | 31,70 | 35,19 | 39,08 | 43,78 | 48,28 | 52,58 | 56,67 | 60,54 | 64,17 | 68,22 | 71,90 | 0,50 | 2,27 | 3,91 | 4,75 |
| **1 200** | | 32,35 | 35,91 | 39,87 | 44,63 | 49,17 | 53,50 | 57,60 | 61,45 | 65,04 | 69,01 | 72,58 | 0,52 | 2,35 | 4,04 | 4,92 |
| **1 250** | | 33,13 | 36,76 | 40,79 | 45,61 | 50,21 | 54,55 | 58,63 | 62,44 | 65,97 | 69,81 | 73,20 | 0,54 | 2,45 | 4,21 | 5,12 |
| **1 300** | | 33,85 | 37,55 | 41,64 | 46,52 | 51,14 | 55,48 | 59,53 | 63,28 | 66,71 | 70,39 | 73,56 | 0,56 | 2,55 | 4,38 | 5,33 |
| **1 350** | | 34,52 | 38,28 | 42,42 | 47,34 | 51,97 | 56,29 | 60,29 | 63,95 | 67,26 | 70,74 | 73,65 | 0,58 | 2,65 | 4,55 | 5,53 |
| **1 400** | | 35,14 | 38,95 | 43,13 | 48,07 | 52,69 | 56,98 | 60,90 | 64,45 | 67,61 | 70,85 | – | 0,61 | 2,75 | 4,72 | 5,74 |
| **1 425** | | 35,43 | 39,26 | 43,45 | 48,41 | 53,02 | 57,27 | 61,15 | 64,63 | 67,70 | – | – | 0,62 | 2,79 | 4,80 | 5,84 |
| **1 450** | | 35,71 | 39,56 | 43,76 | 48,71 | 53,31 | 57,53 | 61,36 | 64,77 | 67,75 | – | – | 0,63 | 2,84 | 4,89 | 5,94 |
| **1 500** | | 36,21 | 40,10 | 44,32 | 49,26 | 53,82 | 57,96 | 61,66 | 64,91 | – | – | – | 0,65 | 2,94 | 5,05 | 6,15 |
| **1 550** | | 36,67 | 40,57 | 44,80 | 49,72 | 54,21 | 58,24 | 61,80 | – | – | – | – | 0,67 | 3,04 | 5,22 | 6,35 |
| **1 600** | | 37,06 | 40,98 | 45,20 | 50,07 | 54,48 | 58,39 | – | – | – | – | – | 0,69 | 3,14 | 5,39 | 6,56 |
| **1 650** | | 37,39 | 41,31 | 45,52 | 50,33 | 54,63 | 58,39 | – | – | – | – | – | 0,71 | 3,24 | 5,56 | 6,76 |
| **1 700** | | 37,67 | 41,58 | 45,75 | 50,48 | 54,66 | – | – | – | – | – | – | 0,74 | 3,33 | 5,73 | 6,97 |
| **1 750** | | 37,88 | 41,77 | 45,89 | 50,53 | – | – | – | – | – | – | – | 0,76 | 3,43 | 5,90 | 7,17 |
| **1 800** | | 38,02 | 41,89 | 45,95 | – | – | – | – | – | – | – | – | 0,78 | 3,53 | 6,06 | 7,38 |
| **1 850** | | 38,10 | 41,93 | – | – | – | – | – | – | – | – | – | 0,80 | 3,63 | 6,23 | 7,58 |
| **1 900** | | 38,11 | – | – | – | – | – | – | – | – | – | – | 0,82 | 3,73 | 6,40 | 7,79 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section ZX

**Table 9k**

| Faster speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | 1,025 1,00 to 1,05 | 1,15 1,06 to 1,24 | 1,42 1,25 to 1,59 | 2 > 1,59 |
| | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 112 | 125 | 132 | 140 | | | | |
| r/min | kW | | | | | | | | | | | | kW | | | |
| **100** | 0,08 | 0,09 | 0,09 | 0,10 | 0,11 | 0,12 | 0,13 | 0,13 | 0,15 | 0,17 | 0,18 | 0,20 | 0,00 | 0,00 | 0,01 | 0,01 |
| **500** | 0,31 | 0,34 | 0,36 | 0,40 | 0,43 | 0,46 | 0,50 | 0,53 | 0,61 | 0,69 | 0,73 | 0,78 | 0,00 | 0,01 | 0,03 | 0,04 |
| **720** | 0,41 | 0,45 | 0,49 | 0,53 | 0,58 | 0,63 | 0,67 | 0,72 | 0,82 | 0,94 | 1,00 | 1,06 | 0,00 | 0,02 | 0,04 | 0,05 |
| **800** | 0,45 | 0,49 | 0,53 | 0,58 | 0,63 | 0,68 | 0,73 | 0,78 | 0,90 | 1,02 | 1,09 | 1,16 | 0,00 | 0,02 | 0,04 | 0,06 |
| **900** | 0,49 | 0,54 | 0,58 | 0,64 | 0,69 | 0,75 | 0,80 | 0,86 | 0,99 | 1,13 | 1,20 | 1,28 | 0,00 | 0,02 | 0,05 | 0,07 |
| **960** | 0,52 | 0,57 | 0,61 | 0,67 | 0,73 | 0,79 | 0,85 | 0,91 | 1,04 | 1,19 | 1,26 | 1,35 | 0,01 | 0,03 | 0,05 | 0,07 |
| **1 000** | 0,53 | 0,58 | 0,63 | 0,70 | 0,76 | 0,82 | 0,88 | 0,94 | 1,08 | 1,23 | 1,31 | 1,40 | 0,01 | 0,03 | 0,05 | 0,07 |
| **1 100** | 0,58 | 0,63 | 0,68 | 0,75 | 0,82 | 0,88 | 0,95 | 1,01 | 1,16 | 1,33 | 1,41 | 1,51 | 0,01 | 0,03 | 0,06 | 0,08 |
| **1 200** | 0,61 | 0,67 | 0,73 | 0,80 | 0,87 | 0,94 | 1,01 | 1,08 | 1,25 | 1,42 | 1,52 | 1,62 | 0,01 | 0,03 | 0,06 | 0,09 |
| **1 300** | 0,65 | 0,72 | 0,78 | 0,86 | 0,93 | 1,01 | 1,08 | 1,16 | 1,33 | 1,52 | 1,62 | 1,73 | 0,01 | 0,03 | 0,07 | 0,10 |
| **1 400** | 0,69 | 0,76 | 0,82 | 0,91 | 0,99 | 1,07 | 1,15 | 1,23 | 1,41 | 1,61 | 1,72 | 1,84 | 0,01 | 0,04 | 0,07 | 0,10 |
| **1 440** | 0,71 | 0,77 | 0,84 | 0,93 | 1,01 | 1,09 | 1,17 | 1,25 | 1,44 | 1,65 | 1,76 | 1,88 | 0,01 | 0,04 | 0,07 | 0,11 |
| **1 500** | 0,73 | 0,80 | 0,87 | 0,96 | 1,04 | 1,13 | 1,21 | 1,29 | 1,49 | 1,70 | 1,81 | 1,94 | 0,01 | 0,04 | 0,08 | 0,11 |
| **1 600** | 0,76 | 0,84 | 0,91 | 1,00 | 1,10 | 1,18 | 1,27 | 1,36 | 1,57 | 1,79 | 1,91 | 2,04 | 0,01 | 0,04 | 0,08 | 0,12 |
| **1 700** | 0,80 | 0,88 | 0,96 | 1,05 | 1,15 | 1,24 | 1,34 | 1,43 | 1,65 | 1,88 | 2,00 | 2,14 | 0,01 | 0,04 | 0,09 | 0,13 |
| **1 800** | 0,83 | 0,92 | 1,00 | 1,10 | 1,20 | 1,30 | 1,40 | 1,49 | 1,72 | 1,97 | 2,10 | 2,24 | 0,01 | 0,05 | 0,09 | 0,13 |
| **1 900** | 0,87 | 0,95 | 1,04 | 1,15 | 1,25 | 1,35 | 1,46 | 1,56 | 1,80 | 2,05 | 2,19 | 2,34 | 0,01 | 0,05 | 0,10 | 0,14 |
| **2 000** | 0,90 | 0,99 | 1,08 | 1,19 | 1,30 | 1,41 | 1,51 | 1,62 | 1,87 | 2,14 | 2,28 | 2,43 | 0,01 | 0,05 | 0,10 | 0,15 |
| **2 100** | 0,93 | 1,03 | 1,12 | 1,24 | 1,35 | 1,46 | 1,57 | 1,68 | 1,94 | 2,22 | 2,36 | 2,53 | 0,01 | 0,05 | 0,11 | 0,16 |
| **2 200** | 0,97 | 1,06 | 1,16 | 1,28 | 1,40 | 1,51 | 1,63 | 1,74 | 2,01 | 2,30 | 2,45 | 2,62 | 0,01 | 0,06 | 0,11 | 0,16 |
| **2 300** | 1,00 | 1,10 | 1,20 | 1,32 | 1,44 | 1,57 | 1,68 | 1,80 | 2,08 | 2,38 | 2,53 | 2,71 | 0,01 | 0,06 | 0,12 | 0,17 |
| **2 400** | 1,03 | 1,13 | 1,24 | 1,36 | 1,49 | 1,62 | 1,74 | 1,86 | 2,15 | 2,46 | 2,62 | 2,80 | 0,01 | 0,06 | 0,12 | 0,18 |
| **2 500** | 1,06 | 1,17 | 1,27 | 1,41 | 1,54 | 1,67 | 1,79 | 1,92 | 2,22 | 2,53 | 2,70 | 2,89 | 0,01 | 0,07 | 0,13 | 0,19 |
| **2 600** | 1,09 | 1,20 | 1,31 | 1,45 | 1,58 | 1,72 | 1,85 | 1,98 | 2,29 | 2,61 | 2,78 | 2,97 | 0,01 | 0,07 | 0,14 | 0,19 |
| **2 700** | 1,12 | 1,23 | 1,35 | 1,49 | 1,63 | 1,76 | 1,90 | 2,03 | 2,35 | 2,68 | 2,86 | 3,06 | 0,01 | 0,07 | 0,14 | 0,20 |
| **2 800** | 1,15 | 1,26 | 1,38 | 1,53 | 1,67 | 1,81 | 1,95 | 2,09 | 2,42 | 2,76 | 2,94 | 3,14 | 0,01 | 0,07 | 0,15 | 0,21 |
| **2 880** | 1,17 | 1,29 | 1,41 | 1,56 | 1,70 | 1,85 | 1,99 | 2,13 | 2,47 | 2,82 | 3,00 | 3,21 | 0,02 | 0,08 | 0,15 | 0,21 |
| **2 900** | 1,17 | 1,30 | 1,42 | 1,57 | 1,71 | 1,86 | 2,00 | 2,14 | 2,48 | 2,83 | 3,02 | 3,22 | 0,02 | 0,08 | 0,15 | 0,22 |
| **3 000** | 1,20 | 1,33 | 1,45 | 1,60 | 1,76 | 1,91 | 2,05 | 2,20 | 2,54 | 2,90 | 3,09 | 3,30 | 0,02 | 0,08 | 0,16 | 0,22 |
| **3 100** | 1,23 | 1,36 | 1,49 | 1,64 | 1,80 | 1,95 | 2,10 | 2,25 | 2,60 | 2,97 | 3,17 | 3,38 | 0,02 | 0,08 | 0,16 | 0,23 |
| **3 200** | 1,26 | 1,39 | 1,52 | 1,68 | 1,84 | 2,00 | 2,15 | 2,30 | 2,66 | 3,04 | 3,24 | 3,46 | 0,02 | 0,08 | 0,17 | 0,24 |
| **3 300** | 1,28 | 1,42 | 1,55 | 1,72 | 1,88 | 2,04 | 2,20 | 2,36 | 2,72 | 3,11 | 3,31 | 3,54 | 0,02 | 0,09 | 0,17 | 0,25 |
| **3 400** | 1,31 | 1,45 | 1,58 | 1,75 | 1,92 | 2,08 | 2,25 | 2,41 | 2,78 | 3,18 | 3,38 | 3,61 | 0,02 | 0,09 | 0,18 | 0,25 |
| **3 500** | 1,33 | 1,48 | 1,62 | 1,79 | 1,96 | 2,13 | 2,29 | 2,46 | 2,84 | 3,24 | 3,45 | 3,69 | 0,02 | 0,09 | 0,18 | 0,26 |
| **3 600** | 1,36 | 1,50 | 1,65 | 1,82 | 2,00 | 2,17 | 2,34 | 2,51 | 2,90 | 3,31 | 3,52 | 3,76 | 0,02 | 0,09 | 0,19 | 0,27 |
| **3 700** | 1,38 | 1,53 | 1,68 | 1,86 | 2,04 | 2,21 | 2,39 | 2,56 | 2,95 | 3,37 | 3,59 | 3,83 | 0,02 | 0,10 | 0,19 | 0,28 |
| **3 800** | 1,41 | 1,56 | 1,71 | 1,89 | 2,07 | 2,25 | 2,43 | 2,60 | 3,01 | 3,43 | 3,65 | 3,90 | 0,02 | 0,10 | 0,20 | 0,28 |
| **3 900** | 1,43 | 1,59 | 1,74 | 1,93 | 2,11 | 2,29 | 2,47 | 2,65 | 3,06 | 3,49 | 3,72 | 3,97 | 0,02 | 0,10 | 0,20 | 0,29 |
| **4 000** | 1,46 | 1,61 | 1,77 | 1,96 | 2,15 | 2,33 | 2,52 | 2,70 | 3,12 | 3,56 | 3,78 | 4,04 | 0,02 | 0,10 | 0,21 | 0,30 |
| **4 200** | 1,50 | 1,67 | 1,83 | 2,03 | 2,22 | 2,41 | 2,60 | 2,79 | 3,22 | 3,67 | 3,91 | 4,17 | 0,02 | 0,11 | 0,22 | 0,31 |
| **4 400** | 1,55 | 1,72 | 1,88 | 2,09 | 2,29 | 2,49 | 2,68 | 2,88 | 3,32 | 3,79 | 4,03 | 4,29 | 0,02 | 0,12 | 0,23 | 0,33 |
| **4 600** | 1,59 | 1,77 | 1,94 | 2,15 | 2,36 | 2,56 | 2,76 | 2,96 | 3,42 | 3,90 | 4,14 | 4,41 | 0,02 | 0,12 | 0,24 | 0,34 |
| **4 800** | 1,63 | 1,81 | 1,99 | 2,21 | 2,42 | 2,63 | 2,84 | 3,04 | 3,51 | 4,00 | 4,25 | 4,53 | 0,03 | 0,13 | 0,25 | 0,36 |
| **5 000** | 1,67 | 1,86 | 2,04 | 2,27 | 2,49 | 2,70 | 2,92 | 3,12 | 3,61 | 4,10 | 4,35 | 4,64 | 0,03 | 0,13 | 0,26 | 0,37 |
| **5 200** | 1,71 | 1,90 | 2,09 | 2,32 | 2,55 | 2,77 | 2,99 | 3,20 | 3,69 | 4,20 | 4,45 | 4,74 | 0,03 | 0,14 | 0,27 | 0,39 |
| **5 400** | 1,75 | 1,95 | 2,14 | 2,38 | 2,61 | 2,84 | 3,06 | 3,28 | 3,78 | 4,29 | 4,55 | 4,84 | 0,03 | 0,14 | 0,28 | 0,40 |
| **5 600** | 1,79 | 1,99 | 2,19 | 2,43 | 2,67 | 2,90 | 3,12 | 3,35 | 3,86 | 4,38 | 4,64 | 4,93 | 0,03 | 0,15 | 0,29 | 0,42 |
| **5 800** | 1,82 | 2,03 | 2,23 | 2,48 | 2,72 | 2,96 | 3,19 | 3,42 | 3,93 | 4,46 | 4,72 | 5,01 | 0,03 | 0,15 | 0,30 | 0,43 |
| **6 000** | 1,85 | 2,07 | 2,27 | 2,53 | 2,77 | 3,02 | 3,25 | 3,48 | 4,01 | 4,54 | 4,80 | – | 0,03 | 0,16 | 0,31 | 0,45 |
| **6 200** | 1,89 | 2,10 | 2,31 | 2,57 | 2,83 | 3,07 | 3,31 | 3,54 | 4,08 | 4,61 | – | – | 0,03 | 0,16 | 0,32 | 0,46 |
| **6 400** | 1,92 | 2,14 | 2,35 | 2,62 | 2,88 | 3,13 | 3,37 | 3,61 | 4,14 | 4,68 | – | – | 0,03 | 0,17 | 0,33 | 0,48 |
| **6 600** | 1,95 | 2,17 | 2,39 | 2,66 | 2,92 | 3,18 | 3,42 | 3,66 | 4,21 | – | – | – | 0,03 | 0,17 | 0,34 | 0,49 |
| **6 800** | 1,98 | 2,21 | 2,43 | 2,70 | 2,97 | 3,23 | 3,48 | 3,72 | 4,26 | – | – | – | 0,04 | 0,18 | 0,35 | 0,51 |
| **7 000** | 2,00 | 2,24 | 2,46 | 2,74 | 3,01 | 3,27 | 3,53 | 3,77 | 4,32 | – | – | – | 0,04 | 0,18 | 0,36 | 0,52 |
| **7 200** | 2,03 | 2,27 | 2,50 | 2,78 | 3,05 | 3,32 | 3,57 | 3,82 | 4,37 | – | – | – | 0,04 | 0,19 | 0,37 | 0,54 |
| **7 400** | 2,05 | 2,30 | 2,53 | 2,82 | 3,09 | 3,36 | 3,62 | 3,86 | – | – | – | – | 0,04 | 0,19 | 0,39 | 0,55 |
| **7 600** | 2,08 | 2,32 | 2,56 | 2,85 | 3,13 | 3,40 | 3,66 | 3,91 | – | – | – | – | 0,04 | 0,20 | 0,40 | 0,57 |
| **7 800** | 2,10 | 2,35 | 2,59 | 2,88 | 3,16 | 3,44 | 3,70 | 3,95 | – | – | – | – | 0,04 | 0,20 | 0,41 | 0,58 |
| **8 000** | 2,12 | 2,37 | 2,62 | 2,91 | 3,20 | 3,47 | 3,73 | 3,98 | – | – | – | – | 0,04 | 0,21 | 0,42 | 0,60 |
| **8 200** | 2,14 | 2,40 | 2,64 | 2,94 | 3,23 | 3,50 | 3,77 | – | – | – | – | – | 0,04 | 0,21 | 0,43 | 0,61 |
| **8 400** | 2,16 | 2,42 | 2,67 | 2,97 | 3,26 | 3,53 | 3,80 | – | – | – | – | – | 0,04 | 0,22 | 0,44 | 0,62 |
| **8 600** | 2,18 | 2,44 | 2,69 | 2,99 | 3,29 | 3,56 | – | – | – | – | – | – | 0,05 | 0,22 | 0,45 | 0,64 |
| **8 800** | 2,19 | 2,46 | 2,71 | 3,02 | 3,31 | 3,59 | – | – | – | – | – | – | 0,05 | 0,23 | 0,46 | 0,65 |
| **9 000** | 2,21 | 2,47 | 2,73 | 3,04 | 3,33 | 3,61 | – | – | – | – | – | – | 0,05 | 0,24 | 0,47 | 0,67 |
| **9 200** | 2,22 | 2,49 | 2,75 | 3,06 | 3,35 | – | – | – | – | – | – | – | 0,05 | 0,24 | 0,48 | 0,68 |
| **9 400** | 2,23 | 2,50 | 2,76 | 3,08 | 3,37 | – | – | – | – | – | – | – | 0,05 | 0,25 | 0,49 | 0,70 |
| **9 600** | 2,24 | 2,52 | 2,78 | 3,09 | – | – | – | – | – | – | – | – | 0,05 | 0,25 | 0,50 | 0,71 |
| **9 800** | 2,25 | 2,53 | 2,79 | 3,11 | – | – | – | – | – | – | – | – | 0,05 | 0,26 | 0,51 | 0,73 |
| **10 000** | 2,26 | 2,54 | 2,80 | 3,12 | – | – | – | – | – | – | – | – | 0,05 | 0,26 | 0,52 | 0,74 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9l

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 80 | 85 | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | kW | | | |
| **100** | 0,20 | 0,22 | 0,24 | 0,26 | 0,28 | 0,31 | 0,33 | 0,36 | 0,38 | 0,41 | 0,44 | 0,00 | 0,01 | 0,02 | 0,02 |
| **200** | 0,37 | 0,41 | 0,44 | 0,48 | 0,52 | 0,56 | 0,61 | 0,65 | 0,71 | 0,76 | 0,82 | 0,00 | 0,02 | 0,03 | 0,04 |
| **300** | 0,52 | 0,57 | 0,63 | 0,68 | 0,74 | 0,80 | 0,87 | 0,93 | 1,01 | 1,08 | 1,16 | 0,01 | 0,03 | 0,05 | 0,07 |
| **400** | 0,66 | 0,73 | 0,80 | 0,87 | 0,94 | 1,02 | 1,11 | 1,19 | 1,29 | 1,39 | 1,50 | 0,01 | 0,04 | 0,07 | 0,09 |
| **500** | 0,79 | 0,87 | 0,96 | 1,05 | 1,14 | 1,24 | 1,34 | 1,44 | 1,56 | 1,68 | 1,81 | 0,01 | 0,05 | 0,09 | 0,11 |
| **600** | 0,91 | 1,02 | 1,12 | 1,22 | 1,32 | 1,44 | 1,56 | 1,68 | 1,82 | 1,96 | 2,12 | 0,01 | 0,06 | 0,10 | 0,13 |
| **700** | 1,03 | 1,15 | 1,27 | 1,39 | 1,50 | 1,64 | 1,78 | 1,92 | 2,08 | 2,24 | 2,42 | 0,01 | 0,07 | 0,12 | 0,15 |
| **720** | 1,06 | 1,18 | 1,30 | 1,42 | 1,54 | 1,68 | 1,82 | 1,96 | 2,13 | 2,29 | 2,48 | 0,01 | 0,07 | 0,12 | 0,16 |
| **800** | 1,15 | 1,28 | 1,41 | 1,55 | 1,68 | 1,84 | 1,99 | 2,15 | 2,33 | 2,50 | 2,71 | 0,02 | 0,08 | 0,14 | 0,17 |
| **900** | 1,26 | 1,41 | 1,56 | 1,70 | 1,85 | 2,02 | 2,20 | 2,37 | 2,57 | 2,76 | 2,99 | 0,02 | 0,09 | 0,16 | 0,20 |
| **960** | 1,32 | 1,48 | 1,64 | 1,79 | 1,95 | 2,13 | 2,32 | 2,50 | 2,71 | 2,92 | 3,15 | 0,02 | 0,09 | 0,17 | 0,21 |
| **1 000** | 1,37 | 1,53 | 1,69 | 1,85 | 2,01 | 2,20 | 2,39 | 2,58 | 2,80 | 3,02 | 3,26 | 0,02 | 0,10 | 0,17 | 0,22 |
| **1 100** | 1,47 | 1,65 | 1,83 | 2,00 | 2,18 | 2,38 | 2,59 | 2,79 | 3,03 | 3,26 | 3,53 | 0,02 | 0,11 | 0,19 | 0,24 |
| **1 200** | 1,57 | 1,77 | 1,96 | 2,15 | 2,33 | 2,56 | 2,78 | 3,00 | 3,25 | 3,50 | 3,79 | 0,02 | 0,12 | 0,21 | 0,26 |
| **1 300** | 1,67 | 1,88 | 2,08 | 2,29 | 2,49 | 2,73 | 2,96 | 3,20 | 3,47 | 3,74 | 4,05 | 0,03 | 0,13 | 0,22 | 0,28 |
| **1 400** | 1,77 | 1,99 | 2,21 | 2,42 | 2,64 | 2,89 | 3,14 | 3,39 | 3,68 | 3,97 | 4,29 | 0,03 | 0,13 | 0,24 | 0,30 |
| **1 440** | 1,81 | 2,03 | 2,25 | 2,48 | 2,69 | 2,96 | 3,21 | 3,47 | 3,77 | 4,06 | 4,39 | 0,03 | 0,14 | 0,25 | 0,31 |
| **1 500** | 1,86 | 2,10 | 2,33 | 2,56 | 2,78 | 3,05 | 3,32 | 3,58 | 3,89 | 4,19 | 4,54 | 0,03 | 0,14 | 0,26 | 0,33 |
| **1 600** | 1,96 | 2,20 | 2,44 | 2,69 | 2,92 | 3,21 | 3,49 | 3,77 | 4,09 | 4,41 | 4,77 | 0,03 | 0,15 | 0,28 | 0,35 |
| **1 700** | 2,04 | 2,30 | 2,56 | 2,81 | 3,06 | 3,36 | 3,66 | 3,95 | 4,29 | 4,63 | 5,00 | 0,04 | 0,16 | 0,29 | 0,37 |
| **1 800** | 2,13 | 2,40 | 2,67 | 2,94 | 3,20 | 3,51 | 3,82 | 4,13 | 4,48 | 4,83 | 5,23 | 0,04 | 0,17 | 0,31 | 0,39 |
| **1 900** | 2,21 | 2,50 | 2,78 | 3,06 | 3,33 | 3,66 | 3,98 | 4,30 | 4,67 | 5,04 | 5,45 | 0,04 | 0,18 | 0,33 | 0,41 |
| **2 000** | 2,30 | 2,59 | 2,89 | 3,18 | 3,46 | 3,80 | 4,14 | 4,47 | 4,86 | 5,23 | 5,66 | 0,04 | 0,19 | 0,34 | 0,44 |
| **2 100** | 2,38 | 2,68 | 2,99 | 3,29 | 3,59 | 3,94 | 4,29 | 4,64 | 5,03 | 5,42 | 5,86 | 0,04 | 0,20 | 0,36 | 0,46 |
| **2 200** | 2,45 | 2,77 | 3,09 | 3,40 | 3,71 | 4,08 | 4,44 | 4,80 | 5,21 | 5,61 | 6,06 | 0,05 | 0,21 | 0,38 | 0,48 |
| **2 300** | 2,53 | 2,86 | 3,19 | 3,51 | 3,83 | 4,21 | 4,58 | 4,95 | 5,38 | 5,79 | 6,26 | 0,05 | 0,22 | 0,40 | 0,50 |
| **2 400** | 2,60 | 2,94 | 3,28 | 3,62 | 3,95 | 4,34 | 4,73 | 5,10 | 5,54 | 5,97 | 6,44 | 0,05 | 0,23 | 0,41 | 0,52 |
| **2 500** | 2,67 | 3,03 | 3,38 | 3,72 | 4,06 | 4,47 | 4,86 | 5,25 | 5,70 | 6,14 | 6,62 | 0,05 | 0,24 | 0,43 | 0,54 |
| **2 600** | 2,74 | 3,11 | 3,47 | 3,82 | 4,17 | 4,59 | 4,99 | 5,39 | 5,85 | 6,30 | 6,80 | 0,05 | 0,25 | 0,45 | 0,57 |
| **2 700** | 2,81 | 3,18 | 3,55 | 3,92 | 4,28 | 4,70 | 5,12 | 5,53 | 6,00 | 6,46 | 6,96 | 0,06 | 0,26 | 0,47 | 0,59 |
| **2 800** | 2,87 | 3,26 | 3,64 | 4,01 | 4,38 | 4,82 | 5,25 | 5,66 | 6,14 | 6,61 | 7,12 | 0,06 | 0,27 | 0,48 | 0,61 |
| **2 880** | 2,92 | 3,32 | 3,71 | 4,09 | 4,46 | 4,91 | 5,34 | 5,77 | 6,25 | 6,72 | 7,25 | 0,06 | 0,28 | 0,50 | 0,63 |
| **2 900** | 2,94 | 3,33 | 3,72 | 4,11 | 4,48 | 4,93 | 5,37 | 5,79 | 6,28 | 6,75 | 7,28 | 0,06 | 0,28 | 0,50 | 0,63 |
| **3 000** | 3,00 | 3,40 | 3,80 | 4,20 | 4,58 | 5,04 | 5,48 | 5,92 | 6,41 | 6,89 | 7,42 | 0,06 | 0,29 | 0,52 | 0,65 |
| **3 100** | 3,06 | 3,47 | 3,88 | 4,28 | 4,68 | 5,14 | 5,59 | 6,04 | 6,54 | 7,03 | 7,56 | 0,06 | 0,30 | 0,53 | 0,67 |
| **3 200** | 3,11 | 3,54 | 3,95 | 4,36 | 4,77 | 5,24 | 5,70 | 6,15 | 6,66 | 7,15 | 7,69 | 0,07 | 0,31 | 0,55 | 0,70 |
| **3 300** | 3,17 | 3,60 | 4,03 | 4,44 | 4,85 | 5,33 | 5,80 | 6,26 | 6,77 | 7,27 | 7,82 | 0,07 | 0,32 | 0,57 | 0,72 |
| **3 400** | 3,22 | 3,66 | 4,09 | 4,52 | 4,94 | 5,43 | 5,90 | 6,36 | 6,88 | 7,39 | 7,93 | 0,07 | 0,33 | 0,59 | 0,74 |
| **3 500** | 3,27 | 3,72 | 4,16 | 4,59 | 5,02 | 5,51 | 5,99 | 6,46 | 6,99 | 7,49 | 8,04 | 0,07 | 0,34 | 0,60 | 0,76 |
| **3 600** | 3,32 | 3,78 | 4,22 | 4,66 | 5,09 | 5,60 | 6,08 | 6,55 | 7,08 | 7,59 | 8,14 | 0,07 | 0,35 | 0,62 | 0,78 |
| **3 700** | 3,36 | 3,83 | 4,29 | 4,73 | 5,17 | 5,68 | 6,17 | 6,64 | 7,18 | 7,69 | 8,24 | 0,08 | 0,36 | 0,64 | 0,81 |
| **3 800** | 3,40 | 3,88 | 4,34 | 4,80 | 5,24 | 5,75 | 6,25 | 6,73 | 7,26 | 7,77 | 8,32 | 0,08 | 0,37 | 0,65 | 0,83 |
| **3 900** | 3,45 | 3,93 | 4,40 | 4,86 | 5,30 | 5,82 | 6,32 | 6,80 | 7,34 | 7,85 | 8,40 | 0,08 | 0,38 | 0,67 | 0,85 |
| **4 000** | 3,49 | 3,97 | 4,45 | 4,91 | 5,37 | 5,89 | 6,39 | 6,88 | 7,41 | 7,92 | 8,46 | 0,08 | 0,39 | 0,69 | 0,87 |
| **4 100** | 3,52 | 4,02 | 4,50 | 4,97 | 5,42 | 5,95 | 6,46 | 6,94 | 7,48 | 7,99 | 8,52 | 0,09 | 0,40 | 0,71 | 0,89 |
| **4 200** | 3,56 | 4,06 | 4,55 | 5,02 | 5,48 | 6,01 | 6,52 | 7,00 | 7,54 | 8,04 | 8,57 | 0,09 | 0,40 | 0,72 | 0,91 |
| **4 300** | 3,59 | 4,10 | 4,59 | 5,07 | 5,53 | 6,06 | 6,57 | 7,06 | 7,59 | 8,09 | 8,61 | 0,09 | 0,41 | 0,74 | 0,94 |
| **4 400** | 3,62 | 4,13 | 4,63 | 5,11 | 5,58 | 6,11 | 6,62 | 7,11 | 7,64 | 8,13 | 8,65 | 0,09 | 0,42 | 0,76 | 0,96 |
| **4 500** | 3,65 | 4,16 | 4,67 | 5,15 | 5,62 | 6,16 | 6,67 | 7,15 | 7,68 | 8,16 | 8,67 | 0,09 | 0,43 | 0,78 | 0,98 |
| **4 600** | 3,67 | 4,19 | 4,70 | 5,19 | 5,66 | 6,20 | 6,71 | 7,19 | 7,71 | 8,19 | 8,68 | 0,10 | 0,44 | 0,79 | 1,00 |
| **4 700** | 3,69 | 4,22 | 4,73 | 5,22 | 5,69 | 6,23 | 6,74 | 7,22 | 7,73 | 8,21 | 8,68 | 0,10 | 0,45 | 0,81 | 1,02 |
| **4 800** | 3,71 | 4,25 | 4,76 | 5,25 | 5,72 | 6,26 | 6,77 | 7,24 | 7,75 | 8,21 | – | 0,10 | 0,46 | 0,83 | 1,04 |
| **4 900** | 3,73 | 4,27 | 4,78 | 5,28 | 5,75 | 6,29 | 6,79 | 7,26 | 7,76 | – | – | 0,10 | 0,47 | 0,84 | 1,07 |
| **5 000** | 3,75 | 4,29 | 4,80 | 5,30 | 5,77 | 6,31 | 6,81 | 7,27 | 7,77 | – | – | 0,10 | 0,48 | 0,86 | 1,09 |
| **5 100** | 3,76 | 4,30 | 4,82 | 5,32 | 5,79 | 6,32 | 6,82 | 7,28 | – | – | – | 0,11 | 0,49 | 0,88 | 1,11 |
| **5 200** | 3,77 | 4,32 | 4,84 | 5,33 | 5,81 | 6,34 | 6,83 | – | – | – | – | 0,11 | 0,50 | 0,90 | 1,13 |
| **5 300** | 3,78 | 4,33 | 4,85 | 5,34 | 5,81 | 6,34 | – | – | – | – | – | 0,11 | 0,51 | 0,91 | 1,15 |
| **5 400** | 3,78 | 4,33 | 4,86 | 5,35 | 5,82 | 6,34 | – | – | – | – | – | 0,11 | 0,52 | 0,93 | 1,18 |
| **5 500** | 3,79 | 4,34 | 4,86 | 5,36 | 5,82 | – | – | – | – | – | – | 0,11 | 0,53 | 0,95 | 1,20 |
| **5 600** | 3,79 | 4,34 | 4,86 | – | – | – | – | – | – | – | – | 0,12 | 0,54 | 0,96 | 1,22 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section BX

**Table 9m**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 125 | 132 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | kW | | | |
| **100** | 0,52 | 0,57 | 0,62 | 0,68 | 0,74 | 0,80 | 0,86 | 0,93 | 0,99 | 0,00 | 0,02 | 0,04 | 0,05 |
| **200** | 0,96 | 1,04 | 1,14 | 1,26 | 1,37 | 1,49 | 1,61 | 1,72 | 1,84 | 0,01 | 0,04 | 0,07 | 0,09 |
| **300** | 1,36 | 1,49 | 1,62 | 1,79 | 1,96 | 2,13 | 2,30 | 2,47 | 2,63 | 0,01 | 0,06 | 0,11 | 0,14 |
| **400** | 1,75 | 1,90 | 2,08 | 2,30 | 2,53 | 2,74 | 2,96 | 3,18 | 3,40 | 0,02 | 0,08 | 0,15 | 0,18 |
| **500** | 2,11 | 2,30 | 2,52 | 2,79 | 3,06 | 3,33 | 3,60 | 3,87 | 4,13 | 0,02 | 0,10 | 0,18 | 0,23 |
| **600** | 2,46 | 2,69 | 2,95 | 3,27 | 3,59 | 3,90 | 4,22 | 4,53 | 4,84 | 0,03 | 0,12 | 0,22 | 0,28 |
| **700** | 2,80 | 3,06 | 3,36 | 3,73 | 4,09 | 4,45 | 4,81 | 5,17 | 5,52 | 0,03 | 0,14 | 0,26 | 0,32 |
| **720** | 2,87 | 3,14 | 3,44 | 3,82 | 4,19 | 4,56 | 4,93 | 5,30 | 5,66 | 0,03 | 0,15 | 0,26 | 0,33 |
| **800** | 3,13 | 3,43 | 3,76 | 4,17 | 4,58 | 4,99 | 5,39 | 5,79 | 6,19 | 0,04 | 0,16 | 0,29 | 0,37 |
| **900** | 3,45 | 3,78 | 4,15 | 4,61 | 5,06 | 5,51 | 5,96 | 6,40 | 6,84 | 0,04 | 0,18 | 0,33 | 0,41 |
| **960** | 3,64 | 3,98 | 4,37 | 4,86 | 5,34 | 5,82 | 6,29 | 6,75 | 7,22 | 0,04 | 0,20 | 0,35 | 0,44 |
| **1 000** | 3,76 | 4,12 | 4,52 | 5,03 | 5,52 | 6,02 | 6,50 | 6,99 | 7,47 | 0,04 | 0,20 | 0,36 | 0,46 |
| **1 100** | 4,06 | 4,45 | 4,89 | 5,44 | 5,97 | 6,51 | 7,04 | 7,56 | 8,08 | 0,05 | 0,22 | 0,40 | 0,51 |
| **1 200** | 4,36 | 4,78 | 5,25 | 5,83 | 6,41 | 6,99 | 7,55 | 8,11 | 8,66 | 0,05 | 0,25 | 0,44 | 0,55 |
| **1 300** | 4,64 | 5,09 | 5,60 | 6,22 | 6,84 | 7,45 | 8,05 | 8,65 | 9,24 | 0,06 | 0,27 | 0,47 | 0,60 |
| **1 400** | 4,92 | 5,40 | 5,93 | 6,60 | 7,25 | 7,90 | 8,54 | 9,17 | 9,79 | 0,06 | 0,29 | 0,51 | 0,64 |
| **1 440** | 5,03 | 5,52 | 6,07 | 6,74 | 7,41 | 8,08 | 8,73 | 9,37 | 10,00 | 0,06 | 0,29 | 0,53 | 0,66 |
| **1 500** | 5,19 | 5,69 | 6,26 | 6,96 | 7,65 | 8,33 | 9,01 | 9,67 | 10,32 | 0,07 | 0,31 | 0,55 | 0,69 |
| **1 600** | 5,45 | 5,98 | 6,58 | 7,32 | 8,04 | 8,76 | 9,46 | 10,15 | 10,83 | 0,07 | 0,33 | 0,58 | 0,74 |
| **1 700** | 5,71 | 6,26 | 6,89 | 7,66 | 8,42 | 9,16 | 9,90 | 10,61 | 11,32 | 0,07 | 0,35 | 0,62 | 0,78 |
| **1 800** | 5,95 | 6,53 | 7,19 | 7,99 | 8,78 | 9,56 | 10,31 | 11,06 | 11,79 | 0,08 | 0,37 | 0,66 | 0,83 |
| **1 900** | 6,19 | 6,80 | 7,48 | 8,31 | 9,13 | 9,93 | 10,72 | 11,48 | 12,23 | 0,08 | 0,39 | 0,69 | 0,87 |
| **2 000** | 6,42 | 7,05 | 7,75 | 8,62 | 9,47 | 10,29 | 11,10 | 11,89 | 12,65 | 0,09 | 0,41 | 0,73 | 0,92 |
| **2 100** | 6,64 | 7,29 | 8,02 | 8,92 | 9,79 | 10,64 | 11,47 | 12,27 | 13,05 | 0,09 | 0,43 | 0,77 | 0,97 |
| **2 200** | 6,86 | 7,53 | 8,28 | 9,20 | 10,10 | 10,97 | 11,82 | 12,64 | 13,43 | 0,10 | 0,45 | 0,80 | 1,01 |
| **2 300** | 7,06 | 7,76 | 8,53 | 9,48 | 10,39 | 11,28 | 12,15 | 12,98 | 13,78 | 0,10 | 0,47 | 0,84 | 1,06 |
| **2 400** | 7,26 | 7,97 | 8,77 | 9,74 | 10,67 | 11,58 | 12,46 | 13,30 | 14,11 | 0,11 | 0,49 | 0,88 | 1,10 |
| **2 500** | 7,45 | 8,18 | 8,99 | 9,98 | 10,94 | 11,86 | 12,74 | 13,59 | 14,41 | 0,11 | 0,51 | 0,91 | 1,15 |
| **2 600** | 7,63 | 8,38 | 9,21 | 10,22 | 11,19 | 12,12 | 13,01 | 13,87 | 14,68 | 0,11 | 0,53 | 0,95 | 1,20 |
| **2 700** | 7,81 | 8,57 | 9,41 | 10,44 | 11,42 | 12,36 | 13,26 | 14,11 | 14,92 | 0,12 | 0,55 | 0,98 | 1,24 |
| **2 800** | 7,97 | 8,75 | 9,61 | 10,64 | 11,64 | 12,59 | 13,49 | 14,34 | 15,14 | 0,12 | 0,57 | 1,02 | 1,29 |
| **2 880** | 8,09 | 8,88 | 9,75 | 10,80 | 11,80 | 12,75 | 13,65 | 14,50 | 15,29 | 0,13 | 0,59 | 1,05 | 1,32 |
| **2 900** | 8,12 | 8,91 | 9,79 | 10,84 | 11,84 | 12,79 | 13,69 | 14,54 | 15,32 | 0,13 | 0,59 | 1,06 | 1,33 |
| **3 000** | 8,27 | 9,07 | 9,96 | 11,02 | 12,02 | 12,98 | 13,87 | 14,71 | 15,48 | 0,13 | 0,61 | 1,09 | 1,38 |
| **3 100** | 8,41 | 9,22 | 10,11 | 11,18 | 12,19 | 13,14 | 14,03 | 14,85 | 15,60 | 0,14 | 0,63 | 1,13 | 1,43 |
| **3 200** | 8,53 | 9,35 | 10,26 | 11,33 | 12,34 | 13,29 | 14,16 | 14,97 | 15,70 | 0,14 | 0,65 | 1,17 | 1,47 |
| **3 300** | 8,65 | 9,48 | 10,39 | 11,46 | 12,47 | 13,41 | 14,27 | 15,05 | 15,76 | 0,15 | 0,67 | 1,20 | 1,52 |
| **3 400** | 8,76 | 9,59 | 10,50 | 11,58 | 12,58 | 13,51 | 14,35 | 15,11 | 15,78 | 0,15 | 0,69 | 1,24 | 1,56 |
| **3 500** | 8,85 | 9,69 | 10,61 | 11,68 | 12,68 | 13,59 | 14,41 | 15,14 | – | 0,15 | 0,71 | 1,28 | 1,61 |
| **3 600** | 8,94 | 9,78 | 10,70 | 11,77 | 12,75 | 13,64 | 14,44 | – | – | 0,16 | 0,74 | 1,31 | 1,66 |
| **3 700** | 9,02 | 9,86 | 10,78 | 11,84 | 12,81 | 13,68 | 14,45 | – | – | 0,16 | 0,76 | 1,35 | 1,70 |
| **3 800** | 9,08 | 9,93 | 10,84 | 11,89 | 12,84 | 13,69 | – | – | – | 0,17 | 0,78 | 1,39 | 1,75 |
| **3 900** | 9,14 | 9,98 | 10,89 | 11,93 | 12,86 | – | – | – | – | 0,17 | 0,80 | 1,42 | 1,79 |
| **4 000** | 9,18 | 10,02 | 10,92 | 11,94 | – | – | – | – | – | 0,18 | 0,82 | 1,46 | 1,84 |
| **4 100** | 9,21 | 10,05 | 10,94 | – | – | – | – | – | – | 0,18 | 0,84 | 1,49 | 1,89 |
| **4 200** | 9,24 | 10,07 | 10,94 | – | – | – | – | – | – | 0,18 | 0,86 | 1,53 | 1,93 |
| **4 300** | 9,25 | 10,07 | – | – | – | – | – | – | – | 0,19 | 0,88 | 1,57 | 1,98 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9n

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | kW | | | |
| **100** | 1,68 | 1,79 | 1,93 | 2,08 | 2,23 | 2,42 | 2,57 | 2,76 | 2,95 | 3,14 | 3,38 | 0,01 | 0,05 | 0,09 | 0,13 |
| **200** | 3,09 | 3,31 | 3,57 | 3,85 | 4,13 | 4,49 | 4,77 | 5,13 | 5,49 | 5,85 | 6,30 | 0,02 | 0,10 | 0,19 | 0,26 |
| **300** | 4,40 | 4,72 | 5,10 | 5,50 | 5,90 | 6,43 | 6,82 | 7,34 | 7,86 | 8,37 | 9,01 | 0,03 | 0,15 | 0,28 | 0,39 |
| **400** | 5,63 | 6,05 | 6,54 | 7,06 | 7,57 | 8,26 | 8,76 | 9,43 | 10,10 | 10,76 | 11,58 | 0,04 | 0,20 | 0,38 | 0,51 |
| **500** | 6,82 | 7,33 | 7,92 | 8,55 | 9,17 | 10,00 | 10,62 | 11,43 | 12,23 | 13,03 | 14,02 | 0,05 | 0,24 | 0,47 | 0,64 |
| **600** | 7,95 | 8,55 | 9,24 | 9,98 | 10,71 | 11,67 | 12,39 | 13,33 | 14,26 | 15,19 | 16,32 | 0,06 | 0,29 | 0,56 | 0,77 |
| **700** | 9,03 | 9,72 | 10,51 | 11,34 | 12,17 | 13,26 | 14,07 | 15,14 | 16,19 | 17,23 | 18,50 | 0,07 | 0,34 | 0,66 | 0,90 |
| **720** | 9,25 | 9,95 | 10,75 | 11,61 | 12,46 | 13,57 | 14,40 | 15,49 | 16,56 | 17,62 | 18,92 | 0,07 | 0,35 | 0,68 | 0,93 |
| **800** | 10,08 | 10,84 | 11,72 | 12,65 | 13,57 | 14,79 | 15,68 | 16,86 | 18,01 | 19,15 | 20,54 | 0,08 | 0,39 | 0,75 | 1,03 |
| **900** | 11,08 | 11,92 | 12,88 | 13,90 | 14,91 | 16,23 | 17,21 | 18,48 | 19,73 | 20,95 | 22,44 | 0,09 | 0,44 | 0,85 | 1,16 |
| **960** | 11,66 | 12,54 | 13,56 | 14,63 | 15,68 | 17,06 | 18,08 | 19,41 | 20,71 | 21,98 | 23,51 | 0,10 | 0,47 | 0,90 | 1,23 |
| **1 000** | 12,04 | 12,95 | 13,99 | 15,10 | 16,18 | 17,60 | 18,65 | 20,01 | 21,34 | 22,63 | 24,20 | 0,10 | 0,49 | 0,94 | 1,29 |
| **1 100** | 12,96 | 13,93 | 15,05 | 16,23 | 17,39 | 18,90 | 20,00 | 21,43 | 22,83 | 24,17 | 25,79 | 0,11 | 0,54 | 1,03 | 1,41 |
| **1 200** | 13,83 | 14,87 | 16,06 | 17,30 | 18,52 | 20,11 | 21,26 | 22,75 | 24,19 | 25,57 | 27,22 | 0,12 | 0,59 | 1,13 | 1,54 |
| **1 300** | 14,66 | 15,75 | 17,00 | 18,31 | 19,58 | 21,23 | 22,42 | 23,96 | 25,43 | 26,83 | 28,47 | 0,13 | 0,64 | 1,22 | 1,67 |
| **1 400** | 15,45 | 16,59 | 17,89 | 19,25 | 20,57 | 22,27 | 23,49 | 25,05 | 26,53 | 27,92 | 29,54 | 0,14 | 0,69 | 1,32 | 1,80 |
| **1 440** | 15,75 | 16,91 | 18,23 | 19,61 | 20,94 | 22,65 | 23,88 | 25,45 | 26,93 | 28,31 | 29,91 | 0,15 | 0,71 | 1,35 | 1,85 |
| **1 500** | 16,19 | 17,38 | 18,73 | 20,13 | 21,48 | 23,21 | 24,45 | 26,01 | 27,48 | 28,85 | 30,41 | 0,15 | 0,73 | 1,41 | 1,93 |
| **1 600** | 16,88 | 18,11 | 19,50 | 20,93 | 22,31 | 24,05 | 25,29 | 26,85 | 28,28 | 29,60 | 31,07 | 0,16 | 0,78 | 1,51 | 2,06 |
| **1 700** | 17,53 | 18,78 | 20,20 | 21,66 | 23,05 | 24,80 | 26,02 | 27,55 | 28,93 | 30,17 | 31,50 | 0,17 | 0,83 | 1,60 | 2,19 |
| **1 800** | 18,12 | 19,40 | 20,84 | 22,31 | 23,70 | 25,43 | 26,64 | 28,10 | 29,41 | 30,54 | 31,71 | 0,18 | 0,88 | 1,69 | 2,32 |
| **1 900** | 18,66 | 19,96 | 21,41 | 22,88 | 24,26 | 25,96 | 27,12 | 28,51 | 29,71 | 30,71 | – | 0,19 | 0,93 | 1,79 | 2,44 |
| **2 000** | 19,15 | 20,46 | 21,91 | 23,37 | 24,73 | 26,37 | 27,47 | 28,76 | 29,83 | – | – | 0,20 | 0,98 | 1,88 | 2,57 |
| **2 100** | 19,58 | 20,89 | 22,34 | 23,77 | 25,09 | 26,66 | 27,69 | 28,85 | – | – | – | 0,21 | 1,03 | 1,98 | 2,70 |
| **2 200** | 19,96 | 21,26 | 22,69 | 24,09 | 25,36 | 26,83 | 27,76 | – | – | – | – | 0,22 | 1,08 | 2,07 | 2,83 |
| **2 300** | 20,27 | 21,56 | 22,96 | 24,31 | 25,51 | 26,87 | – | – | – | – | – | 0,23 | 1,13 | 2,16 | 2,96 |
| **2 400** | 20,53 | 21,79 | 23,14 | 24,43 | 25,55 | – | – | – | – | – | – | 0,24 | 1,18 | 2,26 | 3,09 |
| **2 500** | 20,72 | 21,95 | 23,24 | 24,46 | – | – | – | – | – | – | – | 0,25 | 1,22 | 2,35 | 3,22 |
| **2 600** | 20,84 | 22,03 | 23,26 | – | – | – | – | – | – | – | – | 0,26 | 1,27 | 2,45 | 3,34 |
| **2 700** | 20,90 | 22,03 | – | – | – | – | – | – | – | – | – | 0,27 | 1,32 | 2,54 | 3,47 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section XPZ/3VX

**Table 9o**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 112 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | kW | | | |
| **100** | 0,14 | 0,15 | 0,17 | 0,18 | 0,20 | 0,22 | 0,23 | 0,25 | 0,29 | 0,34 | 0,36 | 0,39 | – | 0,01 | 0,01 | 0,01 |
| **500** | 0,58 | 0,64 | 0,70 | 0,78 | 0,86 | 0,94 | 1,02 | 1,09 | 1,28 | 1,47 | 1,58 | 1,70 | 0,01 | 0,03 | 0,05 | 0,06 |
| **720** | 0,80 | 0,88 | 0,97 | 1,08 | 1,19 | 1,30 | 1,41 | 1,52 | 1,78 | 2,05 | 2,20 | 2,37 | 0,01 | 0,04 | 0,07 | 0,09 |
| **800** | 0,87 | 0,97 | 1,07 | 1,19 | 1,31 | 1,43 | 1,55 | 1,67 | 1,95 | 2,26 | 2,42 | 2,61 | 0,01 | 0,05 | 0,08 | 0,10 |
| **900** | 0,97 | 1,07 | 1,18 | 1,32 | 1,45 | 1,59 | 1,72 | 1,85 | 2,17 | 2,51 | 2,69 | 2,90 | 0,01 | 0,05 | 0,09 | 0,11 |
| **960** | 1,02 | 1,14 | 1,25 | 1,40 | 1,54 | 1,68 | 1,82 | 1,96 | 2,30 | 2,66 | 2,85 | 3,07 | 0,01 | 0,06 | 0,10 | 0,11 |
| **1 000** | 1,06 | 1,18 | 1,30 | 1,45 | 1,60 | 1,74 | 1,89 | 2,04 | 2,39 | 2,76 | 2,96 | 3,19 | 0,01 | 0,06 | 0,10 | 0,12 |
| **1 100** | 1,15 | 1,28 | 1,41 | 1,57 | 1,74 | 1,90 | 2,06 | 2,22 | 2,60 | 3,01 | 3,22 | 3,47 | 0,01 | 0,07 | 0,11 | 0,13 |
| **1 200** | 1,24 | 1,38 | 1,52 | 1,70 | 1,87 | 2,05 | 2,22 | 2,39 | 2,81 | 3,25 | 3,48 | 3,75 | 0,02 | 0,07 | 0,12 | 0,14 |
| **1 300** | 1,33 | 1,48 | 1,63 | 1,82 | 2,01 | 2,20 | 2,38 | 2,57 | 3,01 | 3,49 | 3,74 | 4,03 | 0,02 | 0,08 | 0,13 | 0,15 |
| **1 400** | 1,41 | 1,58 | 1,74 | 1,94 | 2,14 | 2,35 | 2,55 | 2,74 | 3,22 | 3,72 | 3,99 | 4,30 | 0,02 | 0,08 | 0,14 | 0,17 |
| **1 440** | 1,45 | 1,62 | 1,78 | 1,99 | 2,20 | 2,40 | 2,61 | 2,81 | 3,30 | 3,82 | 4,09 | 4,41 | 0,02 | 0,09 | 0,14 | 0,17 |
| **1 500** | 1,50 | 1,67 | 1,85 | 2,06 | 2,28 | 2,49 | 2,70 | 2,92 | 3,42 | 3,96 | 4,24 | 4,57 | 0,02 | 0,09 | 0,15 | 0,18 |
| **1 600** | 1,58 | 1,77 | 1,95 | 2,18 | 2,41 | 2,64 | 2,86 | 3,09 | 3,62 | 4,19 | 4,49 | 4,83 | 0,02 | 0,10 | 0,16 | 0,19 |
| **1 700** | 1,67 | 1,86 | 2,06 | 2,30 | 2,54 | 2,78 | 3,02 | 3,25 | 3,81 | 4,41 | 4,73 | 5,10 | 0,02 | 0,10 | 0,17 | 0,20 |
| **1 800** | 1,75 | 1,95 | 2,16 | 2,42 | 2,67 | 2,92 | 3,17 | 3,42 | 4,01 | 4,64 | 4,97 | 5,35 | 0,02 | 0,11 | 0,18 | 0,21 |
| **1 900** | 1,83 | 2,05 | 2,26 | 2,53 | 2,80 | 3,06 | 3,32 | 3,58 | 4,20 | 4,86 | 5,21 | 5,61 | 0,03 | 0,11 | 0,19 | 0,23 |
| **2 000** | 1,91 | 2,14 | 2,36 | 2,64 | 2,92 | 3,20 | 3,47 | 3,74 | 4,39 | 5,08 | 5,45 | 5,86 | 0,03 | 0,12 | 0,20 | 0,24 |
| **2 100** | 1,99 | 2,23 | 2,46 | 2,75 | 3,05 | 3,33 | 3,62 | 3,90 | 4,58 | 5,30 | 5,68 | 6,11 | 0,03 | 0,13 | 0,21 | 0,25 |
| **2 200** | 2,07 | 2,32 | 2,56 | 2,87 | 3,17 | 3,47 | 3,77 | 4,06 | 4,76 | 5,51 | 5,90 | 6,35 | 0,03 | 0,13 | 0,22 | 0,26 |
| **2 300** | 2,15 | 2,40 | 2,66 | 2,98 | 3,29 | 3,60 | 3,91 | 4,22 | 4,95 | 5,72 | 6,13 | 6,59 | 0,03 | 0,14 | 0,23 | 0,27 |
| **2 400** | 2,22 | 2,49 | 2,75 | 3,08 | 3,41 | 3,73 | 4,05 | 4,37 | 5,13 | 5,92 | 6,35 | 6,82 | 0,03 | 0,14 | 0,24 | 0,29 |
| **2 500** | 2,30 | 2,58 | 2,85 | 3,19 | 3,53 | 3,86 | 4,20 | 4,53 | 5,30 | 6,13 | 6,56 | 7,05 | 0,03 | 0,15 | 0,25 | 0,30 |
| **2 600** | 2,37 | 2,66 | 2,94 | 3,30 | 3,65 | 3,99 | 4,34 | 4,68 | 5,48 | 6,33 | 6,78 | 7,28 | 0,03 | 0,16 | 0,26 | 0,31 |
| **2 700** | 2,45 | 2,74 | 3,04 | 3,40 | 3,76 | 4,12 | 4,47 | 4,82 | 5,65 | 6,53 | 6,99 | 7,50 | 0,04 | 0,16 | 0,27 | 0,32 |
| **2 800** | 2,52 | 2,83 | 3,13 | 3,50 | 3,88 | 4,25 | 4,61 | 4,97 | 5,82 | 6,72 | 7,19 | 7,72 | 0,04 | 0,17 | 0,28 | 0,33 |
| **2 880** | 2,58 | 2,89 | 3,20 | 3,59 | 3,97 | 4,34 | 4,72 | 5,09 | 5,96 | 6,87 | 7,35 | 7,89 | 0,04 | 0,17 | 0,29 | 0,34 |
| **2 900** | 2,59 | 2,91 | 3,22 | 3,61 | 3,99 | 4,37 | 4,74 | 5,12 | 5,99 | 6,91 | 7,39 | 7,94 | 0,04 | 0,17 | 0,29 | 0,34 |
| **3 000** | 2,66 | 2,99 | 3,31 | 3,71 | 4,10 | 4,49 | 4,88 | 5,26 | 6,16 | 7,10 | 7,59 | 8,15 | 0,04 | 0,18 | 0,30 | 0,36 |
| **3 100** | 2,73 | 3,07 | 3,40 | 3,81 | 4,21 | 4,61 | 5,01 | 5,40 | 6,32 | 7,28 | 7,79 | 8,35 | 0,04 | 0,18 | 0,31 | 0,37 |
| **3 200** | 2,80 | 3,15 | 3,49 | 3,91 | 4,32 | 4,73 | 5,14 | 5,54 | 6,48 | 7,46 | 7,98 | 8,55 | 0,04 | 0,19 | 0,32 | 0,38 |
| **3 300** | 2,87 | 3,22 | 3,57 | 4,00 | 4,43 | 4,85 | 5,26 | 5,67 | 6,64 | 7,64 | 8,16 | 8,75 | 0,04 | 0,20 | 0,33 | 0,39 |
| **3 400** | 2,94 | 3,30 | 3,66 | 4,10 | 4,54 | 4,97 | 5,39 | 5,81 | 6,79 | 7,81 | 8,35 | 8,94 | 0,05 | 0,20 | 0,34 | 0,40 |
| **3 500** | 3,01 | 3,38 | 3,74 | 4,19 | 4,64 | 5,08 | 5,51 | 5,94 | 6,94 | 7,98 | 8,53 | 9,13 | 0,05 | 0,21 | 0,35 | 0,42 |
| **3 600** | 3,07 | 3,45 | 3,83 | 4,29 | 4,74 | 5,19 | 5,64 | 6,07 | 7,09 | 8,15 | 8,70 | 9,31 | 0,05 | 0,21 | 0,36 | 0,43 |
| **3 700** | 3,14 | 3,53 | 3,91 | 4,38 | 4,85 | 5,30 | 5,76 | 6,20 | 7,24 | 8,31 | 8,87 | 9,48 | 0,05 | 0,22 | 0,37 | 0,44 |
| **3 800** | 3,20 | 3,60 | 3,99 | 4,47 | 4,95 | 5,41 | 5,87 | 6,33 | 7,38 | 8,47 | 9,03 | 9,66 | 0,05 | 0,23 | 0,38 | 0,45 |
| **3 900** | 3,27 | 3,67 | 4,07 | 4,56 | 5,05 | 5,52 | 5,99 | 6,45 | 7,52 | 8,63 | 9,20 | 9,82 | 0,05 | 0,23 | 0,39 | 0,46 |
| **4 000** | 3,33 | 3,74 | 4,15 | 4,65 | 5,14 | 5,63 | 6,10 | 6,57 | 7,66 | 8,78 | 9,35 | 9,98 | 0,05 | 0,24 | 0,40 | 0,48 |
| **4 200** | 3,45 | 3,88 | 4,30 | 4,82 | 5,33 | 5,84 | 6,33 | 6,81 | 7,93 | 9,07 | 9,65 | 10,29 | 0,06 | 0,25 | 0,42 | 0,50 |
| **4 400** | 3,57 | 4,02 | 4,45 | 4,99 | 5,52 | 6,04 | 6,54 | 7,04 | 8,18 | 9,34 | 9,93 | 10,57 | 0,06 | 0,26 | 0,44 | 0,52 |
| **4 600** | 3,69 | 4,15 | 4,60 | 5,15 | 5,70 | 6,23 | 6,75 | 7,26 | 8,42 | 9,60 | 10,19 | 10,83 | 0,06 | 0,27 | 0,46 | 0,55 |
| **4 800** | 3,80 | 4,27 | 4,74 | 5,31 | 5,87 | 6,41 | 6,95 | 7,46 | 8,65 | 9,84 | 10,43 | 11,07 | 0,06 | 0,29 | 0,48 | 0,57 |
| **5 000** | 3,91 | 4,40 | 4,88 | 5,46 | 6,03 | 6,59 | 7,13 | 7,66 | 8,87 | 10,06 | 10,65 | 11,28 | 0,07 | 0,30 | 0,50 | 0,59 |
| **5 200** | 4,01 | 4,51 | 5,01 | 5,61 | 6,19 | 6,76 | 7,31 | 7,85 | 9,07 | 10,26 | 10,85 | 11,46 | 0,07 | 0,31 | 0,52 | 0,62 |
| **5 400** | 4,12 | 4,63 | 5,13 | 5,75 | 6,34 | 6,92 | 7,49 | 8,03 | 9,25 | 10,44 | 11,02 | 11,62 | 0,07 | 0,32 | 0,54 | 0,64 |
| **5 600** | 4,21 | 4,74 | 5,25 | 5,88 | 6,49 | 7,08 | 7,65 | 8,20 | 9,43 | 10,61 | 11,17 | 11,75 | 0,07 | 0,33 | 0,56 | 0,67 |
| **5 800** | 4,31 | 4,84 | 5,37 | 6,01 | 6,63 | 7,22 | 7,80 | 8,35 | 9,58 | 10,75 | 11,30 | 11,86 | 0,08 | 0,35 | 0,58 | 0,69 |
| **6 000** | 4,40 | 4,94 | 5,48 | 6,13 | 6,75 | 7,36 | 7,94 | 8,50 | 9,72 | 10,87 | 11,40 | – | 0,08 | 0,36 | 0,60 | 0,71 |
| **6 200** | 4,48 | 5,04 | 5,58 | 6,24 | 6,88 | 7,49 | 8,07 | 8,63 | 9,85 | 10,97 | – | – | 0,08 | 0,37 | 0,62 | 0,74 |
| **6 400** | 4,56 | 5,13 | 5,68 | 6,35 | 6,99 | 7,61 | 8,19 | 8,75 | 9,96 | 11,04 | – | – | 0,09 | 0,38 | 0,64 | 0,76 |
| **6 600** | 4,64 | 5,21 | 5,78 | 6,45 | 7,10 | 7,72 | 8,30 | 8,86 | 10,05 | – | – | – | 0,09 | 0,39 | 0,66 | 0,78 |
| **6 800** | 4,71 | 5,30 | 5,86 | 6,55 | 7,20 | 7,82 | 8,40 | 8,95 | 10,12 | – | – | – | 0,09 | 0,41 | 0,68 | 0,81 |
| **7 000** | 4,78 | 5,37 | 5,94 | 6,63 | 7,29 | 7,91 | 8,49 | 9,04 | 10,18 | – | – | – | 0,09 | 0,42 | 0,70 | 0,83 |
| **7 200** | 4,84 | 5,44 | 6,02 | 6,71 | 7,37 | 7,99 | 8,57 | 9,10 | 10,22 | – | – | – | 0,10 | 0,43 | 0,72 | 0,86 |
| **7 400** | 4,90 | 5,51 | 6,09 | 6,79 | 7,44 | 8,06 | 8,63 | 9,16 | – | – | – | – | 0,10 | 0,44 | 0,74 | 0,88 |
| **7 600** | 4,95 | 5,57 | 6,15 | 6,85 | 7,51 | 8,12 | 8,68 | 9,20 | – | – | – | – | 0,10 | 0,45 | 0,76 | 0,90 |
| **7 800** | 5,00 | 5,62 | 6,21 | 6,91 | 7,56 | 8,17 | 8,72 | 9,23 | – | – | – | – | 0,10 | 0,47 | 0,78 | 0,93 |
| **8 000** | 5,05 | 5,67 | 6,26 | 6,96 | 7,61 | 8,21 | 8,75 | 9,24 | – | – | – | – | 0,11 | 0,48 | 0,80 | 0,95 |
| **8 200** | 5,09 | 5,71 | 6,30 | 7,00 | 7,64 | 8,23 | 8,77 | – | – | – | – | – | 0,11 | 0,49 | 0,82 | 0,97 |
| **8 400** | 5,12 | 5,75 | 6,34 | 7,03 | 7,67 | 8,25 | 8,77 | – | – | – | – | – | 0,11 | 0,50 | 0,84 | 1,00 |
| **8 600** | 5,15 | 5,78 | 6,37 | 7,06 | 7,69 | 8,26 | – | – | – | – | – | – | 0,12 | 0,51 | 0,86 | 1,02 |
| **8 800** | 5,18 | 5,80 | 6,39 | 7,08 | 7,70 | – | – | – | – | – | – | – | 0,12 | 0,52 | 0,88 | 1,05 |
| **9 000** | 5,19 | 5,82 | 6,41 | 7,08 | – | – | – | – | – | – | – | – | 0,12 | 0,54 | 0,90 | 1,07 |
| **9 200** | 5,21 | 5,83 | 6,42 | – | – | – | – | – | – | – | – | – | 0,12 | 0,55 | 0,92 | 1,09 |
| **9 400** | 5,22 | 5,84 | 6,42 | – | – | – | – | – | – | – | – | – | 0,13 | 0,56 | 0,94 | 1,12 |
| **9 600** | 5,22 | – | – | – | – | – | – | – | – | – | – | – | 0,13 | 0,57 | 0,96 | 1,14 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9p

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 180 | 200 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,34 | 0,37 | 0,40 | 0,44 | 0,47 | 0,51 | 0,55 | 0,59 | 0,64 | 0,70 | 0,76 | 0,88 | 1,00 | 0,00 | 0,01 | 0,02 | 0,03 |
| **200** | 0,63 | 0,69 | 0,75 | 0,82 | 0,89 | 0,96 | 1,04 | 1,12 | 1,21 | 1,33 | 1,44 | 1,67 | 1,89 | 0,01 | 0,03 | 0,05 | 0,06 |
| **300** | 0,90 | 0,99 | 1,08 | 1,18 | 1,28 | 1,38 | 1,50 | 1,62 | 1,76 | 1,92 | 2,09 | 2,42 | 2,75 | 0,01 | 0,04 | 0,07 | 0,09 |
| **400** | 1,17 | 1,28 | 1,39 | 1,53 | 1,66 | 1,79 | 1,95 | 2,10 | 2,28 | 2,50 | 2,72 | 3,15 | 3,58 | 0,01 | 0,06 | 0,10 | 0,12 |
| **500** | 1,42 | 1,56 | 1,70 | 1,86 | 2,03 | 2,19 | 2,38 | 2,57 | 2,79 | 3,06 | 3,33 | 3,86 | 4,39 | 0,02 | 0,07 | 0,12 | 0,15 |
| **600** | 1,66 | 1,83 | 1,99 | 2,19 | 2,38 | 2,58 | 2,81 | 3,03 | 3,29 | 3,61 | 3,92 | 4,55 | 5,18 | 0,02 | 0,09 | 0,15 | 0,18 |
| **700** | 1,90 | 2,09 | 2,28 | 2,51 | 2,73 | 2,96 | 3,22 | 3,48 | 3,78 | 4,14 | 4,51 | 5,23 | 5,95 | 0,02 | 0,10 | 0,17 | 0,20 |
| **720** | 1,95 | 2,15 | 2,34 | 2,57 | 2,80 | 3,03 | 3,30 | 3,57 | 3,87 | 4,25 | 4,62 | 5,37 | 6,11 | 0,02 | 0,11 | 0,18 | 0,21 |
| **800** | 2,14 | 2,35 | 2,57 | 2,82 | 3,08 | 3,33 | 3,63 | 3,92 | 4,25 | 4,67 | 5,08 | 5,90 | 6,71 | 0,03 | 0,12 | 0,20 | 0,23 |
| **900** | 2,37 | 2,61 | 2,84 | 3,13 | 3,41 | 3,70 | 4,03 | 4,35 | 4,73 | 5,19 | 5,65 | 6,56 | 7,46 | 0,03 | 0,13 | 0,22 | 0,26 |
| **960** | 2,50 | 2,76 | 3,01 | 3,31 | 3,61 | 3,91 | 4,26 | 4,61 | 5,00 | 5,49 | 5,98 | 6,95 | 7,90 | 0,03 | 0,14 | 0,24 | 0,28 |
| **1 000** | 2,59 | 2,86 | 3,12 | 3,43 | 3,75 | 4,06 | 4,42 | 4,78 | 5,19 | 5,70 | 6,20 | 7,20 | 8,19 | 0,03 | 0,15 | 0,25 | 0,29 |
| **1 100** | 2,81 | 3,10 | 3,39 | 3,73 | 4,07 | 4,41 | 4,81 | 5,20 | 5,64 | 6,20 | 6,75 | 7,84 | 8,91 | 0,04 | 0,16 | 0,27 | 0,32 |
| **1 200** | 3,03 | 3,34 | 3,65 | 4,02 | 4,39 | 4,76 | 5,19 | 5,61 | 6,09 | 6,69 | 7,29 | 8,46 | 9,62 | 0,04 | 0,18 | 0,30 | 0,35 |
| **1 300** | 3,24 | 3,58 | 3,91 | 4,31 | 4,71 | 5,10 | 5,56 | 6,02 | 6,54 | 7,18 | 7,81 | 9,07 | 10,31 | 0,04 | 0,19 | 0,32 | 0,38 |
| **1 400** | 3,45 | 3,81 | 4,17 | 4,60 | 5,02 | 5,44 | 5,93 | 6,42 | 6,97 | 7,66 | 8,33 | 9,67 | 10,99 | 0,05 | 0,21 | 0,35 | 0,41 |
| **1 440** | 3,53 | 3,90 | 4,27 | 4,71 | 5,14 | 5,58 | 6,08 | 6,58 | 7,14 | 7,84 | 8,54 | 9,91 | 11,26 | 0,05 | 0,21 | 0,36 | 0,42 |
| **1 500** | 3,66 | 4,04 | 4,42 | 4,88 | 5,33 | 5,78 | 6,30 | 6,81 | 7,40 | 8,13 | 8,85 | 10,26 | 11,65 | 0,05 | 0,22 | 0,37 | 0,44 |
| **1 600** | 3,86 | 4,27 | 4,67 | 5,15 | 5,63 | 6,10 | 6,65 | 7,20 | 7,82 | 8,59 | 9,35 | 10,84 | 12,31 | 0,05 | 0,24 | 0,40 | 0,47 |
| **1 700** | 4,06 | 4,49 | 4,92 | 5,42 | 5,93 | 6,43 | 7,01 | 7,58 | 8,24 | 9,04 | 9,84 | 11,41 | 12,94 | 0,06 | 0,25 | 0,42 | 0,50 |
| **1 800** | 4,26 | 4,71 | 5,16 | 5,69 | 6,22 | 6,75 | 7,36 | 7,96 | 8,64 | 9,49 | 10,33 | 11,97 | 13,57 | 0,06 | 0,27 | 0,45 | 0,53 |
| **1 900** | 4,45 | 4,93 | 5,39 | 5,95 | 6,51 | 7,06 | 7,70 | 8,33 | 9,05 | 9,93 | 10,80 | 12,51 | 14,18 | 0,06 | 0,28 | 0,47 | 0,56 |
| **2 000** | 4,64 | 5,14 | 5,63 | 6,21 | 6,79 | 7,37 | 8,04 | 8,70 | 9,44 | 10,36 | 11,27 | 13,05 | 14,77 | 0,07 | 0,30 | 0,49 | 0,58 |
| **2 100** | 4,83 | 5,35 | 5,86 | 6,47 | 7,07 | 7,67 | 8,37 | 9,05 | 9,83 | 10,79 | 11,73 | 13,57 | 15,35 | 0,07 | 0,31 | 0,52 | 0,61 |
| **2 200** | 5,02 | 5,56 | 6,09 | 6,72 | 7,35 | 7,97 | 8,69 | 9,41 | 10,21 | 11,20 | 12,18 | 14,08 | 15,91 | 0,07 | 0,33 | 0,54 | 0,64 |
| **2 300** | 5,20 | 5,76 | 6,31 | 6,97 | 7,62 | 8,27 | 9,01 | 9,75 | 10,59 | 11,61 | 12,62 | 14,58 | 16,46 | 0,08 | 0,34 | 0,57 | 0,67 |
| **2 400** | 5,38 | 5,96 | 6,53 | 7,21 | 7,89 | 8,56 | 9,33 | 10,09 | 10,95 | 12,01 | 13,05 | 15,06 | 16,99 | 0,08 | 0,36 | 0,59 | 0,70 |
| **2 500** | 5,56 | 6,16 | 6,75 | 7,45 | 8,15 | 8,84 | 9,64 | 10,43 | 11,31 | 12,40 | 13,47 | 15,53 | 17,50 | 0,08 | 0,37 | 0,62 | 0,73 |
| **2 600** | 5,73 | 6,35 | 6,96 | 7,69 | 8,41 | 9,12 | 9,94 | 10,75 | 11,67 | 12,78 | 13,88 | 15,99 | 17,99 | 0,09 | 0,39 | 0,64 | 0,76 |
| **2 700** | 5,90 | 6,54 | 7,17 | 7,92 | 8,66 | 9,40 | 10,24 | 11,07 | 12,01 | 13,16 | 14,28 | 16,43 | 18,47 | 0,09 | 0,40 | 0,67 | 0,79 |
| **2 800** | 6,07 | 6,73 | 7,38 | 8,15 | 8,91 | 9,67 | 10,53 | 11,39 | 12,35 | 13,52 | 14,67 | 16,86 | 18,93 | 0,09 | 0,42 | 0,69 | 0,82 |
| **2 880** | 6,20 | 6,88 | 7,54 | 8,33 | 9,11 | 9,88 | 10,76 | 11,64 | 12,61 | 13,81 | 14,97 | 17,20 | 19,28 | 0,10 | 0,43 | 0,71 | 0,84 |
| **2 900** | 6,24 | 6,91 | 7,58 | 8,37 | 9,16 | 9,93 | 10,82 | 11,70 | 12,68 | 13,88 | 15,05 | 17,28 | 19,37 | 0,10 | 0,43 | 0,72 | 0,85 |
| **3 000** | 6,40 | 7,09 | 7,78 | 8,59 | 9,40 | 10,19 | 11,10 | 12,00 | 13,00 | 14,22 | 15,41 | 17,68 | 19,78 | 0,10 | 0,45 | 0,74 | 0,88 |
| **3 100** | 6,56 | 7,27 | 7,98 | 8,81 | 9,63 | 10,45 | 11,38 | 12,29 | 13,31 | 14,56 | 15,77 | 18,06 | 20,18 | 0,10 | 0,46 | 0,77 | 0,91 |
| **3 200** | 6,71 | 7,45 | 8,17 | 9,02 | 9,86 | 10,69 | 11,64 | 12,58 | 13,62 | 14,89 | 16,11 | 18,43 | 20,56 | 0,11 | 0,48 | 0,79 | 0,94 |
| **3 300** | 6,87 | 7,62 | 8,35 | 9,23 | 10,09 | 10,94 | 11,91 | 12,86 | 13,92 | 15,20 | 16,45 | 18,78 | 20,92 | 0,11 | 0,49 | 0,82 | 0,96 |
| **3 400** | 7,02 | 7,78 | 8,54 | 9,43 | 10,31 | 11,17 | 12,16 | 13,13 | 14,21 | 15,51 | 16,77 | 19,12 | 21,25 | 0,11 | 0,51 | 0,84 | 0,99 |
| **3 500** | 7,17 | 7,95 | 8,72 | 9,63 | 10,53 | 11,41 | 12,41 | 13,39 | 14,49 | 15,81 | 17,08 | 19,44 | 21,57 | 0,12 | 0,52 | 0,87 | 1,02 |
| **3 600** | 7,31 | 8,11 | 8,90 | 9,82 | 10,74 | 11,63 | 12,65 | 13,65 | 14,76 | 16,09 | 17,37 | 19,74 | 21,86 | 0,12 | 0,54 | 0,89 | 1,05 |
| **3 700** | 7,45 | 8,27 | 9,07 | 10,01 | 10,94 | 11,85 | 12,89 | 13,90 | 15,02 | 16,37 | 17,65 | 20,03 | 22,12 | 0,12 | 0,55 | 0,92 | 1,08 |
| **3 800** | 7,59 | 8,42 | 9,24 | 10,20 | 11,14 | 12,07 | 13,12 | 14,14 | 15,27 | 16,63 | 17,92 | 20,30 | 22,37 | 0,13 | 0,57 | 0,94 | 1,11 |
| **3 900** | 7,72 | 8,57 | 9,40 | 10,38 | 11,34 | 12,27 | 13,34 | 14,37 | 15,52 | 16,89 | 18,18 | 20,55 | 22,59 | 0,13 | 0,58 | 0,97 | 1,14 |
| **4 000** | 7,86 | 8,72 | 9,56 | 10,55 | 11,53 | 12,48 | 13,55 | 14,60 | 15,75 | 17,13 | 18,43 | 20,78 | – | 0,13 | 0,60 | 0,99 | 1,17 |
| **4 100** | 7,98 | 8,86 | 9,72 | 10,73 | 11,71 | 12,67 | 13,76 | 14,82 | 15,98 | 17,36 | 18,65 | 20,99 | – | 0,14 | 0,61 | 1,01 | 1,20 |
| **4 200** | 8,11 | 9,00 | 9,87 | 10,89 | 11,89 | 12,86 | 13,96 | 15,02 | 16,19 | 17,57 | 18,87 | 21,18 | – | 0,14 | 0,63 | 1,04 | 1,23 |
| **4 300** | 8,23 | 9,13 | 10,02 | 11,05 | 12,06 | 13,04 | 14,15 | 15,22 | 16,40 | 17,78 | 19,07 | 21,36 | – | 0,14 | 0,64 | 1,06 | 1,26 |
| **4 400** | 8,35 | 9,26 | 10,16 | 11,21 | 12,23 | 13,22 | 14,34 | 15,41 | 16,59 | 17,97 | 19,26 | 21,51 | – | 0,15 | 0,66 | 1,09 | 1,29 |
| **4 500** | 8,47 | 9,39 | 10,30 | 11,36 | 12,39 | 13,39 | 14,52 | 15,60 | 16,77 | 18,15 | 19,43 | – | – | 0,15 | 0,67 | 1,11 | 1,32 |
| **4 600** | 8,58 | 9,51 | 10,43 | 11,50 | 12,54 | 13,55 | 14,68 | 15,77 | 16,95 | 18,32 | 19,59 | – | – | 0,15 | 0,69 | 1,14 | 1,34 |
| **4 700** | 8,68 | 9,63 | 10,56 | 11,64 | 12,69 | 13,71 | 14,85 | 15,93 | 17,11 | 18,48 | 19,73 | – | – | 0,16 | 0,70 | 1,16 | 1,37 |
| **4 800** | 8,79 | 9,75 | 10,69 | 11,78 | 12,84 | 13,86 | 15,00 | 16,09 | 17,26 | 18,62 | 19,85 | – | – | 0,16 | 0,72 | 1,19 | 1,40 |
| **4 900** | 8,89 | 9,86 | 10,81 | 11,91 | 12,97 | 14,00 | 15,14 | 16,23 | 17,40 | 18,75 | 19,96 | – | – | 0,16 | 0,73 | 1,21 | 1,43 |
| **5 000** | 8,99 | 9,97 | 10,92 | 12,03 | 13,10 | 14,13 | 15,28 | 16,37 | 17,53 | 18,86 | – | – | – | 0,17 | 0,74 | 1,24 | 1,46 |
| **5 100** | 9,08 | 10,07 | 11,03 | 12,15 | 13,23 | 14,26 | 15,41 | 16,49 | 17,65 | 18,96 | – | – | – | 0,17 | 0,76 | 1,26 | 1,49 |
| **5 200** | 9,17 | 10,17 | 11,14 | 12,26 | 13,35 | 14,38 | 15,53 | 16,61 | 17,75 | 19,05 | – | – | – | 0,17 | 0,77 | 1,29 | 1,52 |
| **5 300** | 9,26 | 10,26 | 11,24 | 12,37 | 13,46 | 14,49 | 15,64 | 16,71 | 17,85 | – | – | – | – | 0,18 | 0,79 | 1,31 | 1,55 |
| **5 400** | 9,34 | 10,35 | 11,34 | 12,47 | 13,56 | 14,60 | 15,74 | 16,81 | 17,93 | – | – | – | – | 0,18 | 0,80 | 1,34 | 1,58 |
| **5 500** | 9,42 | 10,44 | 11,43 | 12,57 | 13,66 | 14,69 | 15,83 | 16,89 | 18,00 | – | – | – | – | 0,18 | 0,82 | 1,36 | 1,61 |
| **5 600** | 9,49 | 10,52 | 11,51 | 12,66 | 13,75 | 14,78 | 15,91 | 16,96 | 18,06 | – | – | – | – | 0,19 | 0,83 | 1,39 | 1,64 |
| **5 700** | 9,56 | 10,60 | 11,59 | 12,74 | 13,83 | 14,86 | 15,99 | 17,03 | – | – | – | – | – | 0,19 | 0,85 | 1,41 | 1,67 |
| **5 800** | 9,63 | 10,67 | 11,67 | 12,82 | 13,91 | 14,94 | 16,05 | 17,08 | – | – | – | – | – | 0,19 | 0,86 | 1,44 | 1,70 |
| **5 900** | 9,69 | 10,74 | 11,74 | 12,89 | 13,98 | 15,00 | 16,11 | 17,12 | – | – | – | – | – | 0,20 | 0,88 | 1,46 | 1,72 |
| **6 000** | 9,75 | 10,80 | 11,81 | 12,96 | 14,04 | 15,06 | 16,15 | – | – | – | – | – | – | 0,20 | 0,89 | 1,48 | 1,75 |
| **6 100** | 9,80 | 10,86 | 11,86 | 13,01 | 14,10 | 15,11 | 16,19 | – | – | – | – | – | – | 0,20 | 0,91 | 1,51 | 1,78 |
| **6 200** | 9,85 | 10,91 | 11,92 | 13,07 | 14,14 | 15,14 | 16,21 | – | – | – | – | – | – | 0,21 | 0,92 | 1,53 | 1,81 |
| **6 300** | 9,90 | 10,96 | 11,97 | 13,11 | 14,18 | 15,17 | – | – | – | – | – | – | – | 0,21 | 0,94 | 1,56 | 1,84 |
| **6 400** | 9,94 | 11,00 | 12,01 | 13,15 | 14,21 | 15,20 | – | – | – | – | – | – | – | 0,21 | 0,95 | 1,58 | 1,87 |
| **6 500** | 9,98 | 11,04 | 12,05 | 13,18 | 14,24 | 15,21 | – | – | – | – | – | – | – | 0,22 | 0,97 | 1,61 | 1,90 |
| **6 600** | 10,01 | 11,07 | 12,08 | 13,21 | 14,26 | 15,21 | – | – | – | – | – | – | – | 0,22 | 0,98 | 1,63 | 1,93 |
| **6 700** | 10,04 | 11,10 | 12,10 | 13,23 | 14,26 | – | – | – | – | – | – | – | – | 0,23 | 1,00 | 1,66 | 1,96 |
| **6 800** | 10,06 | 11,12 | 12,12 | 13,24 | 14,26 | – | – | – | – | – | – | – | – | 0,23 | 1,01 | 1,68 | 1,99 |
| **6 900** | 10,08 | 11,14 | 12,14 | 13,24 | – | – | – | – | – | – | – | – | – | 0,23 | 1,03 | 1,71 | 2,02 |
| **7 000** | 10,10 | 11,15 | 12,14 | – | – | – | – | – | – | – | – | – | – | 0,24 | 1,04 | 1,73 | 2,05 |
| **7 100** | 10,11 | 11,16 | 12,14 | – | – | – | – | – | – | – | – | – | – | 0,24 | 1,06 | 1,76 | 2,08 |
| **7 200** | 10,11 | 11,16 | – | – | – | – | – | – | – | – | – | – | – | 0,24 | 1,07 | 1,78 | 2,11 |
| **7 300** | 10,11 | – | – | – | – | – | – | – | – | – | – | – | – | 0,25 | 1,09 | 1,81 | 2,13 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section XPB/5VX

**Table 9q**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 | 224 | 236 | 250 | 280 | 315 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,90 | 0,99 | 1,08 | 1,18 | 1,27 | 1,36 | 1,46 | 1,57 | 1,68 | 1,79 | 1,92 | 2,19 | 2,51 | 0,01 | 0,03 | 0,04 | 0,05 |
| **200** | 1,68 | 1,86 | 2,04 | 2,22 | 2,40 | 2,58 | 2,75 | 2,97 | 3,18 | 3,39 | 3,63 | 4,16 | 4,76 | 0,01 | 0,06 | 0,08 | 0,09 |
| **300** | 2,42 | 2,68 | 2,95 | 3,21 | 3,47 | 3,73 | 3,99 | 4,30 | 4,61 | 4,91 | 5,27 | 6,03 | 6,92 | 0,02 | 0,08 | 0,13 | 0,14 |
| **400** | 3,13 | 3,47 | 3,82 | 4,16 | 4,50 | 4,84 | 5,18 | 5,59 | 5,99 | 6,39 | 6,86 | 7,85 | 9,00 | 0,03 | 0,11 | 0,17 | 0,19 |
| **500** | 3,82 | 4,24 | 4,67 | 5,09 | 5,51 | 5,93 | 6,34 | 6,84 | 7,33 | 7,83 | 8,40 | 9,62 | 11,03 | 0,03 | 0,14 | 0,21 | 0,23 |
| **600** | 4,49 | 4,99 | 5,49 | 5,99 | 6,49 | 6,98 | 7,48 | 8,06 | 8,65 | 9,23 | 9,91 | 11,34 | 13,00 | 0,04 | 0,17 | 0,25 | 0,28 |
| **700** | 5,14 | 5,72 | 6,30 | 6,88 | 7,45 | 8,02 | 8,58 | 9,26 | 9,93 | 10,60 | 11,38 | 13,03 | 14,92 | 0,05 | 0,20 | 0,30 | 0,33 |
| **720** | 5,27 | 5,87 | 6,46 | 7,05 | 7,64 | 8,22 | 8,80 | 9,50 | 10,19 | 10,87 | 11,67 | 13,36 | 15,30 | 0,05 | 0,20 | 0,30 | 0,34 |
| **800** | 5,78 | 6,44 | 7,09 | 7,74 | 8,39 | 9,03 | 9,67 | 10,43 | 11,19 | 11,94 | 12,82 | 14,67 | 16,80 | 0,05 | 0,22 | 0,34 | 0,37 |
| **900** | 6,41 | 7,14 | 7,87 | 8,59 | 9,31 | 10,02 | 10,73 | 11,58 | 12,42 | 13,26 | 14,23 | 16,28 | 18,62 | 0,06 | 0,25 | 0,38 | 0,42 |
| **960** | 6,78 | 7,56 | 8,33 | 9,09 | 9,85 | 10,61 | 11,36 | 12,26 | 13,15 | 14,03 | 15,06 | 17,22 | 19,69 | 0,06 | 0,27 | 0,41 | 0,45 |
| **1 000** | 7,03 | 7,83 | 8,63 | 9,43 | 10,21 | 11,00 | 11,78 | 12,71 | 13,63 | 14,54 | 15,60 | 17,84 | 20,40 | 0,07 | 0,28 | 0,42 | 0,47 |
| **1 100** | 7,64 | 8,51 | 9,38 | 10,24 | 11,10 | 11,95 | 12,80 | 13,81 | 14,81 | 15,80 | 16,95 | 19,37 | 22,12 | 0,07 | 0,31 | 0,47 | 0,51 |
| **1 200** | 8,23 | 9,18 | 10,11 | 11,05 | 11,97 | 12,89 | 13,80 | 14,89 | 15,96 | 17,03 | 18,26 | 20,85 | 23,79 | 0,08 | 0,34 | 0,51 | 0,56 |
| **1 300** | 8,81 | 9,83 | 10,84 | 11,84 | 12,83 | 13,81 | 14,79 | 15,95 | 17,10 | 18,23 | 19,54 | 22,30 | 25,41 | 0,09 | 0,36 | 0,55 | 0,61 |
| **1 400** | 9,39 | 10,47 | 11,54 | 12,61 | 13,66 | 14,71 | 15,75 | 16,98 | 18,20 | 19,40 | 20,79 | 23,70 | 26,97 | 0,09 | 0,39 | 0,59 | 0,66 |
| **1 440** | 9,61 | 10,72 | 11,82 | 12,91 | 14,00 | 15,07 | 16,13 | 17,39 | 18,63 | 19,86 | 21,28 | 24,25 | 27,58 | 0,10 | 0,40 | 0,61 | 0,67 |
| **1 500** | 9,95 | 11,10 | 12,24 | 13,37 | 14,49 | 15,59 | 16,69 | 17,99 | 19,28 | 20,55 | 22,01 | 25,05 | 28,47 | 0,10 | 0,42 | 0,63 | 0,70 |
| **1 600** | 10,50 | 11,72 | 12,92 | 14,11 | 15,29 | 16,46 | 17,61 | 18,98 | 20,33 | 21,66 | 23,19 | 26,36 | 29,91 | 0,11 | 0,45 | 0,68 | 0,75 |
| **1 700** | 11,04 | 12,32 | 13,59 | 14,84 | 16,08 | 17,30 | 18,51 | 19,94 | 21,35 | 22,74 | 24,33 | 27,63 | 31,28 | 0,11 | 0,47 | 0,72 | 0,80 |
| **1 800** | 11,58 | 12,92 | 14,24 | 15,55 | 16,85 | 18,13 | 19,39 | 20,88 | 22,35 | 23,79 | 25,43 | 28,84 | 32,58 | 0,12 | 0,50 | 0,76 | 0,84 |
| **1 900** | 12,10 | 13,50 | 14,88 | 16,25 | 17,60 | 18,93 | 20,24 | 21,79 | 23,31 | 24,80 | 26,50 | 30,00 | 33,82 | 0,13 | 0,53 | 0,80 | 0,89 |
| **2 000** | 12,61 | 14,07 | 15,51 | 16,93 | 18,33 | 19,71 | 21,07 | 22,68 | 24,24 | 25,78 | 27,53 | 31,11 | 34,98 | 0,13 | 0,56 | 0,85 | 0,94 |
| **2 100** | 13,11 | 14,63 | 16,12 | 17,60 | 19,05 | 20,48 | 21,88 | 23,53 | 25,15 | 26,72 | 28,51 | 32,16 | 36,07 | 0,14 | 0,59 | 0,89 | 0,98 |
| **2 200** | 13,60 | 15,17 | 16,72 | 18,25 | 19,75 | 21,22 | 22,67 | 24,36 | 26,02 | 27,63 | 29,46 | 33,16 | 37,07 | 0,15 | 0,61 | 0,93 | 1,03 |
| **2 300** | 14,08 | 15,71 | 17,31 | 18,88 | 20,43 | 21,94 | 23,42 | 25,16 | 26,86 | 28,50 | 30,36 | 34,09 | 38,00 | 0,15 | 0,64 | 0,97 | 1,08 |
| **2 400** | 14,55 | 16,23 | 17,88 | 19,50 | 21,08 | 22,64 | 24,16 | 25,94 | 27,66 | 29,33 | 31,21 | 34,97 | 38,84 | 0,16 | 0,67 | 1,02 | 1,12 |
| **2 500** | 15,01 | 16,74 | 18,43 | 20,09 | 21,72 | 23,31 | 24,87 | 26,68 | 28,43 | 30,12 | 32,02 | 35,78 | 39,59 | 0,17 | 0,70 | 1,06 | 1,17 |
| **2 600** | 15,45 | 17,23 | 18,97 | 20,68 | 22,34 | 23,96 | 25,55 | 27,39 | 29,16 | 30,87 | 32,78 | 36,52 | – | 0,17 | 0,73 | 1,10 | 1,22 |
| **2 700** | 15,89 | 17,71 | 19,49 | 21,24 | 22,94 | 24,59 | 26,20 | 28,06 | 29,86 | 31,58 | 33,49 | 37,20 | – | 0,18 | 0,75 | 1,14 | 1,26 |
| **2 800** | 16,31 | 18,18 | 20,00 | 21,78 | 23,51 | 25,19 | 26,82 | 28,71 | 30,52 | 32,24 | 34,15 | 37,81 | – | 0,19 | 0,78 | 1,18 | 1,31 |
| **2 880** | 16,64 | 18,54 | 20,40 | 22,20 | 23,96 | 25,66 | 27,30 | 29,20 | 31,02 | 32,74 | 34,63 | – | – | 0,19 | 0,80 | 1,22 | 1,35 |
| **2 900** | 16,72 | 18,63 | 20,49 | 22,30 | 24,06 | 25,77 | 27,42 | 29,32 | 31,14 | 32,86 | 34,75 | – | – | 0,19 | 0,81 | 1,23 | 1,36 |
| **3 000** | 17,12 | 19,07 | 20,97 | 22,81 | 24,59 | 26,32 | 27,98 | 29,90 | 31,71 | 33,43 | 35,30 | – | – | 0,20 | 0,84 | 1,27 | 1,40 |
| **3 100** | 17,51 | 19,49 | 21,42 | 23,29 | 25,10 | 26,84 | 28,52 | 30,44 | 32,25 | 33,95 | 35,80 | – | – | 0,21 | 0,87 | 1,31 | 1,45 |
| **3 200** | 17,88 | 19,90 | 21,86 | 23,76 | 25,58 | 27,34 | 29,02 | 30,94 | 32,74 | 34,43 | – | – | – | 0,21 | 0,89 | 1,35 | 1,50 |
| **3 300** | 18,24 | 20,30 | 22,28 | 24,20 | 26,04 | 27,81 | 29,49 | 31,41 | 33,19 | 34,85 | – | – | – | 0,22 | 0,92 | 1,40 | 1,54 |
| **3 400** | 18,59 | 20,67 | 22,69 | 24,62 | 26,48 | 28,25 | 29,93 | 31,83 | 33,60 | – | – | – | – | 0,23 | 0,95 | 1,44 | 1,59 |
| **3 500** | 18,92 | 21,04 | 23,07 | 25,02 | 26,89 | 28,66 | 30,34 | 32,22 | 33,96 | – | – | – | – | 0,23 | 0,98 | 1,48 | 1,64 |
| **3 600** | 19,25 | 21,38 | 23,44 | 25,40 | 27,27 | 29,04 | 30,71 | 32,57 | – | – | – | – | – | 0,24 | 1,01 | 1,52 | 1,68 |
| **3 700** | 19,55 | 21,71 | 23,78 | 25,75 | 27,62 | 29,39 | 31,04 | 32,88 | – | – | – | – | – | 0,25 | 1,03 | 1,57 | 1,73 |
| **3 800** | 19,85 | 22,03 | 24,11 | 26,08 | 27,95 | 29,71 | 31,34 | – | – | – | – | – | – | 0,26 | 1,06 | 1,61 | 1,78 |
| **3 900** | 20,13 | 22,32 | 24,41 | 26,39 | 28,25 | 29,99 | 31,60 | – | – | – | – | – | – | 0,26 | 1,09 | 1,65 | 1,83 |
| **4 000** | 20,39 | 22,60 | 24,70 | 26,67 | 28,53 | 30,25 | – | – | – | – | – | – | – | 0,27 | 1,12 | 1,69 | 1,87 |
| **4 100** | 20,64 | 22,86 | 24,96 | 26,93 | 28,77 | 30,47 | – | – | – | – | – | – | – | 0,28 | 1,15 | 1,73 | 1,92 |
| **4 200** | 20,87 | 23,10 | 25,20 | 27,17 | 28,98 | – | – | – | – | – | – | – | – | 0,28 | 1,17 | 1,78 | 1,97 |
| **4 300** | 21,09 | 23,33 | 25,42 | 27,37 | 29,17 | – | – | – | – | – | – | – | – | 0,29 | 1,20 | 1,82 | 2,01 |
| **4 400** | 21,30 | 23,53 | 25,62 | 27,55 | – | – | – | – | – | – | – | – | – | 0,30 | 1,23 | 1,86 | 2,06 |
| **4 500** | 21,48 | 23,72 | 25,80 | 27,71 | – | – | – | – | – | – | – | – | – | 0,30 | 1,26 | 1,90 | 2,11 |
| **4 600** | 21,65 | 23,89 | 25,95 | 27,83 | – | – | – | – | – | – | – | – | – | 0,31 | 1,29 | 1,95 | 2,15 |
| **4 700** | 21,81 | 24,03 | 26,08 | – | – | – | – | – | – | – | – | – | – | 0,32 | 1,31 | 1,99 | 2,20 |
| **4 800** | 21,95 | 24,16 | 26,18 | – | – | – | – | – | – | – | – | – | – | 0,32 | 1,34 | 2,03 | 2,25 |
| **4 900** | 22,07 | 24,27 | – | – | – | – | – | – | – | – | – | – | – | 0,33 | 1,37 | 2,07 | 2,29 |
| **5 000** | 22,17 | 24,35 | – | – | – | – | – | – | – | – | – | – | – | 0,34 | 1,40 | 2,12 | 2,34 |
| **5 100** | 22,26 | 24,41 | – | – | – | – | – | – | – | – | – | – | – | 0,34 | 1,42 | 2,16 | 2,39 |
| **5 200** | 22,32 | 24,46 | – | – | – | – | – | – | – | – | – | – | – | 0,35 | 1,45 | 2,20 | 2,43 |
| **5 300** | 22,37 | – | – | – | – | – | – | – | – | – | – | – | – | 0,36 | 1,48 | 2,24 | 2,48 |
| **5 400** | 22,40 | – | – | – | – | – | – | – | – | – | – | – | – | 0,36 | 1,51 | 2,28 | 2,53 |
| **5 500** | 22,42 | – | – | – | – | – | – | – | – | – | – | – | – | 0,37 | 1,54 | 2,33 | 2,57 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9r

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | | | | | kW | | | |
| **100** | 2,3 | 2,5 | 2,7 | 3,0 | 3,2 | 3,6 | 3,9 | 4,2 | 4,5 | 4,9 | 5,3 | 5,7 | 6,2 | 6,6 | 7,0 | 7,5 | 8,0 | 0,02 | 0,10 | 0,17 | 0,19 |
| **200** | 4,3 | 4,7 | 5,1 | 5,6 | 6,2 | 6,8 | 7,3 | 8,0 | 8,7 | 9,3 | 10,1 | 11,0 | 11,8 | 12,6 | 13,4 | 14,4 | 15,4 | 0,05 | 0,21 | 0,34 | 0,39 |
| **300** | 6,1 | 6,7 | 7,4 | 8,2 | 8,9 | 9,9 | 10,6 | 11,6 | 12,6 | 13,6 | 14,8 | 16,0 | 17,2 | 18,3 | 19,5 | 20,9 | 22,4 | 0,07 | 0,31 | 0,50 | 0,58 |
| **400** | 8,0 | 8,7 | 9,7 | 10,6 | 11,6 | 12,9 | 13,8 | 15,1 | 16,4 | 17,6 | 19,2 | 20,8 | 22,3 | 23,9 | 25,4 | 27,3 | 29,1 | 0,10 | 0,42 | 0,67 | 0,78 |
| **500** | 9,7 | 10,7 | 11,8 | 13,0 | 14,2 | 15,8 | 16,9 | 18,5 | 20,1 | 21,6 | 23,5 | 25,4 | 27,3 | 29,2 | 31,1 | 33,3 | 35,5 | 0,12 | 0,52 | 0,84 | 0,97 |
| **600** | 11,4 | 12,6 | 13,9 | 15,3 | 16,7 | 18,6 | 20,0 | 21,8 | 23,6 | 25,4 | 27,7 | 29,9 | 32,2 | 34,4 | 36,5 | 39,1 | 41,7 | 0,14 | 0,63 | 1,01 | 1,17 |
| **700** | 13,1 | 14,4 | 15,9 | 17,5 | 19,1 | 21,3 | 22,9 | 25,0 | 27,1 | 29,2 | 31,7 | 34,3 | 36,8 | 39,3 | 41,7 | 44,6 | 47,5 | 0,17 | 0,73 | 1,18 | 1,36 |
| **720** | 13,4 | 14,7 | 16,3 | 18,0 | 19,6 | 21,8 | 23,4 | 25,6 | 27,8 | 29,9 | 32,5 | 35,1 | 37,7 | 40,2 | 42,7 | 45,7 | 48,6 | 0,17 | 0,75 | 1,21 | 1,40 |
| **800** | 14,7 | 16,1 | 17,9 | 19,7 | 21,5 | 23,9 | 25,7 | 28,1 | 30,4 | 32,7 | 35,6 | 38,4 | 41,2 | 44,0 | 46,7 | 49,9 | 53,0 | 0,19 | 0,83 | 1,35 | 1,55 |
| **900** | 16,2 | 17,9 | 19,8 | 21,8 | 23,8 | 26,5 | 28,4 | 31,1 | 33,6 | 36,2 | 39,3 | 42,4 | 45,4 | 48,4 | 51,3 | 54,8 | 58,1 | 0,22 | 0,94 | 1,51 | 1,75 |
| **960** | 17,1 | 18,9 | 20,9 | 23,0 | 25,2 | 28,0 | 30,0 | 32,8 | 35,5 | 38,2 | 41,5 | 44,7 | 47,9 | 51,0 | 54,0 | 57,5 | 61,0 | 0,23 | 1,00 | 1,62 | 1,87 |
| **1 000** | 17,7 | 19,5 | 21,6 | 23,8 | 26,0 | 28,9 | 31,1 | 33,9 | 36,7 | 39,5 | 42,9 | 46,2 | 49,4 | 52,6 | 55,7 | 59,3 | 62,8 | 0,24 | 1,04 | 1,68 | 1,94 |
| **1 100** | 19,2 | 21,1 | 23,4 | 25,8 | 28,2 | 31,3 | 33,6 | 36,7 | 39,7 | 42,6 | 46,2 | 49,7 | 53,2 | 56,5 | 59,7 | 63,5 | 67,1 | 0,26 | 1,15 | 1,85 | 2,14 |
| **1 200** | 20,6 | 22,7 | 25,1 | 27,7 | 30,3 | 33,6 | 36,1 | 39,3 | 42,5 | 45,6 | 49,4 | 53,1 | 56,6 | 60,1 | 63,4 | 67,2 | 70,8 | 0,29 | 1,25 | 2,02 | 2,33 |
| **1 300** | 22,0 | 24,2 | 26,8 | 29,5 | 32,2 | 35,8 | 38,4 | 41,8 | 45,1 | 48,4 | 52,3 | 56,2 | 59,8 | 63,3 | 66,7 | 70,5 | 74,1 | 0,31 | 1,35 | 2,19 | 2,53 |
| **1 400** | 23,3 | 25,7 | 28,4 | 31,3 | 34,1 | 37,9 | 40,6 | 44,2 | 47,6 | 51,0 | 55,1 | 59,0 | 62,7 | 66,3 | 69,6 | 73,4 | 76,8 | 0,34 | 1,46 | 2,36 | 2,72 |
| **1 440** | 23,8 | 26,2 | 29,0 | 32,0 | 34,9 | 38,7 | 41,5 | 45,1 | 48,6 | 52,0 | 56,1 | 60,0 | 63,8 | 67,3 | 70,6 | 74,3 | 77,7 | 0,34 | 1,50 | 2,42 | 2,80 |
| **1 500** | 24,6 | 27,1 | 29,9 | 33,0 | 36,0 | 39,8 | 42,7 | 46,4 | 50,0 | 53,4 | 57,6 | 61,5 | 65,3 | 68,8 | 72,1 | 75,7 | – | 0,36 | 1,56 | 2,52 | 2,91 |
| **1 600** | 25,8 | 28,4 | 31,4 | 34,6 | 37,7 | 41,7 | 44,6 | 48,5 | 52,1 | 55,7 | 59,9 | 63,8 | 67,5 | 70,9 | 74,1 | – | – | 0,38 | 1,67 | 2,69 | 3,11 |
| **1 700** | 26,9 | 29,7 | 32,8 | 36,1 | 39,3 | 43,4 | 46,5 | 50,4 | 54,1 | 57,7 | 61,9 | 65,8 | 69,4 | – | – | – | – | 0,41 | 1,77 | 2,86 | 3,30 |
| **1 800** | 28,0 | 30,8 | 34,1 | 37,5 | 40,8 | 45,1 | 48,2 | 52,1 | 55,9 | 59,4 | 63,6 | 67,4 | – | – | – | – | – | 0,43 | 1,88 | 3,03 | 3,50 |
| **1 900** | 29,0 | 32,0 | 35,3 | 38,8 | 42,2 | 46,6 | 49,7 | 53,7 | 57,4 | 61,0 | 65,0 | – | – | – | – | – | – | 0,45 | 1,98 | 3,20 | 3,69 |
| **2 000** | 30,0 | 33,0 | 36,5 | 40,0 | 43,5 | 47,9 | 51,1 | 55,1 | 58,8 | 62,3 | 66,2 | – | – | – | – | – | – | 0,48 | 2,08 | 3,36 | 3,89 |
| **2 100** | 30,9 | 34,0 | 37,5 | 41,2 | 44,7 | 49,1 | 52,3 | 56,2 | 59,9 | 63,3 | – | – | – | – | – | – | – | 0,50 | 2,19 | 3,53 | 4,08 |
| **2 200** | 31,8 | 34,9 | 38,5 | 42,2 | 45,7 | 50,2 | 53,3 | 57,2 | 60,8 | – | – | – | – | – | – | – | – | 0,53 | 2,29 | 3,70 | 4,28 |
| **2 300** | 32,5 | 35,7 | 39,4 | 43,1 | 46,7 | 51,1 | 54,2 | 58,0 | – | – | – | – | – | – | – | – | – | 0,55 | 2,40 | 3,87 | 4,47 |
| **2 400** | 33,2 | 36,5 | 40,2 | 43,9 | 47,5 | 51,9 | 54,9 | – | – | – | – | – | – | – | – | – | – | 0,57 | 2,50 | 4,04 | 4,66 |
| **2 500** | 33,8 | 37,1 | 40,8 | 44,6 | 48,1 | 52,4 | 55,4 | – | – | – | – | – | – | – | – | – | – | 0,60 | 2,60 | 4,21 | 4,86 |
| **2 600** | 34,4 | 37,7 | 41,4 | 45,2 | 48,6 | 52,9 | – | – | – | – | – | – | – | – | – | – | – | 0,62 | 2,71 | 4,37 | 5,05 |
| **2 700** | 34,9 | 38,2 | 41,9 | 45,6 | 49,0 | – | – | – | – | – | – | – | – | – | – | – | – | 0,65 | 2,81 | 4,54 | 5,25 |
| **2 800** | 35,2 | 38,6 | 42,2 | 45,9 | 49,2 | – | – | – | – | – | – | – | – | – | – | – | – | 0,67 | 2,92 | 4,71 | 5,44 |
| **2 900** | 35,5 | 38,9 | 42,5 | 46,1 | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,69 | 3,02 | 4,88 | 5,64 |
| **3 000** | 35,8 | 39,1 | 42,6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,72 | 3,13 | 5,05 | 5,83 |
| **3 100** | 35,9 | 39,1 | 42,6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,74 | 3,23 | 5,22 | 6,02 |
| **3 200** | 35,9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,77 | 3,33 | 5,38 | 6,22 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## Section SPZ-XP/3V-XP

**Table 9s**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 67 | 71 | 75 | 80 | 85 | 90 | 95 | 100 | 112 | 125 | 132 | 140 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | kW | | | |
| **100** | 0,13 | 0,15 | 0,16 | 0,18 | 0,20 | 0,22 | 0,24 | 0,25 | 0,30 | 0,35 | 0,37 | 0,40 | 0,00 | 0,01 | 0,01 | 0,01 |
| **500** | 0,53 | 0,60 | 0,67 | 0,75 | 0,83 | 0,92 | 1,00 | 1,08 | 1,28 | 1,49 | 1,61 | 1,74 | 0,01 | 0,04 | 0,06 | 0,07 |
| **720** | 0,72 | 0,82 | 0,91 | 1,03 | 1,15 | 1,26 | 1,38 | 1,50 | 1,77 | 2,07 | 2,23 | 2,41 | 0,01 | 0,05 | 0,09 | 0,10 |
| **800** | 0,79 | 0,89 | 1,00 | 1,13 | 1,26 | 1,39 | 1,51 | 1,64 | 1,95 | 2,27 | 2,45 | 2,65 | 0,01 | 0,06 | 0,10 | 0,11 |
| **900** | 0,87 | 0,99 | 1,10 | 1,25 | 1,39 | 1,53 | 1,68 | 1,82 | 2,16 | 2,52 | 2,72 | 2,94 | 0,01 | 0,07 | 0,11 | 0,12 |
| **960** | 0,92 | 1,04 | 1,16 | 1,32 | 1,47 | 1,62 | 1,78 | 1,93 | 2,29 | 2,67 | 2,88 | 3,11 | 0,02 | 0,07 | 0,11 | 0,13 |
| **1 000** | 0,95 | 1,08 | 1,21 | 1,36 | 1,52 | 1,68 | 1,84 | 2,00 | 2,37 | 2,77 | 2,98 | 3,23 | 0,02 | 0,07 | 0,12 | 0,14 |
| **1 100** | 1,03 | 1,17 | 1,31 | 1,48 | 1,65 | 1,83 | 2,00 | 2,17 | 2,58 | 3,01 | 3,24 | 3,51 | 0,02 | 0,08 | 0,13 | 0,15 |
| **1 200** | 1,10 | 1,25 | 1,41 | 1,59 | 1,78 | 1,97 | 2,15 | 2,34 | 2,78 | 3,25 | 3,50 | 3,79 | 0,02 | 0,09 | 0,14 | 0,17 |
| **1 300** | 1,18 | 1,34 | 1,50 | 1,71 | 1,91 | 2,11 | 2,31 | 2,51 | 2,98 | 3,49 | 3,76 | 4,06 | 0,02 | 0,09 | 0,15 | 0,18 |
| **1 400** | 1,25 | 1,42 | 1,60 | 1,82 | 2,03 | 2,25 | 2,46 | 2,67 | 3,18 | 3,72 | 4,01 | 4,33 | 0,02 | 0,10 | 0,17 | 0,19 |
| **1 440** | 1,28 | 1,46 | 1,64 | 1,86 | 2,08 | 2,30 | 2,52 | 2,74 | 3,26 | 3,81 | 4,10 | 4,44 | 0,02 | 0,10 | 0,17 | 0,20 |
| **1 500** | 1,32 | 1,51 | 1,69 | 1,92 | 2,15 | 2,38 | 2,61 | 2,84 | 3,37 | 3,95 | 4,25 | 4,60 | 0,02 | 0,11 | 0,18 | 0,21 |
| **1 600** | 1,39 | 1,59 | 1,79 | 2,03 | 2,27 | 2,52 | 2,76 | 3,00 | 3,56 | 4,17 | 4,49 | 4,86 | 0,03 | 0,12 | 0,19 | 0,22 |
| **1 700** | 1,46 | 1,67 | 1,88 | 2,14 | 2,39 | 2,65 | 2,90 | 3,15 | 3,75 | 4,39 | 4,73 | 5,12 | 0,03 | 0,12 | 0,20 | 0,24 |
| **1 800** | 1,53 | 1,75 | 1,97 | 2,24 | 2,51 | 2,78 | 3,05 | 3,31 | 3,94 | 4,61 | 4,97 | 5,37 | 0,03 | 0,13 | 0,21 | 0,25 |
| **1 900** | 1,59 | 1,83 | 2,06 | 2,34 | 2,63 | 2,91 | 3,19 | 3,46 | 4,12 | 4,83 | 5,20 | 5,62 | 0,03 | 0,14 | 0,23 | 0,26 |
| **2 000** | 1,66 | 1,90 | 2,14 | 2,44 | 2,74 | 3,03 | 3,33 | 3,62 | 4,30 | 5,04 | 5,43 | 5,86 | 0,03 | 0,15 | 0,24 | 0,28 |
| **2 100** | 1,72 | 1,98 | 2,23 | 2,54 | 2,85 | 3,16 | 3,46 | 3,77 | 4,48 | 5,25 | 5,65 | 6,10 | 0,03 | 0,15 | 0,25 | 0,29 |
| **2 200** | 1,79 | 2,05 | 2,31 | 2,64 | 2,96 | 3,28 | 3,60 | 3,91 | 4,66 | 5,45 | 5,87 | 6,34 | 0,04 | 0,16 | 0,26 | 0,30 |
| **2 300** | 1,85 | 2,12 | 2,40 | 2,74 | 3,07 | 3,40 | 3,73 | 4,06 | 4,83 | 5,65 | 6,08 | 6,57 | 0,04 | 0,17 | 0,27 | 0,32 |
| **2 400** | 1,91 | 2,20 | 2,48 | 2,83 | 3,18 | 3,52 | 3,86 | 4,20 | 5,00 | 5,85 | 6,30 | 6,80 | 0,04 | 0,17 | 0,29 | 0,33 |
| **2 500** | 1,97 | 2,27 | 2,56 | 2,92 | 3,28 | 3,64 | 3,99 | 4,34 | 5,17 | 6,04 | 6,51 | 7,02 | 0,04 | 0,18 | 0,30 | 0,35 |
| **2 600** | 2,03 | 2,34 | 2,64 | 3,02 | 3,39 | 3,76 | 4,12 | 4,48 | 5,34 | 6,24 | 6,71 | 7,24 | 0,04 | 0,19 | 0,31 | 0,36 |
| **2 700** | 2,09 | 2,41 | 2,72 | 3,11 | 3,49 | 3,87 | 4,25 | 4,62 | 5,50 | 6,42 | 6,91 | 7,46 | 0,04 | 0,20 | 0,32 | 0,37 |
| **2 800** | 2,15 | 2,47 | 2,80 | 3,20 | 3,59 | 3,98 | 4,37 | 4,75 | 5,66 | 6,61 | 7,11 | 7,67 | 0,05 | 0,20 | 0,33 | 0,39 |
| **2 880** | 2,19 | 2,53 | 2,86 | 3,27 | 3,67 | 4,07 | 4,47 | 4,86 | 5,78 | 6,75 | 7,26 | 7,83 | 0,05 | 0,21 | 0,34 | 0,40 |
| **2 900** | 2,20 | 2,54 | 2,87 | 3,28 | 3,69 | 4,09 | 4,49 | 4,89 | 5,81 | 6,79 | 7,30 | 7,87 | 0,05 | 0,21 | 0,34 | 0,40 |
| **3 000** | 2,26 | 2,60 | 2,95 | 3,37 | 3,79 | 4,20 | 4,61 | 5,02 | 5,97 | 6,96 | 7,49 | 8,07 | 0,05 | 0,22 | 0,36 | 0,42 |
| **3 100** | 2,31 | 2,67 | 3,02 | 3,46 | 3,89 | 4,31 | 4,73 | 5,15 | 6,12 | 7,14 | 7,67 | 8,26 | 0,05 | 0,23 | 0,37 | 0,43 |
| **3 200** | 2,37 | 2,73 | 3,09 | 3,54 | 3,98 | 4,42 | 4,85 | 5,27 | 6,27 | 7,31 | 7,85 | 8,45 | 0,05 | 0,23 | 0,38 | 0,44 |
| **3 300** | 2,42 | 2,79 | 3,16 | 3,62 | 4,07 | 4,52 | 4,96 | 5,39 | 6,41 | 7,47 | 8,02 | 8,64 | 0,05 | 0,24 | 0,39 | 0,46 |
| **3 400** | 2,47 | 2,86 | 3,23 | 3,70 | 4,17 | 4,62 | 5,07 | 5,52 | 6,55 | 7,63 | 8,19 | 8,82 | 0,06 | 0,25 | 0,40 | 0,47 |
| **3 500** | 2,52 | 2,92 | 3,30 | 3,78 | 4,26 | 4,72 | 5,18 | 5,63 | 6,69 | 7,79 | 8,36 | 8,99 | 0,06 | 0,25 | 0,42 | 0,49 |
| **3 600** | 2,57 | 2,97 | 3,37 | 3,86 | 4,34 | 4,82 | 5,29 | 5,75 | 6,83 | 7,94 | 8,52 | 9,16 | 0,06 | 0,26 | 0,43 | 0,50 |
| **3 700** | 2,62 | 3,03 | 3,44 | 3,94 | 4,43 | 4,92 | 5,40 | 5,87 | 6,96 | 8,09 | 8,68 | 9,32 | 0,06 | 0,27 | 0,44 | 0,51 |
| **3 800** | 2,67 | 3,09 | 3,50 | 4,01 | 4,52 | 5,01 | 5,50 | 5,98 | 7,09 | 8,24 | 8,83 | 9,48 | 0,06 | 0,28 | 0,45 | 0,53 |
| **3 900** | 2,72 | 3,14 | 3,57 | 4,09 | 4,60 | 5,10 | 5,60 | 6,09 | 7,22 | 8,38 | 8,97 | 9,63 | 0,06 | 0,28 | 0,46 | 0,54 |
| **4 000** | 2,76 | 3,20 | 3,63 | 4,16 | 4,68 | 5,20 | 5,70 | 6,19 | 7,34 | 8,51 | 9,11 | 9,77 | 0,07 | 0,29 | 0,48 | 0,55 |
| **4 200** | 2,85 | 3,30 | 3,75 | 4,30 | 4,84 | 5,37 | 5,89 | 6,40 | 7,58 | 8,77 | 9,38 | 10,04 | 0,07 | 0,31 | 0,50 | 0,58 |
| **4 400** | 2,93 | 3,40 | 3,87 | 4,44 | 4,99 | 5,54 | 6,07 | 6,60 | 7,80 | 9,01 | 9,62 | 10,29 | 0,07 | 0,32 | 0,52 | 0,61 |
| **4 600** | 3,02 | 3,50 | 3,98 | 4,56 | 5,14 | 5,70 | 6,25 | 6,78 | 8,00 | 9,23 | 9,85 | 10,51 | 0,08 | 0,34 | 0,55 | 0,64 |
| **4 800** | 3,09 | 3,59 | 4,08 | 4,69 | 5,28 | 5,85 | 6,41 | 6,96 | 8,20 | 9,43 | 10,05 | 10,70 | 0,08 | 0,35 | 0,57 | 0,67 |
| **5 000** | 3,16 | 3,68 | 4,18 | 4,80 | 5,41 | 5,99 | 6,56 | 7,12 | 8,38 | 9,61 | 10,22 | 10,87 | 0,08 | 0,36 | 0,59 | 0,69 |
| **5 200** | 3,23 | 3,76 | 4,28 | 4,91 | 5,53 | 6,13 | 6,71 | 7,27 | 8,54 | 9,77 | 10,38 | 11,01 | 0,09 | 0,38 | 0,62 | 0,72 |
| **5 400** | 3,30 | 3,84 | 4,37 | 5,02 | 5,64 | 6,25 | 6,84 | 7,41 | 8,68 | 9,91 | 10,50 | 11,11 | 0,09 | 0,39 | 0,64 | 0,75 |
| **5 600** | 3,36 | 3,91 | 4,45 | 5,11 | 5,75 | 6,37 | 6,97 | 7,54 | 8,81 | 10,03 | 10,60 | 11,19 | 0,09 | 0,41 | 0,67 | 0,78 |
| **5 800** | 3,41 | 3,98 | 4,53 | 5,20 | 5,85 | 6,48 | 7,08 | 7,65 | 8,93 | 10,12 | 10,68 | 11,24 | 0,10 | 0,42 | 0,69 | 0,80 |
| **6 000** | 3,46 | 4,04 | 4,60 | 5,28 | 5,94 | 6,57 | 7,18 | 7,76 | 9,02 | 10,19 | 10,73 | – | 0,10 | 0,44 | 0,71 | 0,83 |
| **6 200** | 3,51 | 4,09 | 4,67 | 5,36 | 6,02 | 6,66 | 7,27 | 7,85 | 9,10 | 10,24 | – | – | 0,10 | 0,45 | 0,74 | 0,86 |
| **6 400** | 3,55 | 4,15 | 4,73 | 5,43 | 6,10 | 6,74 | 7,35 | 7,92 | 9,16 | 10,26 | – | – | 0,11 | 0,47 | 0,76 | 0,89 |
| **6 600** | 3,58 | 4,19 | 4,78 | 5,49 | 6,16 | 6,80 | 7,41 | 7,98 | 9,20 | – | – | – | 0,11 | 0,48 | 0,79 | 0,91 |
| **6 800** | 3,62 | 4,23 | 4,83 | 5,54 | 6,22 | 6,86 | 7,47 | 8,03 | 9,22 | – | – | – | 0,11 | 0,50 | 0,81 | 0,94 |
| **7 000** | 3,64 | 4,27 | 4,87 | 5,58 | 6,26 | 6,91 | 7,51 | 8,07 | 9,22 | – | – | – | 0,12 | 0,51 | 0,83 | 0,97 |
| **7 200** | 3,67 | 4,29 | 4,90 | 5,62 | 6,30 | 6,94 | 7,54 | 8,09 | – | – | – | – | 0,12 | 0,52 | 0,86 | 1,00 |
| **7 400** | 3,68 | 4,32 | 4,93 | 5,65 | 6,33 | 6,96 | 7,55 | 8,09 | – | – | – | – | 0,12 | 0,54 | 0,88 | 1,03 |
| **7 600** | 3,69 | 4,33 | 4,94 | 5,67 | 6,35 | 6,98 | 7,55 | – | – | – | – | – | 0,13 | 0,55 | 0,90 | 1,05 |
| **7 800** | 3,70 | 4,34 | 4,96 | 5,68 | 6,35 | – | – | – | – | – | – | – | 0,13 | 0,57 | 0,93 | 1,08 |
| **8 000** | 3,70 | 4,35 | 4,96 | 5,68 | – | – | – | – | – | – | – | – | 0,13 | 0,58 | 0,95 | 1,11 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.
Pulley diameters for 3V section are outside diameter.

Table 9t

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 | 95 | 100 | 106 | 112 | 118 | 125 | 132 | 140 | 150 | 160 | 180 | 200 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,26 | 0,29 | 0,32 | 0,36 | 0,40 | 0,43 | 0,48 | 0,52 | 0,57 | 0,63 | 0,70 | 0,82 | 0,94 | 0,00 | 0,02 | 0,03 | 0,03 |
| **200** | 0,47 | 0,53 | 0,59 | 0,66 | 0,74 | 0,81 | 0,89 | 0,98 | 1,07 | 1,19 | 1,31 | 1,54 | 1,78 | 0,01 | 0,04 | 0,06 | 0,06 |
| **300** | 0,66 | 0,75 | 0,84 | 0,95 | 1,05 | 1,16 | 1,28 | 1,40 | 1,54 | 1,72 | 1,89 | 2,23 | 2,57 | 0,01 | 0,06 | 0,08 | 0,09 |
| **400** | 0,85 | 0,96 | 1,08 | 1,22 | 1,36 | 1,49 | 1,65 | 1,81 | 2,00 | 2,22 | 2,45 | 2,90 | 3,34 | 0,02 | 0,07 | 0,11 | 0,12 |
| **500** | 1,02 | 1,16 | 1,30 | 1,48 | 1,65 | 1,82 | 2,01 | 2,21 | 2,44 | 2,72 | 2,99 | 3,55 | 4,09 | 0,02 | 0,09 | 0,14 | 0,15 |
| **600** | 1,18 | 1,35 | 1,52 | 1,73 | 1,93 | 2,13 | 2,36 | 2,60 | 2,86 | 3,20 | 3,52 | 4,18 | 4,83 | 0,03 | 0,11 | 0,17 | 0,18 |
| **700** | 1,34 | 1,54 | 1,74 | 1,97 | 2,20 | 2,44 | 2,71 | 2,98 | 3,28 | 3,66 | 4,04 | 4,80 | 5,55 | 0,03 | 0,13 | 0,19 | 0,21 |
| **720** | 1,37 | 1,58 | 1,78 | 2,02 | 2,26 | 2,50 | 2,77 | 3,05 | 3,37 | 3,76 | 4,15 | 4,92 | 5,69 | 0,03 | 0,13 | 0,20 | 0,22 |
| **800** | 1,50 | 1,72 | 1,94 | 2,21 | 2,47 | 2,73 | 3,04 | 3,35 | 3,69 | 4,12 | 4,55 | 5,41 | 6,25 | 0,04 | 0,15 | 0,22 | 0,24 |
| **900** | 1,65 | 1,89 | 2,14 | 2,44 | 2,73 | 3,03 | 3,37 | 3,71 | 4,09 | 4,58 | 5,05 | 6,00 | 6,94 | 0,04 | 0,17 | 0,25 | 0,27 |
| **960** | 1,73 | 2,00 | 2,26 | 2,57 | 2,89 | 3,20 | 3,56 | 3,92 | 4,33 | 4,84 | 5,35 | 6,35 | 7,35 | 0,04 | 0,18 | 0,26 | 0,29 |
| **1 000** | 1,79 | 2,07 | 2,34 | 2,66 | 2,99 | 3,31 | 3,69 | 4,06 | 4,49 | 5,02 | 5,54 | 6,59 | 7,62 | 0,04 | 0,18 | 0,28 | 0,30 |
| **1 100** | 1,93 | 2,23 | 2,53 | 2,89 | 3,24 | 3,59 | 4,00 | 4,41 | 4,88 | 5,45 | 6,03 | 7,16 | 8,28 | 0,05 | 0,20 | 0,30 | 0,33 |
| **1 200** | 2,07 | 2,39 | 2,72 | 3,10 | 3,49 | 3,87 | 4,31 | 4,75 | 5,26 | 5,88 | 6,50 | 7,73 | 8,94 | 0,05 | 0,22 | 0,33 | 0,36 |
| **1 300** | 2,20 | 2,55 | 2,90 | 3,32 | 3,73 | 4,14 | 4,62 | 5,09 | 5,63 | 6,30 | 6,97 | 8,28 | 9,58 | 0,06 | 0,24 | 0,36 | 0,39 |
| **1 400** | 2,34 | 2,71 | 3,08 | 3,52 | 3,97 | 4,41 | 4,92 | 5,42 | 6,00 | 6,71 | 7,42 | 8,83 | 10,21 | 0,06 | 0,26 | 0,39 | 0,42 |
| **1 440** | 2,39 | 2,77 | 3,15 | 3,61 | 4,06 | 4,51 | 5,03 | 5,55 | 6,14 | 6,88 | 7,61 | 9,04 | 10,46 | 0,06 | 0,26 | 0,40 | 0,44 |
| **1 500** | 2,46 | 2,86 | 3,26 | 3,73 | 4,20 | 4,67 | 5,21 | 5,75 | 6,36 | 7,12 | 7,87 | 9,36 | 10,82 | 0,07 | 0,28 | 0,41 | 0,45 |
| **1 600** | 2,59 | 3,01 | 3,43 | 3,93 | 4,43 | 4,92 | 5,50 | 6,07 | 6,72 | 7,52 | 8,32 | 9,89 | 11,43 | 0,07 | 0,29 | 0,44 | 0,48 |
| **1 700** | 2,71 | 3,15 | 3,60 | 4,13 | 4,65 | 5,18 | 5,78 | 6,38 | 7,07 | 7,91 | 8,75 | 10,40 | 12,02 | 0,08 | 0,31 | 0,47 | 0,51 |
| **1 800** | 2,83 | 3,30 | 3,76 | 4,32 | 4,87 | 5,42 | 6,06 | 6,69 | 7,41 | 8,30 | 9,18 | 10,91 | 12,60 | 0,08 | 0,33 | 0,50 | 0,55 |
| **1 900** | 2,94 | 3,44 | 3,93 | 4,51 | 5,09 | 5,67 | 6,33 | 7,00 | 7,75 | 8,68 | 9,60 | 11,40 | 13,17 | 0,08 | 0,35 | 0,52 | 0,58 |
| **2 000** | 3,06 | 3,57 | 4,08 | 4,70 | 5,30 | 5,90 | 6,60 | 7,29 | 8,08 | 9,05 | 10,01 | 11,89 | 13,72 | 0,09 | 0,37 | 0,55 | 0,61 |
| **2 100** | 3,17 | 3,71 | 4,24 | 4,88 | 5,51 | 6,14 | 6,87 | 7,59 | 8,40 | 9,41 | 10,41 | 12,36 | 14,26 | 0,09 | 0,39 | 0,58 | 0,64 |
| **2 200** | 3,28 | 3,84 | 4,39 | 5,06 | 5,71 | 6,37 | 7,12 | 7,87 | 8,72 | 9,77 | 10,80 | 12,82 | 14,78 | 0,10 | 0,40 | 0,61 | 0,67 |
| **2 300** | 3,38 | 3,96 | 4,54 | 5,23 | 5,92 | 6,59 | 7,38 | 8,16 | 9,04 | 10,12 | 11,19 | 13,28 | 15,30 | 0,10 | 0,42 | 0,63 | 0,70 |
| **2 400** | 3,48 | 4,09 | 4,69 | 5,40 | 6,11 | 6,82 | 7,63 | 8,43 | 9,34 | 10,46 | 11,57 | 13,72 | 15,79 | 0,11 | 0,44 | 0,66 | 0,73 |
| **2 500** | 3,58 | 4,21 | 4,83 | 5,57 | 6,30 | 7,03 | 7,87 | 8,70 | 9,64 | 10,80 | 11,93 | 14,15 | 16,27 | 0,11 | 0,46 | 0,69 | 0,76 |
| **2 600** | 3,68 | 4,33 | 4,97 | 5,74 | 6,49 | 7,24 | 8,11 | 8,97 | 9,94 | 11,13 | 12,29 | 14,56 | 16,74 | 0,12 | 0,48 | 0,72 | 0,79 |
| **2 700** | 3,77 | 4,44 | 5,11 | 5,90 | 6,68 | 7,45 | 8,34 | 9,23 | 10,22 | 11,44 | 12,64 | 14,97 | 17,19 | 0,12 | 0,50 | 0,74 | 0,82 |
| **2 800** | 3,87 | 4,56 | 5,24 | 6,05 | 6,86 | 7,65 | 8,57 | 9,48 | 10,50 | 11,76 | 12,99 | 15,36 | 17,63 | 0,12 | 0,51 | 0,77 | 0,85 |
| **2 880** | 3,94 | 4,64 | 5,34 | 6,18 | 7,00 | 7,81 | 8,75 | 9,68 | 10,72 | 12,00 | 13,25 | 15,67 | 17,96 | 0,13 | 0,53 | 0,79 | 0,87 |
| **2 900** | 3,96 | 4,67 | 5,37 | 6,21 | 7,03 | 7,85 | 8,80 | 9,73 | 10,78 | 12,06 | 13,32 | 15,74 | 18,04 | 0,13 | 0,53 | 0,80 | 0,88 |
| **3 000** | 4,04 | 4,77 | 5,50 | 6,36 | 7,21 | 8,05 | 9,01 | 9,97 | 11,04 | 12,36 | 13,64 | 16,11 | 18,44 | 0,13 | 0,55 | 0,83 | 0,91 |
| **3 100** | 4,13 | 4,88 | 5,62 | 6,50 | 7,37 | 8,24 | 9,23 | 10,20 | 11,30 | 12,64 | 13,95 | 16,46 | 18,83 | 0,14 | 0,57 | 0,85 | 0,94 |
| **3 200** | 4,21 | 4,98 | 5,74 | 6,64 | 7,54 | 8,42 | 9,43 | 10,43 | 11,55 | 12,92 | 14,25 | 16,81 | 19,19 | 0,14 | 0,59 | 0,88 | 0,97 |
| **3 300** | 4,29 | 5,08 | 5,86 | 6,78 | 7,70 | 8,60 | 9,64 | 10,66 | 11,80 | 13,19 | 14,55 | 17,13 | 19,54 | 0,15 | 0,61 | 0,91 | 1,00 |
| **3 400** | 4,36 | 5,17 | 5,97 | 6,92 | 7,85 | 8,77 | 9,83 | 10,87 | 12,04 | 13,45 | 14,83 | 17,45 | 19,87 | 0,15 | 0,62 | 0,94 | 1,03 |
| **3 500** | 4,44 | 5,26 | 6,08 | 7,05 | 8,00 | 8,94 | 10,02 | 11,08 | 12,27 | 13,71 | 15,10 | 17,74 | 20,18 | 0,16 | 0,64 | 0,96 | 1,06 |
| **3 600** | 4,51 | 5,35 | 6,19 | 7,18 | 8,15 | 9,11 | 10,21 | 11,28 | 12,49 | 13,95 | 15,36 | 18,03 | 20,47 | 0,16 | 0,66 | 0,99 | 1,09 |
| **3 700** | 4,57 | 5,44 | 6,29 | 7,30 | 8,29 | 9,27 | 10,39 | 11,48 | 12,70 | 14,18 | 15,61 | 18,30 | 20,74 | 0,16 | 0,68 | 1,02 | 1,12 |
| **3 800** | 4,64 | 5,52 | 6,39 | 7,42 | 8,43 | 9,42 | 10,56 | 11,67 | 12,91 | 14,41 | 15,85 | 18,55 | 20,99 | 0,17 | 0,70 | 1,05 | 1,15 |
| **3 900** | 4,70 | 5,60 | 6,48 | 7,53 | 8,56 | 9,57 | 10,72 | 11,85 | 13,11 | 14,62 | 16,08 | 18,79 | 21,22 | 0,17 | 0,72 | 1,07 | 1,18 |
| **4 000** | 4,76 | 5,68 | 6,58 | 7,64 | 8,69 | 9,71 | 10,88 | 12,03 | 13,30 | 14,83 | 16,29 | 19,01 | – | 0,18 | 0,74 | 1,10 | 1,21 |
| **4 100** | 4,82 | 5,75 | 6,67 | 7,75 | 8,81 | 9,85 | 11,04 | 12,20 | 13,48 | 15,02 | 16,49 | 19,22 | – | 0,18 | 0,75 | 1,13 | 1,24 |
| **4 200** | 4,87 | 5,82 | 6,75 | 7,85 | 8,93 | 9,98 | 11,19 | 12,36 | 13,65 | 15,21 | 16,69 | 19,41 | – | 0,19 | 0,77 | 1,16 | 1,27 |
| **4 300** | 4,92 | 5,88 | 6,83 | 7,95 | 9,04 | 10,11 | 11,33 | 12,51 | 13,82 | 15,38 | 16,87 | 19,58 | – | 0,19 | 0,79 | 1,18 | 1,30 |
| **4 400** | 4,97 | 5,95 | 6,91 | 8,04 | 9,15 | 10,23 | 11,46 | 12,66 | 13,97 | 15,54 | 17,03 | 19,73 | – | 0,20 | 0,81 | 1,21 | 1,33 |
| **4 500** | 5,01 | 6,01 | 6,98 | 8,13 | 9,25 | 10,35 | 11,59 | 12,79 | 14,12 | 15,70 | 17,19 | – | – | 0,20 | 0,83 | 1,24 | 1,36 |
| **4 600** | 5,06 | 6,06 | 7,05 | 8,21 | 9,35 | 10,46 | 11,71 | 12,92 | 14,26 | 15,84 | 17,33 | – | – | 0,20 | 0,85 | 1,27 | 1,39 |
| **4 700** | 5,09 | 6,12 | 7,12 | 8,29 | 9,44 | 10,56 | 11,83 | 13,05 | 14,38 | 15,97 | 17,45 | – | – | 0,21 | 0,86 | 1,29 | 1,42 |
| **4 800** | 5,13 | 6,16 | 7,18 | 8,37 | 9,53 | 10,66 | 11,93 | 13,16 | 14,50 | 16,09 | 17,57 | – | – | 0,21 | 0,88 | 1,32 | 1,45 |
| **4 900** | 5,16 | 6,21 | 7,24 | 8,44 | 9,61 | 10,75 | 12,03 | 13,27 | 14,61 | 16,20 | 17,67 | – | – | 0,22 | 0,90 | 1,35 | 1,48 |
| **5 000** | 5,19 | 6,25 | 7,29 | 8,51 | 9,69 | 10,83 | 12,13 | 13,36 | 14,71 | 16,29 | – | – | – | 0,22 | 0,92 | 1,38 | 1,51 |
| **5 100** | 5,22 | 6,29 | 7,34 | 8,57 | 9,76 | 10,91 | 12,21 | 13,45 | 14,80 | 16,38 | – | – | – | 0,23 | 0,94 | 1,40 | 1,54 |
| **5 200** | 5,24 | 6,32 | 7,38 | 8,62 | 9,82 | 10,99 | 12,29 | 13,53 | 14,88 | 16,45 | – | – | – | 0,23 | 0,96 | 1,43 | 1,57 |
| **5 300** | 5,26 | 6,35 | 7,43 | 8,67 | 9,88 | 11,05 | 12,36 | 13,61 | 14,95 | – | – | – | – | 0,24 | 0,97 | 1,46 | 1,61 |
| **5 400** | 5,27 | 6,38 | 7,46 | 8,72 | 9,94 | 11,11 | 12,42 | 13,67 | 15,01 | – | – | – | – | 0,24 | 0,99 | 1,49 | 1,64 |
| **5 500** | 5,29 | 6,41 | 7,49 | 8,76 | 9,99 | 11,16 | 12,48 | 13,72 | 15,06 | – | – | – | – | 0,24 | 1,01 | 1,51 | 1,67 |
| **5 600** | 5,30 | 6,42 | 7,52 | 8,80 | 10,03 | 11,21 | 12,52 | 13,77 | 15,10 | – | – | – | – | 0,25 | 1,03 | 1,54 | 1,70 |
| **5 700** | 5,30 | 6,44 | 7,55 | 8,83 | 10,06 | 11,25 | 12,56 | 13,80 | – | – | – | – | – | 0,25 | 1,05 | 1,57 | 1,73 |
| **5 800** | 5,30 | 6,45 | 7,56 | 8,86 | 10,09 | 11,28 | 12,59 | 13,83 | – | – | – | – | – | 0,26 | 1,07 | 1,60 | 1,76 |
| **5 900** | 0,00 | 6,46 | 7,58 | 8,88 | 10,12 | 11,31 | 12,62 | 13,85 | – | – | – | – | – | 0,26 | 1,08 | 1,63 | 1,79 |
| **6 000** | 0,00 | 6,46 | 7,59 | 8,89 | 10,14 | 11,32 | 12,63 | – | – | – | – | – | – | 0,27 | 1,10 | 1,65 | 1,82 |
| **6 100** | 0,00 | 0,00 | 7,59 | 8,90 | 10,15 | 11,33 | 12,64 | – | – | – | – | – | – | 0,27 | 1,12 | 1,68 | 1,85 |
| **6 200** | 0,00 | 0,00 | 7,59 | 8,90 | 10,15 | 11,34 | – | – | – | – | – | – | – | 0,28 | 1,14 | 1,71 | 1,88 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Power ratings
## SPB-XP/5V-XP

**Table 9u**

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 212 | 224 | 236 | 250 | 280 | 315 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | kW | | | |
| **100** | 0,76 | 0,86 | 0,95 | 1,05 | 1,15 | 1,25 | 1,34 | 1,46 | 1,58 | 1,69 | 1,83 | 2,11 | 2,44 | 0,01 | 0,04 | 0,07 | 0,08 |
| **200** | 1,39 | 1,58 | 1,76 | 1,95 | 2,14 | 2,32 | 2,51 | 2,73 | 2,95 | 3,17 | 3,43 | 3,98 | 4,61 | 0,02 | 0,08 | 0,14 | 0,16 |
| **300** | 1,97 | 2,24 | 2,52 | 2,79 | 3,07 | 3,34 | 3,61 | 3,93 | 4,25 | 4,58 | 4,95 | 5,74 | 6,66 | 0,03 | 0,12 | 0,21 | 0,24 |
| **400** | 2,52 | 2,88 | 3,24 | 3,60 | 3,95 | 4,31 | 4,66 | 5,08 | 5,50 | 5,92 | 6,41 | 7,45 | 8,65 | 0,04 | 0,17 | 0,27 | 0,32 |
| **500** | 3,04 | 3,49 | 3,93 | 4,37 | 4,81 | 5,24 | 5,68 | 6,20 | 6,72 | 7,23 | 7,83 | 9,10 | 10,57 | 0,05 | 0,21 | 0,34 | 0,41 |
| **600** | 3,55 | 4,08 | 4,60 | 5,12 | 5,64 | 6,15 | 6,67 | 7,28 | 7,90 | 8,50 | 9,21 | 10,71 | 12,45 | 0,06 | 0,25 | 0,41 | 0,49 |
| **700** | 4,04 | 4,65 | 5,25 | 5,85 | 6,45 | 7,04 | 7,63 | 8,34 | 9,05 | 9,75 | 10,56 | 12,29 | 14,28 | 0,07 | 0,29 | 0,48 | 0,57 |
| **720** | 4,14 | 4,76 | 5,38 | 5,99 | 6,61 | 7,22 | 7,83 | 8,55 | 9,27 | 9,99 | 10,83 | 12,60 | 14,65 | 0,07 | 0,30 | 0,49 | 0,58 |
| **800** | 4,52 | 5,20 | 5,88 | 6,56 | 7,24 | 7,91 | 8,58 | 9,38 | 10,17 | 10,96 | 11,88 | 13,83 | 16,08 | 0,07 | 0,33 | 0,55 | 0,65 |
| **900** | 4,98 | 5,74 | 6,50 | 7,26 | 8,01 | 8,76 | 9,50 | 10,39 | 11,28 | 12,16 | 13,17 | 15,34 | 17,83 | 0,08 | 0,37 | 0,62 | 0,73 |
| **960** | 5,25 | 6,06 | 6,87 | 7,67 | 8,47 | 9,26 | 10,05 | 10,99 | 11,93 | 12,86 | 13,94 | 16,23 | 18,87 | 0,09 | 0,40 | 0,66 | 0,78 |
| **1 000** | 5,43 | 6,27 | 7,11 | 7,94 | 8,77 | 9,59 | 10,41 | 11,39 | 12,36 | 13,32 | 14,44 | 16,82 | 19,55 | 0,09 | 0,41 | 0,69 | 0,81 |
| **1 100** | 5,87 | 6,79 | 7,70 | 8,61 | 9,51 | 10,41 | 11,30 | 12,36 | 13,42 | 14,47 | 15,69 | 18,27 | 21,23 | 0,10 | 0,46 | 0,76 | 0,89 |
| **1 200** | 6,30 | 7,30 | 8,28 | 9,26 | 10,24 | 11,21 | 12,17 | 13,32 | 14,46 | 15,59 | 16,91 | 19,68 | 22,87 | 0,11 | 0,50 | 0,82 | 0,97 |
| **1 300** | 6,73 | 7,79 | 8,85 | 9,90 | 10,95 | 11,99 | 13,02 | 14,26 | 15,48 | 16,69 | 18,10 | 21,07 | 24,47 | 0,12 | 0,54 | 0,89 | 1,05 |
| **1 400** | 7,14 | 8,28 | 9,41 | 10,53 | 11,65 | 12,76 | 13,86 | 15,18 | 16,48 | 17,78 | 19,27 | 22,43 | 26,04 | 0,13 | 0,58 | 0,96 | 1,13 |
| **1 440** | 7,30 | 8,47 | 9,63 | 10,78 | 11,93 | 13,07 | 14,20 | 15,54 | 16,88 | 18,20 | 19,73 | 22,97 | 26,66 | 0,13 | 0,60 | 0,99 | 1,17 |
| **1 500** | 7,54 | 8,75 | 9,96 | 11,15 | 12,34 | 13,52 | 14,69 | 16,08 | 17,46 | 18,83 | 20,42 | 23,76 | 27,57 | 0,14 | 0,62 | 1,03 | 1,22 |
| **1 600** | 7,94 | 9,22 | 10,49 | 11,76 | 13,01 | 14,26 | 15,50 | 16,97 | 18,43 | 19,87 | 21,54 | 25,06 | 29,06 | 0,15 | 0,66 | 1,10 | 1,30 |
| **1 700** | 8,32 | 9,68 | 11,02 | 12,35 | 13,68 | 14,99 | 16,29 | 17,84 | 19,37 | 20,89 | 22,64 | 26,33 | 30,51 | 0,16 | 0,70 | 1,17 | 1,38 |
| **1 800** | 8,70 | 10,12 | 11,54 | 12,94 | 14,32 | 15,70 | 17,07 | 18,69 | 20,30 | 21,89 | 23,72 | 27,57 | 31,91 | 0,17 | 0,75 | 1,24 | 1,46 |
| **1 900** | 9,07 | 10,56 | 12,04 | 13,51 | 14,96 | 16,40 | 17,83 | 19,53 | 21,20 | 22,86 | 24,77 | 28,77 | 33,28 | 0,18 | 0,79 | 1,31 | 1,54 |
| **2 000** | 9,43 | 10,99 | 12,54 | 14,07 | 15,59 | 17,09 | 18,58 | 20,34 | 22,09 | 23,81 | 25,80 | 29,95 | 34,60 | 0,19 | 0,83 | 1,37 | 1,62 |
| **2 100** | 9,79 | 11,41 | 13,02 | 14,62 | 16,20 | 17,76 | 19,31 | 21,14 | 22,95 | 24,74 | 26,80 | 31,09 | 35,88 | 0,20 | 0,87 | 1,44 | 1,70 |
| **2 200** | 10,13 | 11,82 | 13,50 | 15,16 | 16,80 | 18,42 | 20,02 | 21,92 | 23,80 | 25,65 | 27,77 | 32,19 | 37,11 | 0,21 | 0,91 | 1,51 | 1,78 |
| **2 300** | 10,47 | 12,23 | 13,96 | 15,68 | 17,38 | 19,06 | 20,72 | 22,69 | 24,62 | 26,53 | 28,72 | 33,26 | 38,30 | 0,22 | 0,95 | 1,58 | 1,86 |
| **2 400** | 10,80 | 12,62 | 14,42 | 16,20 | 17,96 | 19,69 | 21,41 | 23,43 | 25,43 | 27,39 | 29,64 | 34,30 | 39,44 | 0,22 | 0,99 | 1,65 | 1,94 |
| **2 500** | 11,13 | 13,01 | 14,87 | 16,70 | 18,52 | 20,31 | 22,07 | 24,16 | 26,21 | 28,23 | 30,53 | 35,29 | 40,52 | 0,23 | 1,04 | 1,72 | 2,03 |
| **2 600** | 11,44 | 13,38 | 15,30 | 17,19 | 19,06 | 20,91 | 22,72 | 24,87 | 26,97 | 29,04 | 31,40 | 36,25 | – | 0,24 | 1,08 | 1,79 | 2,11 |
| **2 700** | 11,75 | 13,75 | 15,73 | 17,67 | 19,60 | 21,49 | 23,36 | 25,56 | 27,71 | 29,83 | 32,23 | 37,18 | – | 0,25 | 1,12 | 1,86 | 2,19 |
| **2 800** | 12,05 | 14,11 | 16,14 | 18,14 | 20,12 | 22,06 | 23,97 | 26,22 | 28,43 | 30,59 | 33,04 | 38,06 | – | 0,26 | 1,16 | 1,92 | 2,27 |
| **2 880** | 12,28 | 14,39 | 16,46 | 18,51 | 20,52 | 22,50 | 24,45 | 26,74 | 28,99 | 31,18 | 33,66 | – | – | 0,27 | 1,19 | 1,98 | 2,33 |
| **2 900** | 12,34 | 14,46 | 16,54 | 18,60 | 20,62 | 22,61 | 24,57 | 26,87 | 29,12 | 31,32 | 33,82 | – | – | 0,27 | 1,20 | 1,99 | 2,35 |
| **3 000** | 12,62 | 14,80 | 16,94 | 19,05 | 21,12 | 23,15 | 25,15 | 27,50 | 29,79 | 32,03 | 34,56 | – | – | 0,28 | 1,24 | 2,06 | 2,43 |
| **3 100** | 12,90 | 15,13 | 17,32 | 19,48 | 21,60 | 23,67 | 25,71 | 28,11 | 30,44 | 32,71 | 35,27 | – | – | 0,29 | 1,29 | 2,13 | 2,51 |
| **3 200** | 13,17 | 15,45 | 17,69 | 19,90 | 22,06 | 24,18 | 26,26 | 28,69 | 31,06 | 33,36 | – | – | – | 0,30 | 1,33 | 2,20 | 2,59 |
| **3 300** | 13,43 | 15,76 | 18,05 | 20,30 | 22,51 | 24,67 | 26,78 | 29,26 | 31,66 | 33,99 | – | – | – | 0,31 | 1,37 | 2,27 | 2,67 |
| **3 400** | 13,68 | 16,06 | 18,40 | 20,70 | 22,95 | 25,14 | 27,29 | 29,80 | 32,23 | – | – | – | – | 0,32 | 1,41 | 2,34 | 2,75 |
| **3 500** | 13,92 | 16,36 | 18,74 | 21,08 | 23,37 | 25,60 | 27,78 | 30,32 | 32,78 | – | – | – | – | 0,33 | 1,45 | 2,41 | 2,84 |
| **3 600** | 14,15 | 16,64 | 19,07 | 21,45 | 23,77 | 26,04 | 28,25 | 30,82 | – | – | – | – | – | 0,34 | 1,49 | 2,47 | 2,92 |
| **3 700** | 14,38 | 16,91 | 19,39 | 21,80 | 24,16 | 26,46 | 28,69 | 31,29 | – | – | – | – | – | 0,35 | 1,53 | 2,54 | 3,00 |
| **3 800** | 14,60 | 17,17 | 19,69 | 22,14 | 24,54 | 26,86 | 29,12 | – | – | – | – | – | – | 0,36 | 1,58 | 2,61 | 3,08 |
| **3 900** | 14,81 | 17,43 | 19,98 | 22,47 | 24,89 | 27,25 | 29,53 | – | – | – | – | – | – | 0,37 | 1,62 | 2,68 | 3,16 |
| **4 000** | 15,01 | 17,67 | 20,26 | 22,79 | 25,24 | 27,61 | – | – | – | – | – | – | – | 0,37 | 1,66 | 2,75 | 3,24 |
| **4 100** | 15,20 | 17,90 | 20,53 | 23,08 | 25,56 | 27,96 | – | – | – | – | – | – | – | 0,38 | 1,70 | 2,82 | 3,32 |
| **4 200** | 15,38 | 18,12 | 20,78 | 23,37 | 25,87 | – | – | – | – | – | – | – | – | 0,39 | 1,74 | 2,89 | 3,40 |
| **4 300** | 15,55 | 18,33 | 21,03 | 23,64 | 26,16 | – | – | – | – | – | – | – | – | 0,40 | 1,78 | 2,95 | 3,48 |
| **4 400** | 15,72 | 18,53 | 21,26 | 23,89 | – | – | – | – | – | – | – | – | – | 0,41 | 1,82 | 3,02 | 3,57 |
| **4 500** | 15,87 | 18,72 | 21,47 | 24,13 | – | – | – | – | – | – | – | – | – | 0,42 | 1,87 | 3,09 | 3,65 |
| **4 600** | 16,02 | 18,90 | 21,68 | 24,36 | – | – | – | – | – | – | – | – | – | 0,43 | 1,91 | 3,16 | 3,73 |
| **4 700** | 16,15 | 19,06 | 21,87 | – | – | – | – | – | – | – | – | – | – | 0,44 | 1,95 | 3,23 | 3,81 |
| **4 800** | 16,28 | 19,22 | 22,04 | – | – | – | – | – | – | – | – | – | – | 0,45 | 1,99 | 3,30 | 3,89 |
| **4 900** | 16,39 | 19,36 | – | – | – | – | – | – | – | – | – | – | – | 0,46 | 2,03 | 3,37 | 3,97 |
| **5 000** | 16,50 | 19,49 | – | – | – | – | – | – | – | – | – | – | – | 0,47 | 2,07 | 3,44 | 4,05 |
| **5 100** | 16,60 | 19,61 | – | – | – | – | – | – | – | – | – | – | – | 0,48 | 2,11 | 3,50 | 4,13 |
| **5 200** | 16,68 | 19,71 | – | – | – | – | – | – | – | – | – | – | – | 0,49 | 2,16 | 3,57 | 4,21 |
| **5 300** | 16,76 | – | – | – | – | – | – | – | – | – | – | – | – | 0,50 | 2,20 | 3,64 | 4,29 |
| **5 400** | 16,82 | – | – | – | – | – | – | – | – | – | – | – | – | 0,51 | 2,24 | 3,71 | 4,38 |
| **5 500** | 16,88 | – | – | – | – | – | – | – | – | – | – | – | – | 0,51 | 2,28 | 3,78 | 4,46 |

Table 9v

| Faster shaft speed | Rated power per belt for small pulley datum diameter [mm] | | | | | | | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 224 | 236 | 250 | 265 | 280 | 300 | 315 | 335 | 355 | 375 | 400 | 425 | 450 | 475 | 500 | 530 | 560 | 1,00 to 1,05 | 1,06 to 1,24 | 1,25 to 1,59 | > 1,59 |
| r/min | kW | | | | | | | | | | | | | | | | | kW | | | |
| **100** | 2,21 | 2,42 | 2,67 | 2,94 | 3,20 | 3,55 | 3,81 | 4,15 | 4,50 | 4,84 | 5,27 | 5,69 | 6,12 | 6,54 | 6,96 | 7,46 | 7,96 | 0,03 | 0,12 | 0,22 | 0,28 |
| **200** | 4,01 | 4,42 | 4,89 | 5,39 | 5,89 | 6,55 | 7,04 | 7,70 | 8,35 | 9,00 | 9,81 | 10,62 | 11,42 | 12,22 | 13,01 | 13,96 | 14,91 | 0,05 | 0,25 | 0,44 | 0,55 |
| **300** | 5,65 | 6,24 | 6,92 | 7,65 | 8,38 | 9,34 | 10,06 | 11,01 | 11,96 | 12,90 | 14,07 | 15,24 | 16,40 | 17,55 | 18,70 | 20,07 | 21,43 | 0,08 | 0,37 | 0,66 | 0,83 |
| **400** | 7,19 | 7,96 | 8,85 | 9,79 | 10,73 | 11,98 | 12,92 | 14,15 | 15,38 | 16,61 | 18,13 | 19,64 | 21,14 | 22,63 | 24,11 | 25,88 | 27,64 | 0,11 | 0,49 | 0,88 | 1,10 |
| **500** | 8,65 | 9,59 | 10,67 | 11,83 | 12,99 | 14,52 | 15,66 | 17,17 | 18,67 | 20,16 | 22,02 | 23,86 | 25,68 | 27,50 | 29,30 | 31,44 | 33,57 | 0,13 | 0,62 | 1,09 | 1,38 |
| **600** | 10,04 | 11,14 | 12,43 | 13,79 | 15,15 | 16,95 | 18,29 | 20,07 | 21,83 | 23,59 | 25,76 | 27,92 | 30,05 | 32,17 | 34,28 | 36,78 | 39,25 | 0,16 | 0,74 | 1,31 | 1,65 |
| **700** | 11,37 | 12,64 | 14,11 | 15,68 | 17,24 | 19,30 | 20,83 | 22,87 | 24,89 | 26,89 | 29,37 | 31,82 | 34,26 | 36,66 | 39,05 | 41,88 | 44,67 | 0,19 | 0,86 | 1,53 | 1,93 |
| **720** | 11,63 | 12,93 | 14,44 | 16,05 | 17,64 | 19,76 | 21,33 | 23,42 | 25,48 | 27,53 | 30,07 | 32,59 | 35,08 | 37,54 | 39,98 | 42,87 | 45,72 | 0,19 | 0,89 | 1,58 | 1,98 |
| **800** | 12,65 | 14,07 | 15,73 | 17,50 | 19,25 | 21,56 | 23,29 | 25,57 | 27,83 | 30,07 | 32,84 | 35,58 | 38,29 | 40,97 | 43,61 | 46,74 | 49,83 | 0,21 | 0,98 | 1,75 | 2,20 |
| **900** | 13,87 | 15,46 | 17,30 | 19,25 | 21,19 | 23,75 | 25,66 | 28,17 | 30,67 | 33,13 | 36,18 | 39,19 | 42,15 | 45,08 | 47,96 | 51,37 | 54,71 | 0,24 | 1,11 | 1,97 | 2,48 |
| **960** | 14,59 | 16,26 | 18,21 | 20,27 | 22,32 | 25,03 | 27,04 | 29,69 | 32,32 | 34,92 | 38,12 | 41,28 | 44,39 | 47,46 | 50,47 | 54,02 | 57,50 | 0,26 | 1,18 | 2,10 | 2,64 |
| **1 000** | 15,05 | 16,79 | 18,80 | 20,94 | 23,06 | 25,86 | 27,94 | 30,69 | 33,40 | 36,08 | 39,39 | 42,64 | 45,85 | 49,00 | 52,10 | 55,74 | 59,31 | 0,27 | 1,23 | 2,19 | 2,75 |
| **1 100** | 16,19 | 18,07 | 20,25 | 22,57 | 24,87 | 27,90 | 30,14 | 33,10 | 36,02 | 38,91 | 42,46 | 45,94 | 49,36 | 52,72 | 56,00 | 59,86 | 63,61 | 0,29 | 1,35 | 2,41 | 3,03 |
| **1 200** | 17,28 | 19,31 | 21,65 | 24,14 | 26,61 | 29,85 | 32,26 | 35,42 | 38,54 | 41,61 | 45,38 | 49,08 | 52,69 | 56,22 | 59,67 | 63,69 | 67,59 | 0,32 | 1,48 | 2,63 | 3,30 |
| **1 300** | 18,32 | 20,49 | 23,00 | 25,66 | 28,28 | 31,74 | 34,29 | 37,65 | 40,95 | 44,19 | 48,17 | 52,05 | 55,83 | 59,51 | 63,09 | 67,24 | 71,23 | 0,35 | 1,60 | 2,85 | 3,58 |
| **1 400** | 19,33 | 21,63 | 24,29 | 27,11 | 29,89 | 33,54 | 36,24 | 39,77 | 43,24 | 46,65 | 50,80 | 54,84 | 58,76 | 62,57 | 66,24 | 70,48 | 74,53 | 0,37 | 1,72 | 3,06 | 3,85 |
| **1 440** | 19,72 | 22,07 | 24,79 | 27,67 | 30,51 | 34,24 | 36,99 | 40,60 | 44,13 | 47,59 | 51,81 | 55,91 | 59,88 | 63,72 | 67,43 | 71,69 | 75,75 | 0,38 | 1,77 | 3,15 | 3,96 |
| **1 500** | 20,29 | 22,72 | 25,53 | 28,50 | 31,42 | 35,26 | 38,09 | 41,80 | 45,42 | 48,97 | 53,28 | 57,45 | 61,49 | 65,38 | 69,12 | 73,40 | – | 0,40 | 1,85 | 3,28 | 4,13 |
| **1 600** | 21,20 | 23,76 | 26,71 | 29,83 | 32,89 | 36,91 | 39,86 | 43,71 | 47,48 | 51,15 | 55,59 | 59,88 | 64,00 | 67,94 | 71,71 | – | – | 0,43 | 1,97 | 3,50 | 4,40 |
| **1 700** | 22,08 | 24,76 | 27,84 | 31,09 | 34,29 | 38,47 | 41,53 | 45,52 | 49,41 | 53,18 | 57,74 | 62,10 | 66,28 | – | – | – | – | 0,45 | 2,09 | 3,72 | 4,68 |
| **1 800** | 22,90 | 25,70 | 28,91 | 32,29 | 35,61 | 39,94 | 43,11 | 47,22 | 51,21 | 55,07 | 59,71 | 64,13 | – | – | – | – | – | 0,48 | 2,22 | 3,94 | 4,95 |
| **1 900** | 23,69 | 26,59 | 29,93 | 33,43 | 36,86 | 41,32 | 44,58 | 48,80 | 52,88 | 56,81 | 61,50 | – | – | – | – | – | – | 0,51 | 2,34 | 4,16 | 5,23 |
| **2 000** | 24,42 | 27,43 | 30,88 | 34,50 | 38,04 | 42,62 | 45,96 | 50,27 | 54,41 | 58,38 | 63,10 | – | – | – | – | – | – | 0,53 | 2,46 | 4,38 | 5,50 |
| **2 100** | 25,12 | 28,22 | 31,78 | 35,50 | 39,13 | 43,82 | 47,23 | 51,61 | 55,80 | 59,79 | – | – | – | – | – | – | – | 0,56 | 2,58 | 4,60 | 5,78 |
| **2 200** | 25,76 | 28,96 | 32,61 | 36,43 | 40,14 | 44,93 | 48,39 | 52,82 | 57,04 | – | – | – | – | – | – | – | – | 0,59 | 2,71 | 4,82 | 6,05 |
| **2 300** | 26,35 | 29,64 | 33,38 | 37,29 | 41,07 | 45,93 | 49,43 | 53,90 | – | – | – | – | – | – | – | – | – | 0,61 | 2,83 | 5,03 | 6,33 |
| **2 400** | 26,90 | 30,27 | 34,09 | 38,07 | 41,92 | 46,84 | 50,37 | – | – | – | – | – | – | – | – | – | – | 0,64 | 2,95 | 5,25 | 6,60 |
| **2 500** | 27,40 | 30,83 | 34,73 | 38,78 | 42,68 | 47,64 | 51,18 | – | – | – | – | – | – | – | – | – | – | 0,66 | 3,08 | 5,47 | 6,88 |
| **2 600** | 27,84 | 31,34 | 35,31 | 39,41 | 43,34 | 48,33 | – | – | – | – | – | – | – | – | – | – | – | 0,69 | 3,20 | 5,69 | 7,15 |
| **2 700** | 28,23 | 31,79 | 35,81 | 39,96 | 43,92 | – | – | – | – | – | – | – | – | – | – | – | – | 0,72 | 3,32 | 5,91 | 7,43 |
| **2 800** | 28,57 | 32,18 | 36,25 | 40,42 | 44,40 | – | – | – | – | – | – | – | – | – | – | – | – | 0,74 | 3,45 | 6,13 | 7,71 |
| **2 900** | 28,85 | 32,51 | 36,61 | 40,80 | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,77 | 3,57 | 6,35 | 7,98 |
| **3 000** | 29,08 | 32,77 | 36,90 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,80 | 3,69 | 6,57 | 8,26 |
| **3 100** | 29,25 | 32,97 | 37,11 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,82 | 3,82 | 6,79 | 8,53 |
| **3 200** | 29,36 | 33,09 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,85 | 3,94 | 7,01 | 8,81 |
| **3 300** | 29,41 | 33,15 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0,88 | 4,06 | 7,22 | 9,08 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

Table 9w

| Faster shaft speed | Rated power per belt for small pulley pitch diameter | | | | | | | | | | | Additional power per belt for speed ratio | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [in.] | 12.50 | 13.20 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.20 | 22.40 | 1,00 to | 1,06 to | 1,25 to | > 1,59 |
| | [mm] | 318 | 335 | 356 | 381 | 406 | 432 | 457 | 483 | 508 | 538 | 569 | 1,05 | 1,24 | 1,59 | |
| r/min | – | kW | | | | | | | | | | | kW | | | |
| **435** | | 17,03 | 18,74 | 20,68 | 23,09 | 25,48 | 27,85 | 30,20 | 32,53 | 34,84 | 37,59 | 40,31 | 0,19 | 0,85 | 1,47 | 1,79 |
| **485** | | 18,69 | 20,57 | 22,71 | 25,36 | 27,98 | 30,59 | 33,16 | 35,72 | 38,25 | 41,25 | 44,21 | 0,21 | 0,95 | 1,64 | 1,99 |
| **575** | | 21,57 | 23,76 | 26,23 | 29,30 | 32,33 | 35,32 | 38,28 | 41,21 | 44,10 | 47,52 | 50,88 | 0,25 | 1,13 | 1,94 | 2,36 |
| **690** | | 25,07 | 27,61 | 30,50 | 34,05 | 37,56 | 41,01 | 44,41 | 47,76 | 51,05 | 54,92 | 58,70 | 0,30 | 1,35 | 2,33 | 2,83 |
| **725** | | 26,09 | 28,74 | 31,74 | 35,44 | 39,08 | 42,66 | 46,18 | 49,64 | 53,04 | 57,03 | 60,91 | 0,31 | 1,42 | 2,45 | 2,98 |
| **870** | | 30,10 | 33,17 | 36,62 | 40,85 | 44,99 | 49,04 | 53,00 | 56,85 | 60,60 | 64,97 | 69,17 | 0,38 | 1,71 | 2,94 | 3,57 |
| **950** | | 32,17 | 35,43 | 39,11 | 43,60 | 47,98 | 52,24 | 56,38 | 60,39 | 64,28 | 68,76 | 73,04 | 0,41 | 1,86 | 3,21 | 3,90 |
| **1 160** | | 37,03 | 40,76 | 44,91 | 49,93 | 54,77 | 59,41 | 63,84 | 68,05 | 72,03 | 76,50 | 80,62 | 0,50 | 2,28 | 3,91 | 4,76 |
| **1 425** | | 41,93 | 46,04 | 50,55 | 55,91 | 60,94 | 65,61 | 69,91 | 73,83 | 77,35 | 81,00 | 84,01 | 0,62 | 2,80 | 4,81 | 5,85 |
| **1 750** | | 45,76 | 49,99 | 54,51 | 59,66 | 64,20 | 68,12 | 71,38 | – | – | – | – | 0,76 | 3,44 | 5,91 | 7,19 |
| **50** | | 2,49 | 2,72 | 2,98 | 3,31 | 3,63 | 3,95 | 4,27 | 4,59 | 4,91 | 5,29 | 5,67 | 0,02 | 0,10 | 0,17 | 0,21 |
| **100** | | 4,65 | 5,09 | 5,59 | 6,21 | 6,83 | 7,45 | 8,07 | 8,68 | 9,29 | 10,02 | 10,75 | 0,04 | 0,20 | 0,34 | 0,41 |
| **150** | | 6,69 | 7,33 | 8,06 | 8,97 | 9,87 | 10,77 | 11,67 | 12,56 | 13,45 | 14,52 | 15,58 | 0,06 | 0,29 | 0,51 | 0,62 |
| **200** | | 8,63 | 9,47 | 10,43 | 11,62 | 12,80 | 13,97 | 15,14 | 16,31 | 17,47 | 18,86 | 20,24 | 0,09 | 0,39 | 0,67 | 0,82 |
| **250** | | 10,52 | 11,55 | 12,72 | 14,18 | 15,63 | 17,08 | 18,51 | 19,94 | 21,37 | 23,06 | 24,75 | 0,11 | 0,49 | 0,84 | 1,03 |
| **300** | | 12,34 | 13,56 | 14,95 | 16,67 | 18,39 | 20,09 | 21,79 | 23,47 | 25,15 | 27,15 | 29,13 | 0,13 | 0,59 | 1,01 | 1,23 |
| **350** | | 14,12 | 15,52 | 17,12 | 19,10 | 21,07 | 23,03 | 24,97 | 26,91 | 28,83 | 31,11 | 33,38 | 0,15 | 0,69 | 1,18 | 1,44 |
| **400** | | 15,85 | 17,43 | 19,23 | 21,47 | 23,69 | 25,89 | 28,08 | 30,25 | 32,40 | 34,97 | 37,51 | 0,17 | 0,79 | 1,35 | 1,64 |
| **450** | | 17,53 | 19,29 | 21,30 | 23,78 | 26,24 | 28,68 | 31,10 | 33,50 | 35,88 | 38,70 | 41,50 | 0,19 | 0,88 | 1,52 | 1,85 |
| **500** | | 19,18 | 21,11 | 23,31 | 26,03 | 28,72 | 31,39 | 34,04 | 36,65 | 39,25 | 42,32 | 45,36 | 0,22 | 0,98 | 1,69 | 2,05 |
| **550** | | 20,78 | 22,89 | 25,27 | 28,22 | 31,14 | 34,03 | 36,89 | 39,72 | 42,51 | 45,82 | 49,08 | 0,24 | 1,08 | 1,86 | 2,26 |
| **600** | | 22,35 | 24,61 | 27,18 | 30,36 | 33,50 | 36,60 | 39,66 | 42,68 | 45,66 | 49,19 | 52,65 | 0,26 | 1,18 | 2,02 | 2,46 |
| **650** | | 23,87 | 26,30 | 29,04 | 32,43 | 35,78 | 39,08 | 42,34 | 45,54 | 48,70 | 52,43 | 56,08 | 0,28 | 1,28 | 2,19 | 2,67 |
| **700** | | 25,36 | 27,94 | 30,85 | 34,45 | 38,00 | 41,49 | 44,92 | 48,30 | 51,62 | 55,53 | 59,34 | 0,30 | 1,37 | 2,36 | 2,88 |
| **750** | | 26,80 | 29,53 | 32,61 | 36,41 | 40,14 | 43,81 | 47,42 | 50,95 | 54,42 | 58,49 | 62,44 | 0,32 | 1,47 | 2,53 | 3,08 |
| **800** | | 28,21 | 31,08 | 34,32 | 38,30 | 42,22 | 46,05 | 49,81 | 53,49 | 57,09 | 61,30 | 65,37 | 0,35 | 1,57 | 2,70 | 3,29 |
| **850** | | 29,57 | 32,58 | 35,97 | 40,13 | 44,21 | 48,21 | 52,11 | 55,92 | 59,63 | 63,95 | 68,12 | 0,37 | 1,67 | 2,87 | 3,49 |
| **900** | | 30,89 | 34,03 | 37,57 | 41,90 | 46,13 | 50,27 | 54,30 | 58,22 | 62,03 | 66,44 | 70,68 | 0,39 | 1,77 | 3,04 | 3,70 |
| **950** | | 32,17 | 35,43 | 39,11 | 43,60 | 47,98 | 52,24 | 56,38 | 60,39 | 64,28 | 68,76 | 73,04 | 0,41 | 1,86 | 3,21 | 3,90 |
| **1 000** | | 33,40 | 36,79 | 40,59 | 45,22 | 49,73 | 54,11 | 58,35 | 62,44 | 66,38 | 70,91 | 75,20 | 0,43 | 1,96 | 3,37 | 4,11 |
| **1 050** | | 34,59 | 38,09 | 42,01 | 46,78 | 51,41 | 55,88 | 60,20 | 64,35 | 68,33 | 72,87 | 77,14 | 0,45 | 2,06 | 3,54 | 4,31 |
| **1 100** | | 35,73 | 39,33 | 43,36 | 48,26 | 52,99 | 57,55 | 61,93 | 66,12 | 70,11 | 74,64 | 78,86 | 0,48 | 2,16 | 3,71 | 4,52 |
| **1 150** | | 36,82 | 40,53 | 44,66 | 49,66 | 54,48 | 59,11 | 63,53 | 67,74 | 71,73 | 76,21 | 80,35 | 0,50 | 2,26 | 3,88 | 4,72 |
| **1 200** | | 37,86 | 41,66 | 45,89 | 50,99 | 55,88 | 60,56 | 65,01 | 69,21 | 73,17 | 77,58 | 81,60 | 0,52 | 2,36 | 4,05 | 4,93 |
| **1 250** | | 38,86 | 42,74 | 47,05 | 52,23 | 57,18 | 61,89 | 66,35 | 70,53 | 74,44 | 78,74 | 82,60 | 0,54 | 2,45 | 4,22 | 5,13 |
| **1 300** | | 39,80 | 43,76 | 48,14 | 53,39 | 58,39 | 63,11 | 67,55 | 71,69 | 75,51 | 79,67 | 83,34 | 0,56 | 2,55 | 4,39 | 5,34 |
| **1 350** | | 40,69 | 44,72 | 49,16 | 54,47 | 59,49 | 64,20 | 68,61 | 72,67 | 76,40 | 80,38 | 83,82 | 0,58 | 2,65 | 4,56 | 5,55 |
| **1 400** | | 41,53 | 45,61 | 50,11 | 55,45 | 60,48 | 65,17 | 69,52 | 73,49 | 77,08 | 80,85 | 84,02 | 0,61 | 2,75 | 4,72 | 5,75 |
| **1 450** | | 42,31 | 46,44 | 50,98 | 56,35 | 61,36 | 66,01 | 70,28 | 74,13 | 77,56 | 81,08 | – | 0,63 | 2,85 | 4,89 | 5,96 |
| **1 500** | | 43,03 | 47,21 | 51,77 | 57,15 | 62,14 | 66,72 | 70,88 | 74,59 | 77,83 | – | – | 0,65 | 2,94 | 5,06 | 6,16 |
| **1 550** | | 43,70 | 47,91 | 52,49 | 57,85 | 62,79 | 67,29 | 71,32 | 74,85 | 77,87 | – | – | 0,67 | 3,04 | 5,23 | 6,37 |
| **1 600** | | 44,31 | 48,54 | 53,12 | 58,46 | 63,33 | 67,72 | 71,59 | 74,93 | – | – | – | 0,69 | 3,14 | 5,40 | 6,57 |
| **1 650** | | 44,85 | 49,10 | 53,67 | 58,96 | 63,75 | 68,00 | 71,70 | – | – | – | – | 0,71 | 3,24 | 5,57 | 6,78 |
| **1 700** | | 45,34 | 49,58 | 54,14 | 59,36 | 64,04 | 68,14 | – | – | – | – | – | 0,74 | 3,34 | 5,74 | 6,98 |
| **1 750** | | 45,76 | 49,99 | 54,51 | 59,66 | 64,20 | – | – | – | – | – | – | 0,76 | 3,44 | 5,91 | 7,19 |
| **1 800** | | 46,11 | 50,33 | 54,80 | 59,84 | 64,23 | – | – | – | – | – | – | 0,78 | 3,53 | 6,07 | 7,39 |
| **1 850** | | 46,40 | 50,58 | 54,99 | 59,91 | – | – | – | – | – | – | – | 0,80 | 3,63 | 6,24 | 7,60 |
| **1 900** | | 46,62 | 50,76 | 55,09 | – | – | – | – | – | – | – | – | 0,82 | 3,73 | 6,41 | 7,80 |
| **1 950** | | 46,76 | 50,86 | 55,10 | – | – | – | – | – | – | – | – | 0,84 | 3,83 | 6,58 | 8,01 |
| **2 000** | | 46,84 | 50,87 | – | – | – | – | – | – | – | – | – | 0,87 | 3,93 | 6,75 | 8,21 |
| **2 050** | | 46,85 | – | – | – | – | – | – | – | – | – | – | 0,89 | 4,02 | 6,92 | 8,42 |

For speeds exceeding 33 m/s, SKF recommends using dynamically balanced pulleys made of steel.

# Minimum installation and take-up allowances

**Table 10a**

## Single V-belts

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting Z ZX | A AX | B BX | C CX | D | XPZ 3VX SPZ SPZ-XP 3V 3V-XP | XPA SPA SPA-XP | XPB 5VX SPB SPB-XP 5V 5V-XP | XPC SPC SPC-XP | 8V 8V-XP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| – | mm | | mm | | | | | | | | |
| **400–1 199** | 25 | 15 | 20 | 25 | 40 | – | 15 | 20 | – | – | – |
| **1 200–2 099** | 35 | 20 | 20 | 30 | 40 | 50 | 20 | 25 | 25 | – | – |
| **2 100–2 799** | 40 | 20 | 25 | 30 | 40 | 50 | 20 | 25 | 25 | 35 | 40 |
| **2 800–3 399** | 45 | – | 25 | 30 | 40 | 50 | 20 | 25 | 25 | 35 | 40 |
| **3 400–4 399** | 55 | – | 25 | 30 | 50 | 55 | 20 | 25 | 25 | 35 | 40 |
| **4 400–5 399** | 65 | – | 25 | 40 | 50 | 60 | – | 25 | 25 | 35 | 45 |
| **5 400–6 399** | 85 | – | 25 | 40 | 50 | 60 | – | – | 35 | 40 | 45 |
| **6 400–7 799** | 95 | – | – | 40 | 50 | 65 | – | – | 35 | 40 | 45 |
| **7 800–9 999** | 110 | – | – | 40 | 50 | 65 | – | – | 35 | 40 | 50 |
| **10 000–** | 130 | – | – | 40 | 50 | 65 | – | – | 45 | 50 | 50 |

**Table 10b**

## Banded belts

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting A | B | C | D | 3V | SPB 5V | SPC | 8V |
|---|---|---|---|---|---|---|---|---|---|
| mm | mm | mm | | | | | | | |
| **400–1 199** | 25 | 30 | 35 | 50 | – | 20 | – | – | – |
| **1 200–2 099** | 35 | 30 | 40 | 50 | 60 | 25 | 40 | – | – |
| **2 100–2 799** | 40 | 35 | 40 | 50 | 60 | 25 | 40 | 50 | 85 |
| **2 800–3 399** | 45 | 35 | 40 | 50 | 60 | 25 | 40 | 50 | 85 |
| **3 400–4 399** | 55 | 35 | 40 | 60 | 65 | 25 | 40 | 60 | 85 |
| **4 400–5 399** | 65 | 35 | 50 | 60 | 70 | – | 50 | 60 | 90 |
| **5 400–6 399** | 85 | 35 | 50 | 60 | 70 | – | 50 | 60 | 90 |
| **6 400–7 799** | 95 | – | 50 | 60 | 75 | – | 50 | 60 | 90 |
| **7 800–9 999** | 110 | – | 50 | 60 | 75 | – | 50 | 60 | 90 |
| **10 000–** | 130 | – | 50 | 60 | 75 | – | 50 | 60 | 100 |

# Tensioning methods

## Tensioning with the SKF belt tension tester

These testers provide a simple way to determine belt tension.

It is very useful in cases where no technical drive data is known which makes it impossible to calculate the appropriate tension. **Table 11** gives general tensioning values for a particular belt cross section in relation to the pulley diameter.

There are three testers (gauges) that cover most of the V-belt range:
Gauge 1 – range: 15–70 kg
Gauge 2 – range: 50–150 kg
Gauge 3 – range: 150–300 kg

### Instructions

1. Select the appropriate tester from **table 11**.
2. With the indicator arm down, place the tester parallel to the side of one belt along the mid section of the span length.
3. Holding the rubber finger loop, press down on the belt.
4. Stop when you feel and hear the "click".
5. Remove tester and read the belt tension by observing the point where the top surface of the indicator arm crosses the numbered scale on the tester body (→ **fig. 1**).

**Table 11**

**Metric dimension**

| Section | Wrapped belt tension Initial new belt | Run in used belt | Smallest pulley diameter | Section | Cogged belt tension Initial new belt | Run in used belt |
|---|---|---|---|---|---|---|
| – | kg | | mm | – | kg | |
| **A** | 15 | 11 | ≤80 | **AX** | 20 | 15 |
| | 20 | 15 | 80–100 | | 25 | 20 |
| | 31 | 25 | 101–132 | | 41 | 31 |
| **B** | 31 | 25 | ≤125 | **BX** | 46 | 36 |
| | 41 | 31 | 126–160 | | 51 | 41 |
| | 51 | 41 | 161–200 | | 61 | 46 |
| **C** | 71 | 51 | ≤200 | **CX** | 82 | 61 |
| | 82 | 61 | 201–250 | | 92 | 71 |
| | 92 | 71 | 251–355 | | 102 | 82 |
| **SPZ, 3V** | 20 | 15 | ≤71 | **XPZ, 3VX** | 25 | 20 |
| | 25 | 20 | 72–90 | | 31 | 25 |
| | 36 | 25 | 91–125 | | 41 | 31 |
| **SPA** | 36 | 25 | ≤100 | **XPA** | 41 | 31 |
| | 41 | 31 | 101–140 | | 51 | 41 |
| | 51 | 41 | 141–200 | | 61 | 46 |
| **SPB, 5V** | 66 | 51 | ≤160 | **XPB, 5VX** | 71 | 56 |
| | 71 | 56 | 161–224 | | 87 | 66 |
| | 92 | 71 | 225–355 | | 102 | 82 |
| **SPC** | 102 | 82 | ≤250 | **XPC** | 143 | 112 |
| | 143 | 112 | 251–355 | | 163 | 122 |
| | 183 | 143 | 356–560 | | 194 | 153 |
| **SPZ-XP, 3V-XP** | 22 | 17 | ≤ 71 | | | |
| | 28 | 22 | 72 – 90 | | | |
| | 40 | 28 | 91 – 125 | | | |
| **SPA-XP** | 40 | 28 | ≤ 100 | | | |
| | 45 | 34 | 101 - 140 | | | |
| | 56 | 45 | 141 - 200 | | | |
| **SPB-XP, 5V-XP** | 73 | 56 | ≤ 160 | | | |
| | 78 | 62 | 161 – 224 | | | |
| | 101 | 78 | 225 – 355 | | | |
| **SPC-XP** | 112 | 90 | ≤ 250 | | | |
| | 157 | 123 | 251 - 355 | | | |
| | 201 | 157 | 356 - 560 | | | |

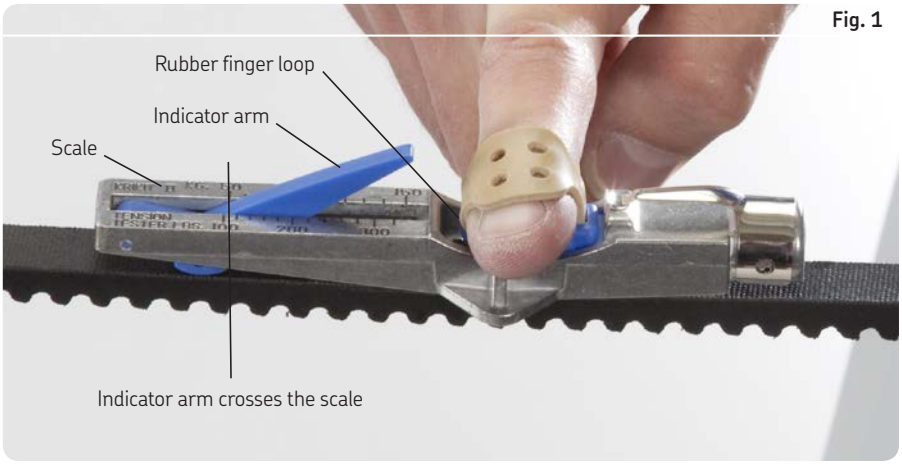



**Fig. 1**

Fig. 2

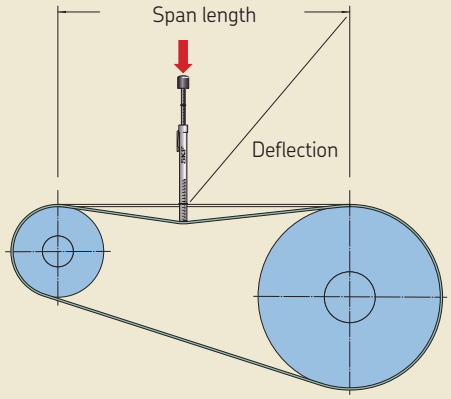



Fig. 3

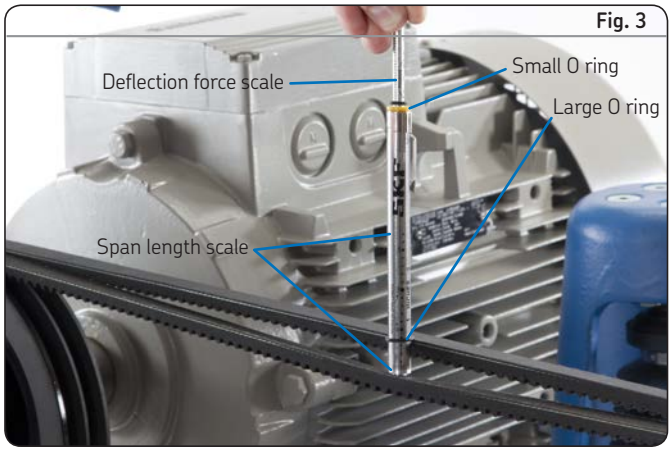



Table 12

## Tension values

| Section | Smallest pulley diameter | Speed range | Belt deflection force | | | |
|---|---|---|---|---|---|---|
| | | | Un–cogged belts | | Cogged belts | |
| | | | New belt | Used run-in belt | New belt | Used run-in belt |
| – | mm | r/min | kg | | | |
| **Z, ZX** | 40–60 | 1 000–2 500 | 0,7 | 0,5 | 0,8 | 0,5 |
| | | 2 501–4 000 | 0,8 | 0,5 | 0,9 | 0,6 |
| | 61–over | 1 000–2 500 | 1,1 | 0,8 | 1,3 | 0,9 |
| | | 2 501–4 000 | 1,1 | 0,8 | 1,3 | 0,9 |
| **A, AX** | 75–90 | 1 000–2 500 | 2,1 | 1,4 | 2,4 | 1,6 |
| | | 2 501–4 000 | 1,6 | 1,1 | 2,0 | 1,3 |
| | 91–120 | 1 000–2 500 | 2,6 | 1,7 | 2,9 | 2,0 |
| | | 2 501–4 000 | 2,2 | 1,4 | 2,5 | 1,7 |
| | 121–over | 1 000–2 500 | 3,1 | 2,0 | 3,2 | 2,2 |
| | | 2 501–4 000 | 2,7 | 1,8 | 2,9 | 2,0 |
| **B, BX** | 85–105 | 860–2 500 | – | – | 2,8 | 1,9 |
| | | 2 501–4 000 | – | – | 2,4 | 1,6 |
| | 106–140 | 860–2 500 | 3,1 | 2,0 | 4,1 | 2,7 |
| | | 2 501–4 000 | 2,6 | 1,7 | 3,5 | 2,4 |
| | 141–over | 860–2 500 | 3,7 | 2,5 | 4,8 | 3,3 |
| | | 2 501–4 000 | 3,4 | 2,3 | 4,2 | 2,8 |
| **C,CX** | 175–230 | 500–1 740 | 6,5 | 4,4 | 8,4 | 5,7 |
| | | 1 741–3 000 | 5,4 | 3,7 | 6,7 | 4,6 |
| | 231–over | 500–1 740 | 8,1 | 5,4 | 9,1 | 6,1 |
| | | 1 741–3 000 | 7,1 | 4,8 | 8,3 | 5,6 |
| **D** | 305–400 | 200–850 | 14,3 | 9,6 | – | – |
| | | 851–1 500 | 12,1 | 8,2 | – | – |
| | 401–over | 200–850 | 17,4 | 11,7 | – | – |
| | | 851–1 500 | 14,6 | 9,9 | – | – |
| **SPZ, XPZ** | 56–79 | 1 000–2 500 | 2,3 | 1,5 | 2,3 | 1,6 |
| | | 2 501–4 000 | 1,9 | 1,1 | 1,9 | 1,3 |
| | 80–95 | 1 000–2 500 | 3,1 | 1,7 | 2,9 | 1,9 |
| | | 2 501–4 000 | 2,8 | 1,8 | 2,8 | 1,8 |
| | 96–over | 1 000–2 500 | 3,1 | 2,1 | 3,3 | 2,2 |
| | | 2 501–4 000 | 2,9 | 1,9 | 3,1 | 2,0 |
| **SPA, XPA** | 71–105 | 1 000–2 500 | 3,8 | 2,5 | 4,3 | 2,9 |
| | | 2 501–4 000 | 3,4 | 2,3 | 3,9 | 2,6 |
| | 106–140 | 1 000–2 500 | 4,5 | 3,0 | 5,2 | 3,5 |
| | | 2 501–4 000 | 4,1 | 2,7 | 4,7 | 3,1 |
| | 141–over | 1 000–2 500 | 5,7 | 3,8 | 6,6 | 4,3 |
| | | 2 501–4 000 | 5,7 | 3,8 | 5,9 | 3,9 |
| **SPB, XPB** | 107–159 | 860–2 500 | 6,3 | 4,3 | 7,3 | 4,9 |
| | | 2 501–4 000 | 6,1 | 4,1 | 7,0 | 4,7 |
| | 160–250 | 860–2 500 | 8,2 | 5,5 | 9,4 | 6,2 |
| | | 2 501–4 000 | 7,3 | 4,9 | 8,7 | 5,8 |
| | 251–over | 860–2 500 | 9,7 | 6,5 | 10,4 | 6,9 |
| | | 2 501–4 000 | 8,3 | 5,5 | 9,5 | 6,3 |
| **SPC, XPC** | 200–355 | 500–1 740 | 13,1 | 8,8 | 15,1 | 10,1 |
| | | 1 741–3 000 | 13,3 | 8,9 | 15,3 | 10,1 |
| | 356–over | 500–1 740 | 15,0 | 10,0 | 17,2 | 11,4 |
| | | 1 741–3 000 | 17,4 | 11,6 | 19,9 | 13,3 |
| **3V, 3VX** | 55–60 | 1 000–2 500 | – | – | 1,9 | 1,3 |
| | | 2 501–4 000 | – | – | 1,7 | 1,1 |
| | 61–90 | 1 000–2 500 | 2,0 | 1,4 | 2,4 | 1,6 |
| | | 2 501–4 000 | 1,7 | 1,2 | 2,1 | 1,4 |
| | 91–over | 1 000–2 500 | 2,8 | 1,9 | 3,1 | 2,0 |
| | | 2 501–4 000 | 2,6 | 1,7 | 2,8 | 1,9 |
| **5V, 5VX** | 110–170 | 1 000–2 500 | – | – | 5,9 | 3,9 |
| | | 2 501–4 000 | – | – | 3,3 | 2,1 |
| | 171–275 | 500–1 740 | 7,3 | 4,9 | 8,5 | 5,7 |
| | | 1 741–3 001 | 6,5 | 4,3 | 7,7 | 5,3 |
| | 276–over | 500–1 740 | 9,0 | 6,0 | 9,9 | 6,6 |
| | | 1 741–3 001 | 8,4 | 5,6 | 9,6 | 6,5 |
| **8V** | 315–430 | 200–850 | 19,0 | 12,8 | – | – |
| | | 851–1 500 | 15,4 | 10,4 | – | – |
| | 431–over | 200–850 | 22,8 | 15,3 | – | – |
| | | 851–1 500 | 20,3 | 13,6 | – | – |
| **SPZ–XP** | 56–79 | 1 000–2 500 | 2,7 | 1,8 | – | – |
| | | 2 501–4 000 | 2,3 | 1,4 | – | – |
| | 80–95 | 1 000–2 500 | 3,8 | 2,0 | – | – |
| | | 2 501–4 000 | 3,4 | 2,2 | – | – |
| | 96–over | 1 000–2 500 | 3,8 | 2,5 | – | – |
| | | 2 501–4 000 | 3,5 | 2,3 | – | – |
| **SPA–XP** | 71–105 | 1 000–2 500 | 4,6 | 3,0 | – | – |
| | | 2 501–4 000 | 4,1 | 2,8 | – | – |
| | 106–140 | 1 000–2 500 | 5,5 | 3,7 | – | – |
| | | 2 501–4 000 | 4,9 | 3,3 | – | – |
| | 141–over | 1 000–2 500 | 6,9 | 4,6 | – | – |
| | | 2 501–4 000 | 6,9 | 4,6 | – | – |
| **SPB–XP** | 107–159 | 860–2 500 | 7,7 | 5,1 | – | – |
| | | 2 501–4 000 | 7,4 | 4,9 | – | – |
| | 160–250 | 860–2 500 | 9,9 | 6,6 | – | – |
| | | 2 501–4 000 | 8,8 | 5,9 | – | – |
| | 251–over | 860–2 500 | 11,7 | 7,9 | – | – |
| | | 2 501–4 000 | 10,1 | 6,7 | – | – |
| **SPC–XP** | 200–355 | 500–1 740 | 15,9 | 10,7 | – | – |
| | | 1 741–3 000 | 16,1 | 10,7 | – | – |
| | 356–over | 500–1 740 | 18,1 | 12,1 | – | – |
| | | 1 741–3 000 | 21,0 | 14,0 | – | – |
| **3V–XP** | 55–60 | 1 000–2 500 | | | – | – |
| | | 2 501–4 000 | | | – | – |
| | 61–90 | 1 000–2 500 | 2,4 | 1,6 | – | – |
| | | 2 501–4 000 | 2,1 | 1,4 | – | – |
| | 91–over | 1 000–2 500 | 3,4 | 2,3 | – | – |
| | | 2 501–4 000 | 3,1 | 2,1 | – | – |
| **5V–XP** | 110–170 | 1 000–2 500 | | | – | – |
| | | 2 501–4 000 | | | – | – |
| | 171–275 | 500–1 740 | 8,8 | 6,0 | – | – |
| | | 1 741–3 001 | 7,8 | 5,2 | – | – |
| | 276–over | 500–1 740 | 10,9 | 7,2 | – | – |
| | | 1 741–3 001 | 10,2 | 6,8 | – | – |
| **8V–XP** | 315–430 | 200–850 | 23,0 | 15,4 | – | – |
| | | 851–1 500 | 18,6 | 12,5 | – | – |
| | 431–over | 200–850 | 27,6 | 18,5 | – | – |
| | | 851–1 500 | 22,3 | 15,0 | – | – |

## Tensioning with the SKF pen tester

This gauge is available to determine the deflection force [kg] required to set and maintain V-belt tension.

**Table 12** lists the required force needed to deflect a belt in mid-span relative to pulley diameter and speed.

1 Measure the span length (→ **fig. 2**)
2 Position the bottom of the large O ring on the pen scale at the measured span length (→ **fig. 3**)
3 Set the small O ring on the deflection force scale to zero
4 Place the tension tester squarely on one belt at the centre of the span length (→ **fig. 2**) and apply downward force to the plunger until the bottom of the large O-ring is even with the next belt or with the bottom of a straight edge laid across the pulleys.
5 Remove the tension tester and read the force applied with the values given in the tables. The force should be between the minimum and the maximum shown. The maximum value shown is for new belts, which will allow for anticipated tension loss. Used belts should be maintained at the minimum values indicated in the tables.

**Fig. 4**




## Tensioning with the SKF Belt Frequency Meter

The SKF Belt Frequency Meter is used for checking the tension by means of belt natural frequency measurements (→ **fig. 4**).

Tension measurements are presented in hertz [Hz] or in newton [N], if the drive parameters are entered.

### Advantages

- Precise and repeatable measurements
- Non-contact optical head with LED beam for easy pointing to belt surface
- Easy-to-use
- Wide tension range (10–400 Hz)
- Extremely fast response allows quick tension checks on multiple belt drives

Can be used in two different ways:

**a** Technical data of the drive is not known and therefore the appropriate tension cannot be calculated. In such cases, refer to general tension values recommended for the particular belt in **tables 13** to **15**.
**a** Drive data is known. The tensioning value can be calculated by the drive design program or by a belt tension formula. Simply measure the strand tension in the belt and compare it with the calculated value.

### Instructions

1 Press ON/OFF to switch meter ON.
2 Press button UP or DOWN to select display mode indicated on left side of the display.
3 In case newton [N] mode is selected, then:
   i. Enter belt specific mass [g/m] provided with operating instruction.
   ii. Enter span length [m]
4 Hold the optical head up to the belt span and strum the belt slightly to make it vibrate.
5 Measurement is automatically performed. Read-out is given in herz or in newton depending on selected display mode.

## Wrapped V, wedge and banded belts

| Section | Smallest pulley diameter | Speed range | Belt tension per single belt* | | Mass | |
|---|---|---|---|---|---|---|
| | | | New belt | Used run-in belt | Single belt | Belt in a band** |
| – | mm | r/min | N | | kg/m | |
| **Z** | 40–60 | 1 000–2 500 | 104 | 69 | 0,051 | n/a |
| | | 2 501–4 000 | 121 | 81 | | |
| | 61–over | 1 000–2 500 | 174 | 116 | | |
| | | 2 501–4 000 | 174 | 116 | | |
| **A** | 75–90 | 1 000–2 500 | 332 | 222 | 0,115 | 0,150 |
| | | 2 501–4 000 | 254 | 169 | | |
| | 91–120 | 1 000–2 500 | 391 | 261 | | |
| | | 2 501–4 000 | 332 | 222 | | |
| | 121–175 | 1 000–2 500 | 469 | 313 | | |
| | | 2 501–4 000 | 411 | 274 | | |
| **B** | 105–140 | 860–2 500 | 469 | 313 | 0,193 | 0,260 |
| | | 2 501–4 000 | 391 | 261 | | |
| | 141–220 | 860–2 500 | 567 | 378 | | |
| | | 2 501–4 000 | 528 | 352 | | |
| **C** | 175–230 | 500–1 740 | 1 017 | 678 | 0,320 | 0,417 |
| | | 1 741–3 000 | 841 | 561 | | |
| | 231–400 | 500–1 740 | 1 251 | 834 | | |
| | | 1 741–3 000 | 1 115 | 743 | | |
| **D** | 305–400 | 200–850 | 2 210 | 1 473 | 0,69 | 0,870 |
| | | 851–1 500 | 1 877 | 1 251 | | |
| | 401–510 | 200–850 | 2 698 | 1 799 | | |
| | | 851–1 500 | 2 268 | 1 512 | | |
| **SPZ** | 56–79 | 1 000–2 500 | 338 | 226 | 0,076 | n/a |
| | | 2 501–4 000 | 262 | 175 | | |
| | 80–95 | 1 000–2 500 | 383 | 255 | | |
| | | 2 501–4 000 | 415 | 276 | | |
| | 96–over | 1 000–2 500 | 477 | 318 | | |
| | | 2 501–4 000 | 438 | 292 | | |
| **SPA** | 71–105 | 1 000–2 500 | 575 | 383 | 0,134 | 0,155 |
| | | 2 501–4 000 | 524 | 349 | | |
| | 106–140 | 1 000–2 500 | 696 | 464 | | |
| | | 2 501–4 000 | 628 | 418 | | |
| | 141–over | 1 000–2 500 | 872 | 581 | | |
| | | 2 501–4 000 | 876 | 584 | | |
| **SPB** | 107–159 | 860–2 500 | 978 | 652 | 0,223 | 0,268 |
| | | 2 501–4 000 | 941 | 627 | | |
| | 160–250 | 860–2 500 | 1 255 | 837 | | |
| | | 2 501–4 000 | 1 116 | 744 | | |
| | 251–over | 860–2 500 | 1 496 | 997 | | |
| | | 2 501–4 000 | 1 275 | 850 | | |
| **SPC** | 200–355 | 500–1 740 | 2 026 | 1 350 | 0,354 | 0,394 |
| | | 1 741–3 000 | 2 043 | 1 362 | | |
| | 356–over | 500–1 740 | 2 305 | 1 537 | | |
| | | 1 741–3 000 | 2 671 | 1 781 | | |
| **3V** | 61–90 | 1 000–2 500 | 313 | 209 | 0,076 | 0,099 |
| | | 2 501–4 000 | 274 | 182 | | |
| | 91–175 | 1 000–2 500 | 430 | 287 | | |
| | | 2 501–4 000 | 391 | 261 | | |
| **5V** | 171–275 | 500–1 740 | 1 134 | 756 | 0,223 | 0,272 |
| | | 1 741–3 000 | 997 | 665 | | |
| | 276–500 | 500–1 740 | 1 369 | 912 | | |
| | | 1 741–3 000 | 1 291 | 860 | | |
| **8V** | 315–430 | 200–850 | 2 933 | 1 955 | 0,504 | 0,654 |
| | | 851–1 500 | 2 386 | 1 590 | | |
| | 431–570 | 200–850 | 3 520 | 2 346 | | |
| | | 851–1 500 | 3 129 | 2 086 | | |

| Section | Smallest pulley diameter | Speed range | Belt tension per single belt* | | Mass | |
|---|---|---|---|---|---|---|
| | | | New belt | Used run-in belt | Single belt | Belt in a band** |
| – | mm | r/min | N | | kg/m | |
| **SPZ-XP** | 56–79 | 1 000–2 500 | 372 | 249 | 0,079 | n/a |
| | | 2 501–4 000 | 288 | 193 | | |
| | 80–95 | 1 000–2 500 | 421 | 281 | | |
| | | 2 501–4 000 | 457 | 304 | | |
| | 95–over | 1 000–2 500 | 525 | 350 | | |
| | | 2 501–4 000 | 482 | 321 | | |
| **SPA-XP** | 71–105 | 1 000–2 500 | 633 | 421 | 0,122 | n/a |
| | | 2 501–4 000 | 576 | 384 | | |
| | 106–140 | 1 000–2 500 | 766 | 510 | | |
| | | 2 501–4 000 | 691 | 460 | | |
| | 141–over | 1 000–2 500 | 959 | 639 | | |
| | | 2 501–4 000 | 964 | 642 | | |
| **SPB-XP** | 107–159 | 860–2 500 | 1076 | 717 | 0,202 | n/a |
| | | 2 501–4 000 | 1035 | 690 | | |
| | 160–250 | 860–2 500 | 1381 | 921 | | |
| | | 2 501–4 000 | 1228 | 818 | | |
| | 251–over | 860–2 500 | 1646 | 1097 | | |
| | | 2 501–4 000 | 1403 | 935 | | |
| **SPC-XP** | 200–355 | 500–1 740 | 2229 | 1485 | 0,350 | n/a |
| | | 1 741–3 000 | 2247 | 1498 | | |
| | 356–over | 500–1 740 | 2536 | 1691 | | |
| | | 1 741–3 000 | 2938 | 1959 | | |
| **3V-XP** | 61–90 | 1 000–2 500 | 344 | 230 | 0,079 | n/a |
| | | 2 501–4 000 | 301 | 200 | | |
| | 91–175 | 1 000–2 500 | 473 | 315,7 | | |
| | | 2 501–4 000 | 430,1 | 287,1 | | |
| **5V-XP** | 171–275 | 500–1 740 | 1247,4 | 831,6 | 0,202 | n/a |
| | | 1 741–3 001 | 1096,7 | 731,5 | | |
| | 276–500 | 500–1 740 | 1505,9 | 1003,2 | | |
| | | 1 741–3 001 | 1420,1 | 946 | | |
| **8V-XP** | 315–430 | 200–850 | 3226,3 | 2150,5 | 0,520 | n/a |
| | | 851–1 500 | 2624,6 | 1749 | | |
| | 431–570 | 200–850 | 3872 | 2580,6 | | |
| | | 851–1 500 | 3441,9 | 2294,6 | | |

The values listed in the tables on the following pages provide a guideline for belt tensioning. More accurate values for your specific belt drive can be obtained from belt drive calculations on skfptp.com.

* Multiply the belt tension required for a single belt by the number of belts in the banded belt unit to get the total tension to apply.
** Multiply the mass of one belt in a band by the number of belts in the banded belt unit to get the total mass to apply.

**Table 14**

## Cogged raw edge V, wedge and banded belts

| Section | Smallest pulley diameter | Speed range | Belt tension per single belt* | | Mass | |
|---|---|---|---|---|---|---|
| | | | New belt | Used run-in belt | Single belt | Belt in a band** |
| – | mm | r/min | N | | kg/m | |
| **ZX** | 40–60 | 1 000–2 500 | 119 | 80 | 0,051 | n/a |
| | | 2 501–4 000 | 139 | 93 | | |
| | 61–over | 1 000–2 500 | 199 | 133 | | |
| | | 2 501–4 000 | 199 | 133 | | |
| **AX** | 75–90 | 1 000–2 500 | 372 | 248 | 0,115 | 0,153 |
| | | 2 501–4 000 | 293 | 196 | | |
| | 91–120 | 1 000–2 500 | 450 | 300 | | |
| | | 2 501–4 000 | 391 | 261 | | |
| | 121–175 | 1 000–2 500 | 508 | 339 | | |
| | | 2 501–4 000 | 450 | 300 | | |
| **BX** | 85–105 | 860–2 500 | 430 | 287 | 0,193 | 0,225 |
| | | 2 501–4 000 | 372 | 248 | | |
| | 106–140 | 860–2 500 | 626 | 417 | | |
| | | 2 501–4 000 | 547 | 365 | | |
| | 141–220 | 860–2 500 | 763 | 508 | | |
| | | 2 501–4 000 | 645 | 430 | | |
| **CX** | 175–230 | 500–1 740 | 1 310 | 873 | 0,320 | 0,398 |
| | | 1 741–3 000 | 1 056 | 704 | | |
| | 231–400 | 500–1 740 | 1 408 | 939 | | |
| | | 1 741–3 000 | 1 291 | 860 | | |
| **XPZ** | 56–79 | 1 000–2 500 | 362 | 241 | 0,076 | n/a |
| | | 2 501–4 000 | 299 | 199 | | |
| | 80–95 | 1 000–2 500 | 438 | 292 | | |
| | | 2 501–4 000 | 418 | 279 | | |
| | 96–over | 1 000–2 500 | 499 | 332 | | |
| | | 2 501–4 000 | 469 | 313 | | |
| **XPA** | 71–105 | 1 000–2 500 | 657 | 438 | 0,134 | 0,156 |
| | | 2 501–4 000 | 598 | 399 | | |
| | 106–140 | 1 000–2 500 | 796 | 531 | | |
| | | 2 501–4 000 | 718 | 478 | | |
| | 140–over | 1 000–2 500 | 997 | 665 | | |
| | | 2 501–4 000 | 897 | 598 | | |
| **XPB** | 107–159 | 860–2 500 | 1 116 | 744 | 0,223 | 0,279 |
| | | 2 501–4 000 | 1 075 | 717 | | |
| | 160–250 | 860–2 500 | 1 435 | 957 | | |
| | | 2 501–4 000 | 1 330 | 886 | | |
| | 251–over | 860–2 500 | 1 596 | 1 064 | | |
| | | 2 501–4 000 | 1 455 | 970 | | |
| **XPC** | 200–355 | 500–1 740 | 2 313 | 1 542 | 0,354 | 0,548 |
| | | 1 741–3 000 | 2 333 | 1 555 | | |
| | 356–over | 500–1 740 | 2 632 | 1 755 | | |
| | | 1 741–3 000 | 3 050 | 2 034 | | |
| **3VX** | 55–60 | 1 000–2 500 | 293 | 196 | 0,076 | 0,102 |
| | | 2 501–4 000 | 254 | 169 | | |
| | 61–90 | 1 000–2 500 | 372 | 248 | | |
| | | 2 501–4 000 | 332 | 222 | | |
| | 91–175 | 1 000–2 500 | 469 | 313 | | |
| | | 2 501–4 000 | 430 | 287 | | |
| **5VX** | 110–170 | 1 000–2 500 | 899 | 600 | 0,223 | 0,252 |
| | | 2 501–4 000 | 489 | 326 | | |
| | 171–275 | 500–1 740 | 1 310 | 873 | | |
| | | 1 741–3 001 | 1 212 | 808 | | |
| | 276–400 | 500–1 740 | 1 525 | 1 017 | | |
| | | 1 741–3 001 | 1 486 | 991 | | |

The values listed in the tables on following pages provide a guideline for belt tensioning. More accurate values for your specific belt drive can be obtained from belt drive calculations on skfptp.com.

* Multiply the belt tension required for a single belt by the number of belts in the banded belt unit to get total tension to apply.
**Multiply the mass of one belt in a band by the number of belts in the banded belt unit to get total mass to apply.

Table 15

## Timing belts

| | Section | Belt tension New belt | Belt tension Used run-in belt | Mass |
|---|---|---|---|---|
| – | – | N | | kg/m |
| **HiTD** | 5M 9 | 99 | 71 | 0,037 |
| | 5M 15 | 174 | 124 | 0,061 |
| | 5M 25 | 311 | 222 | 0,102 |
| | 8M 20 | 372 | 266 | 0,128 |
| | 8M 30 | 593 | 424 | 0,192 |
| | 8M 50 | 1 037 | 741 | 0,32 |
| | 8M 85 | 2 044 | 1 460 | 0,545 |
| | 14M 40 | 1 297 | 926 | 0,429 |
| | 14M 55 | 1 912 | 1 366 | 0,59 |
| | 14M 85 | 3 142 | 2 244 | 0,911 |
| | 14M 115 | 4 480 | 3 200 | 1,233 |
| | 14M 170 | 7 139 | 5 099 | 1,823 |
| **STD** | S8M20 | 390 | 279 | 0,111 |
| | S8M30 | 620 | 443 | 0,167 |
| | S8M50 | 1 110 | 793 | 0,278 |
| | S8M85 | 2 030 | 1 450 | 0,473 |
| | S14M40 | 1 340 | 957 | 0,462 |
| | S14M55 | 1 925 | 1 375 | 0,634 |
| | S14M85 | 3 165 | 2 261 | 0,981 |
| | S14M115 | 4 465 | 3 189 | 1,327 |
| | S14M170 | 6 975 | 4 982 | 1,962 |

## Timing belts

| | Section | Belt tension New belt | Belt tension Used run-in belt | Mass |
|---|---|---|---|---|
| – | – | N | | kg/m |
| **Timing** | XL 025 | 13 | 11 | 0,014 |
| | XL 037 | 24 | 20 | 0,02 |
| | L050 | 51 | 41 | 0,043 |
| | L075 | 87 | 70 | 0,065 |
| | L 100 | 122 | 98 | 0,087 |
| | H075 | 220 | 176 | 0,084 |
| | H100 | 311 | 249 | 0,112 |
| | H150 | 485 | 388 | 0,168 |
| | H200 | 667 | 534 | 0,223 |
| | H300 | 1 045 | 836 | 0,335 |
| | XH 200 | 907 | 726 | 0,572 |
| | XH 300 | 1 428 | 1 142 | 0,858 |
| | XH 400 | 2 019 | 1 615 | 1,144 |
| | XXH 200 | 1 130 | 904 | 0,809 |
| | XXH 300 | 1 748 | 1 398 | 1,213 |
| | XXH 400 | 2 478 | 1 982 | 1,617 |

# Calculating belt tension

Insufficient belt tension will cause the belt to slip, which consequently generates heat, high belt temperatures and premature ageing of the belt.

Degradation of the rubber compound, caused by excessive heat, will have a significant impact on the service life of a belt.

When the tension is too high, the belt will not slip, but this will have a negative impact on the service life of the bearings and the belt.

There are two values that must be considered when tensioning a belt:

**a** $T_{used}$ (run-in) is minimum tension on the belt that ensures minimum slip on the drive. Belt tension should ideally not drop below this value during the entire belt service life.

**b** $T_{new}$ (initial) is maximum tension in the belt, used to initially tension a new belt. $T_{new}$ normally decreases during the first hours of operation releasing initial high bearing loads.

## General tensioning values

Tensioning values for general tensioning purposes are provided by the operating manual for selected tensioning tools. The values represent the "worst case" drives and as such, tend to be higher than the values calculated for a specific drive.

## Calculating tension values

In cases where all drive data is available, it is possible to calculate the required tension instead of using the general tensioning values.

To calculate tension values, the following procedure should be used:

**a** Find the minimum required strand tension for used run-in belts using the formula:

$$v = \frac{d\,n}{19\,100}$$

where
v = belt speed [m/s]
d = pulley datum diameter [mm]
n = speed of driver pulley [r/min]

$$T_{used} = 510\,\frac{(2{,}2 - C_3)\,P_d}{C_3\,N\,v} + \frac{M\,v^2}{1{,}11}$$

where
$T_{used}$ = minimum required static tension in one strand of the belt [N]
$C_3$ = arc of contact correction factor (→ **table 4**)
$P_d$ = design power [kW]
N = number of belts on the drive
v = belt speed [m/s]
M = belt weight per unit [kg/m] (→ **tables 3A, 3B, 3C**)

**b** Increase $T_{used}$ value by 50% to get initial required tension on a new belt $T_{new}$

$$T_{new} = 1{,}5\,T_{used}$$

**c** If the SKF pen tester is used to tension the drive, calculate belt deflection force.

For single V-belts and single units of banded and ribbed belts:

$$F_{d\,used} = 0.102 \times \left[\frac{T_{used}\,N}{16} + \frac{N\,K\,S_p}{L}\right]$$

$$F_{d\,new} = 0.102 \times \left[\frac{T_{new}\,N}{16} + \frac{N\,K\,S_p}{L}\right]$$

For multiple V-belts or matched sets of banded and ribbed belts:

$$F_{d\,used} = 0.102 \times \left[\frac{T_{used}\,N}{16} + N\,K\right]$$

$$F_{d\,new} = 0.102 \times \left[\frac{T_{new}\,N}{16} + N\,K\right]$$

where
$F_{d\,used}$, $F_{d\,new}$ = deflection force for a used run-in respectively a new belt [kg]
$T_{used}$, $T_{new}$ = required strand tension for a used run-in respectively a new belt
N = number of belts (for single V-belt N = 1) or number of belts in a band.
K = belt modulus factor (→ **table 1**)
$S_p$ = span length of the belt [m]
L = reference length of the belt [m]

**d** If the SKF Belt Frequency Meter is used to tension the drive, take value $T_{new}$ ($T_{used}$) and directly compare it with the readings from the tester.

**Table 16**

**Belt modulus factor**

| Section | K |
|---|---|
| Z, ZX | 2,67 |
| A, AX | 2,94 |
| B, BX | 3,87 |
| C, CX | 5,87 |
| D | 8,01 |
| SPZ, XPZ, 3V, 3VX | 2,89 |
| SPA, XPA | 3,12 |
| SPB, XPB, 5V, 5VX | 4,01 |
| SPC, XPC | 6,23 |
| 8V | 7,57 |

## Tensioning by means of belt elongation

This method is used when installing new or used run-in banded V-belt sets or where individual belts require so much force that other tensioning methods are not practical.

### Instructions

1. Determine strand tension (New, Used). To do this, use general strand tension values provided in the SKF Belt Frequency Meter manual or calculate the required static strand tension.
2. Fit the belt on both pulleys with no tension.
3. Draw two lines on the back of the belt 1 000 mm apart.
4. Increase the distance between the two lines according to data provided in **table 17**.

If more appropriate, the following approach could be used.

1. Use a tape measure to measure the outside circumference of the belt.
2. Using the length multiplier from **table 18** and calculate the length of the belt under adequate tension.
3. Increase the drive centre distance until the tape measure reaches the calculated length.

**Note:** If you are re-tensioning a used belt, decrease the centre distance until there is no tension on the belt, then you can tape the outside.

**Table 17**

**Length addition for 1 000 mm of belt strand**

| Required static strand tension (N) | Single belt, banded belt | A | B | C | D | SPA SPA-XP | SPB SPB-XP 5V 5V-XP | SPC SPC-XP | 8V 8V-XP |
|---|---|---|---|---|---|---|---|---|---|
| | – | Elongation per 1 000 mm of belt strand (mm) | | | | | | | |
| | 200 | 3,4 | 1,5 | – | – | 3,0 | – | – | – |
| | 250 | 4,3 | 1,8 | – | – | 3,8 | – | – | – |
| | 300 | 5,1 | 2,2 | – | – | 4,5 | – | – | – |
| | 350 | 6,0 | 2,6 | – | – | 5,3 | – | – | – |
| | 400 | 6,8 | 2,9 | 2,4 | – | 6,0 | 2,1 | – | – |
| | 450 | 7,7 | 3,3 | 2,7 | – | 6,8 | 2,6 | – | – |
| | 500 | 8,5 | 3,7 | 3,0 | – | 7,5 | 3,1 | – | – |
| | 550 | 9,4 | 4,0 | 3,3 | – | 8,3 | 3,6 | 1,9 | – |
| | 600 | 10,2 | 4,4 | 3,6 | 3,2 | 9,0 | 4,1 | 2,2 | – |
| | 650 | 11,1 | 4,8 | 3,8 | 3,4 | 9,8 | 4,6 | 2,5 | – |
| | 700 | 11,9 | 5,2 | 4,1 | 3,7 | 10,5 | 5,1 | 2,9 | – |
| | 750 | 12,8 | 5,5 | 4,4 | 4,0 | 11,3 | 5,6 | 3,2 | – |
| | 800 | – | 5,9 | 4,7 | 4,2 | – | 6,1 | 3,6 | – |
| | 900 | – | 6,6 | 5,3 | 4,7 | – | 7,0 | 4,1 | – |
| | 1 000 | – | 7,4 | 5,9 | 5,3 | – | 7,9 | 4,7 | – |
| | 1 200 | – | 8,8 | 7,1 | 6,3 | – | 9,5 | 5,8 | 3,6 |
| | 1 400 | – | 10,3 | 8,3 | 7,4 | – | 11,2 | 6,8 | 4,6 |
| | 1 600 | – | 11,8 | 9,5 | 8,4 | – | 12,9 | 7,9 | 5,6 |
| | 1 800 | – | – | – | 9,5 | – | 14,6 | 9,0 | 6,6 |
| | 2 000 | – | – | – | 10,6 | – | 16,2 | 10,0 | 7,6 |
| | 2 250 | – | – | – | 11,9 | – | 18,3 | 11,3 | 8,7 |
| | 2 500 | – | – | – | 13,2 | – | 20,4 | 12,7 | 9,9 |
| | 2 750 | – | – | – | 14,5 | – | 22,4 | 14,0 | 11,0 |
| | 3 000 | – | – | – | – | – | – | 15,3 | 12,2 |
| | 3 250 | – | – | – | – | – | – | 16,6 | 13,3 |
| | 3 500 | – | – | – | – | – | – | – | 14,5 |
| | 3 750 | – | – | – | – | – | – | – | 15,6 |
| | 4 000 | – | – | – | – | – | – | – | 16,8 |
| | 4 250 | – | – | – | – | – | – | – | 17,9 |

**Table 18**

**Belt length multiplier**

| Required static strand tension (N) | Single belt, banded belt | A | B | C | D | SPA SPA-XP | SPB SPB-XP 5V 5V-XP | SPC SPC-XP | 8V 8V-XP |
|---|---|---|---|---|---|---|---|---|---|
| | – | Belt length multipliers | | | | | | | |
| | 200 | 1,0034 | 1,0015 | – | – | 1,0030 | – | – | – |
| | 250 | 1,0043 | 1,0018 | – | – | 1,0038 | – | – | – |
| | 300 | 1,0051 | 1,0022 | – | – | 1,0045 | – | – | – |
| | 350 | 1,0060 | 1,0026 | – | – | 1,0053 | – | – | – |
| | 400 | 1,0068 | 1,0029 | 1,0024 | – | 1,0060 | 1,0021 | – | – |
| | 450 | 1,0077 | 1,0033 | 1,0027 | – | 1,0068 | 1,0026 | – | – |
| | 500 | 1,0085 | 1,0037 | 1,0030 | – | 1,0075 | 1,0031 | – | – |
| | 550 | 1,0094 | 1,0040 | 1,0033 | – | 1,0083 | 1,0036 | 1,0019 | – |
| | 600 | 1,0102 | 1,0044 | 1,0036 | 1,0032 | 1,0090 | 1,0041 | 1,0022 | – |
| | 650 | 1,0111 | 1,0048 | 1,0038 | 1,0034 | 1,0098 | 1,0046 | 1,0025 | – |
| | 700 | 1,0119 | 1,0052 | 1,0041 | 1,0037 | 1,0105 | 1,0051 | 1,0029 | – |
| | 750 | 1,0128 | 1,0055 | 1,0044 | 1,0040 | 1,0113 | 1,0056 | 1,0032 | – |
| | 800 | – | 1,0059 | 1,0047 | 1,0042 | – | 1,0061 | 1,0036 | – |
| | 900 | – | 1,0066 | 1,0053 | 1,0047 | – | 1,0070 | 1,0041 | – |
| | 1 000 | – | 1,0074 | 1,0059 | 1,0053 | – | 1,0079 | 1,0047 | – |
| | 1 200 | – | 1,0088 | 1,0071 | 1,0063 | – | 1,0095 | 1,0058 | 1,0036 |
| | 1 400 | – | 1,0103 | 1,0083 | 1,0074 | – | 1,0112 | 1,0068 | 1,0046 |
| | 1 600 | – | 1,0118 | 1,0095 | 1,0084 | – | 1,0129 | 1,0079 | 1,0056 |
| | 1 800 | – | – | – | 1,0095 | – | 1,0146 | 1,0090 | 1,0066 |
| | 2 000 | – | – | – | 1,0106 | – | 1,0162 | 1,0100 | 1,0076 |
| | 2 250 | – | – | – | 1,0119 | – | 1,0183 | 1,0113 | 1,0087 |
| | 2 500 | – | – | – | 1,0132 | – | 1,0204 | 1,0127 | 1,0099 |
| | 2 750 | – | – | – | 1,0145 | – | 1,0224 | 1,0140 | 1,0110 |
| | 3 000 | – | – | – | – | – | – | 1,0153 | 1,0122 |
| | 3 250 | – | – | – | – | – | – | 1,0166 | 1,0133 |
| | 3 500 | – | – | – | – | – | – | – | 1,0145 |
| | 3 750 | – | – | – | – | – | – | – | 1,0156 |
| | 4 000 | – | – | – | – | – | – | – | 1,0168 |
| | 4 250 | – | – | – | – | – | – | – | 1,0179 |

# Special drives with idlers

## Use of idlers

Idlers are grooved or flat pulleys that do not transmit any power in a drive system.

Depending on the drive requirements, they can be used on either the inside or outside of the belt.

It is generally recommended to avoid any idlers on the drive as they produce additional bending stress on the belt. However, there are situations where idlers cannot be avoided. For example:

- Drives with a fix centre distance: Idlers are installed to provide required tension.
- Drives with long span: Excessive belt vibration may occur. Idlers in such cases are used as dampeners.
- Drives with low bending angle on smaller pulley, which reduces the overall power capacity of the belt: Outside idlers are then positioned close to the small pulley, which will increase the bending angle and provide better grip.

When using idlers, the following considerations should be taken into account:

- They must always be installed on the slack side of the belt. This is particularly important in case of outside idlers. An outside idler installed on tight side causes backward bend, which in combination with high belt tension, contributes to premature belt failure (→ **fig. 5**).
- Inside (grooved) idlers do not generate reverse bending of the belt thus causing less damage than backside idlers. They will, however, decrease the bending angle. Therefore, they should be positioned as close as possible to a large pulley (→ **fig. 6**). The inside diameter of an idler pulley should not be smaller than the inside diameter of the drive side pulley.
- Outside idlers should be positioned as close as possible to the small pulley to increase the bending angle (→ **fig. 7**).

**Fig. 5**

**Impact of idler location on belt service life**

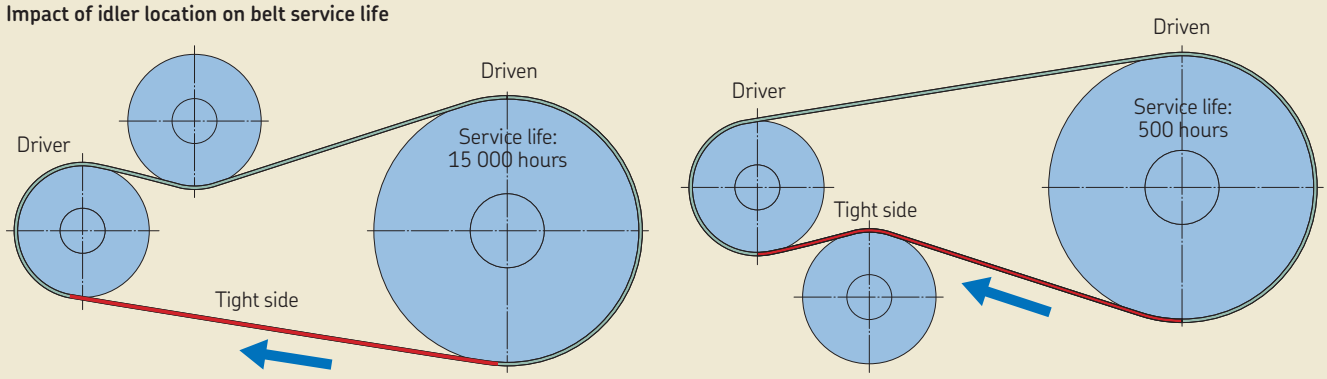



**Fig. 6**

**Inside idler should be positioned close to large pulley**

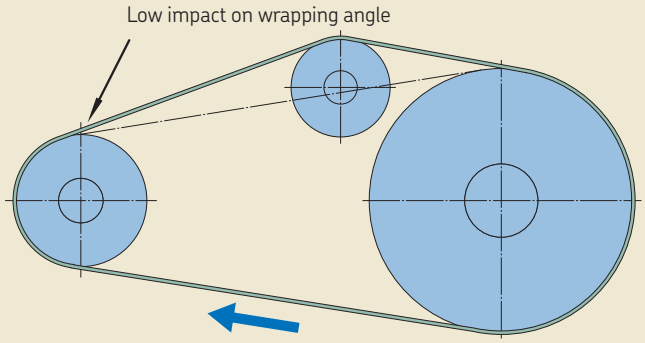
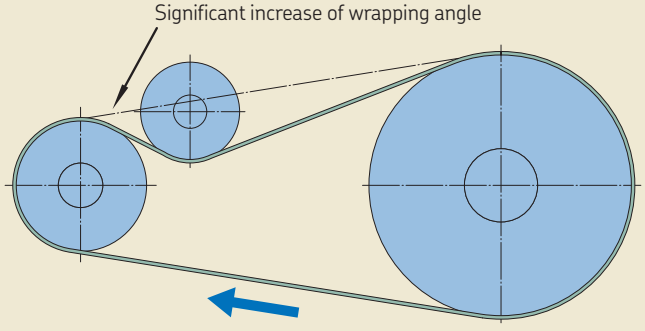



**Fig. 7**

**Outside idler should be positioned close to small pulley**



Minimum outside idler diameter should not be less than 1,3 times the diameter of the small pulley (→ **fig. 8**).

The wrapping angle of the belt around an idler should be as small as possible. Stress analyses show that, in addition to the amount of backward bend, the duration of deformation is also important. A small wrapping angle reduces the duration of deformation and has less of a negative impact on the belt (→ **fig. 9**).

Outside idlers should be cylindrical (not crowned) and should have flanges on both sides. The flanges should have sharp corners to prevent the belt from riding out of the pulley.

**Fig. 8**

**Impact of outside idler diameter on SPB belt service**

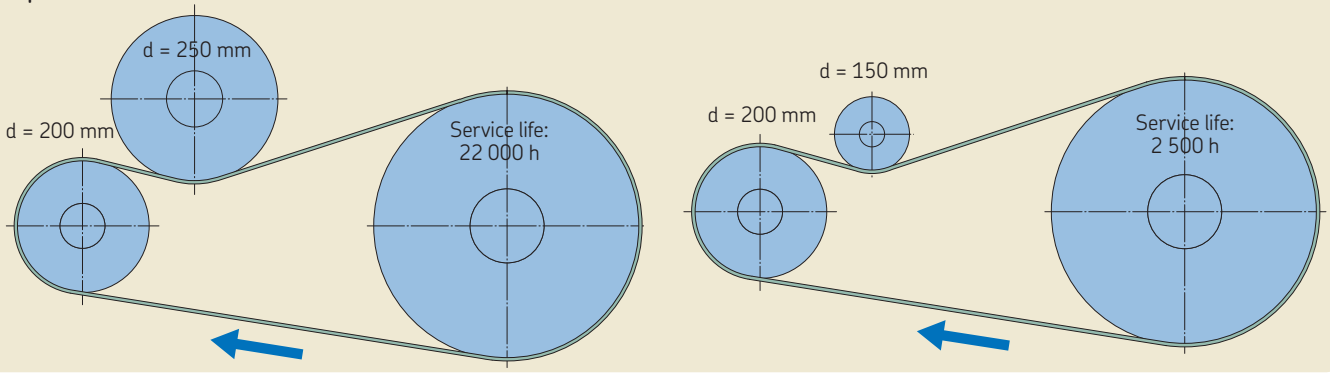
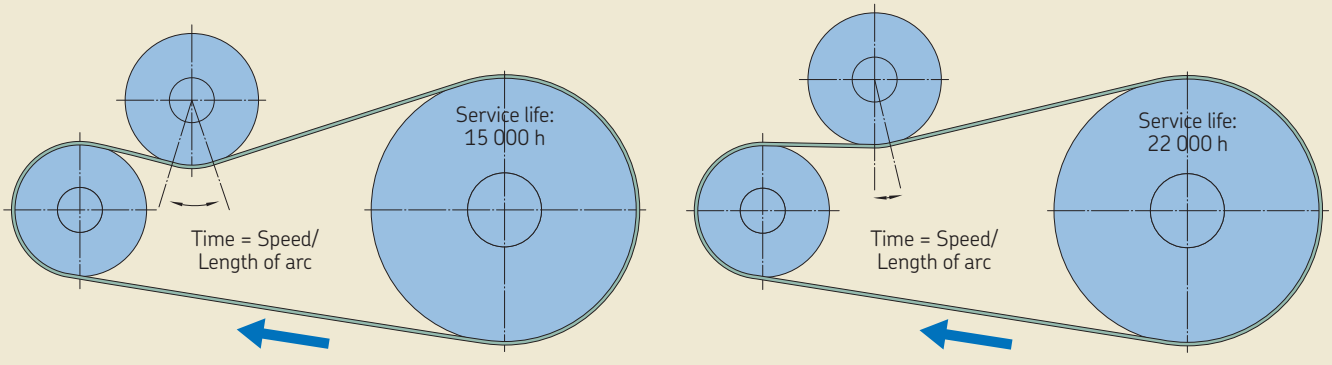



**Fig. 9**

**Impact of reverse bending duration time on SPB belt service life**



# Banded belts

SKF banded V-belts are made up of two or more standard V-belts connected together on the top with a reinforced rubber band.

They are available in wedge belt constructions SPA, SPB, SPC, narrow wedge constructions 3V, 5V, 8V, and classical V-belt constructions A, B, C, D.

**1** Advantages of banded V-belts

Single V-belts can handle most general drive requirements. However, under certain operating conditions, there might be an issue with belt vibrations or belt whipping, which causes the belt to come off the drive. In cases like this, banded belts offer a simple and reliable solution.

Other advantages:

- Eliminates excessive belt slip in case of heavy starts of the drive
- Prevents belts from turning over

**2** Banded belts and pulleys cross reference

Generally, banded belts do not need special pulleys. Most of them run on the same pulleys as single belts.

Banded SPA, SPB, SPC belts are designed for in standard pulleys (ISO 4183). Banded 3V, 5V, 8V belts require standard RMA IP20/ISO 5290 pulleys.

The only exceptions are some A, B, C and D classic profile banded belts.

Single classical belts could run in both ISO 4183 and RMA IP20/ISO 5291 pulleys, while banded classical belts generally utilize RMA IP20/ISO 5291 pulleys only.

See **table 19** for belt pulley cross reference.

**3** Tensioning of banded belts

Standard tensioning methods, by deflection load or belt frequency, may not be appropriate for tensioning a banded belt. This is particularly true for applications where there are long spans and heavy belts. To tension banded belts, SKF recommends using the belt elongation method on **page 71**.

**Table 19**

**V belts – belts and pulleys crossreference**

| Section | Designation | Required centre to centre distance for pulley grooves[1] | Wedge belt pulleys ISO 4183 | Narow wedge pulleys RMA IP 22, ISO 5290 | Classical V-belts pulleys RMA IP20, ISO 5291 |
|---|---|---|---|---|---|
| – | – | mm | – | – | – |
| **Single belts** | | | | | |
| Wedge belts | **SPZ** | – | ✓ | X | X |
| | **SPA** | – | ✓ | X | X |
| | **SPB** | – | ✓ | X | X |
| | **SPC** | – | ✓ | X | X |
| Classical | **A** | – | ✓ | X | ✓ |
| | **B** | – | ✓ | X | ✓ |
| | **C** | – | ✓ | X | ✓ |
| | **D** | – | ✓ | X | ✓ |
| Narow wedge | **3V** | – | ✓ | ✓ | X |
| | **5V** | – | ✓ | ✓ | X |
| | **8V** | – | X | ✓ | X |
| **Banded belts** | | | | | |
| Wedge belts | **SPZ** | 12,0 | ✓ | X | X |
| | **SPA** | 15,0 | ✓ | X | X |
| | **SPB** | 19,0 | ✓ | X | X |
| | **SPC** | 25,5 | ✓ | X | X |
| Classical | **A** | 15,9 | X | X | ✓[2] |
| | **B** | 19,0 | ✓ | X | ✓[2] |
| | **C** | 25,4 | ✓ | X | ✓ |
| | **D** | 36,5 | X | X | ✓ |
| Narow wedge | **3V** | 10,3 | X | ✓ | X |
| | **5V** | 17,5 | X | ✓ | X |
| | **8V** | 28,6 | X | ✓ | X |

[1] Please check pulley chapter to see groove centre to centre distance for SKF pulleys.
[2] Not valid for A/B combination pulley.

X = Will not fit the indicated pulley
✓ = Will fit the indicated pulley

# V-belt pulleys

X = Will not fit the indicated pulley
✓ = Will fit in the pulley

**Table 20a**

## SPZ (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 8 |
| mm | – | | | | | | |
| 50 | ✓ | ✓ | X | X | X | X | X |
| 56 | ✓ | ✓ | X | X | X | X | X |
| 60 | ✓ | ✓ | X | X | X | X | X |
| 63 | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 67 | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 71 | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 75 | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 80 | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 85 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 90 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 95 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 100 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 106 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 112 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 118 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 125 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 132 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 140 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 150 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 160 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 180 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 190 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 224 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 280 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 355 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 400 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 450 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 500 | X | X | ✓ | ✓ | ✓ | ✓ | X |
| 630 | X | X | ✓ | ✓ | ✓ | ✓ | X |
| 800 | X | X | ✓ | ✓ | ✓ | ✓ | X |

For additional information about a specific pulley, refer to the SKF Power Transmission catalogue.

**Table 20b**

## SPA (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| mm | – | | | | | |
| 63 | ✓ | ✓ | X | X | X | X |
| 67 | ✓ | ✓ | X | X | X | X |
| 71 | ✓ | ✓ | ✓ | X | X | X |
| 75 | ✓ | ✓ | ✓ | X | X | X |
| 80 | ✓ | ✓ | ✓ | X | X | X |
| 85 | ✓ | ✓ | ✓ | X | X | X |
| 90 | ✓ | ✓ | ✓ | ✓ | X | X |
| 95 | ✓ | ✓ | ✓ | ✓ | X | X |
| 100 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 106 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 112 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 118 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 125 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 132 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 140 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 150 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 160 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 180 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 190 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 212 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 224 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 280 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 355 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 400 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 450 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 630 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 800 | X | X | ✓ | ✓ | ✓ | ✓ |
| 1 000 | X | X | ✓ | ✓ | ✓ | ✓ |

**Table 20c**

## SPB (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| mm | – | | | | | | | |
| 100 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 106 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 112 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 118 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 125 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 132 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 140 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 150 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 160 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 170 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 180 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 190 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 212 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 224 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 236 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 280 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 300 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 335 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 355 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 400 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 450 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 560 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 630 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 710 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 800 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 900 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1 000 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1 250 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

# V-belt pulleys

## Table 20d

### SPC (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | |
|---|---|---|---|---|---|---|
| | 3 | 4 | 5 | 6 | 8 | 10 |
| mm | – | | | | | |
| 200 | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 212 | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 224 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 236 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 265 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 280 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 300 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 335 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 355 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 375 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 400 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 425 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 450 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 475 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 530 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 560 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 630 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 710 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 800 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1 000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1 250 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 20e

### A/B (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | | | | |
| **A/Belt** | | | | | | | | |
| 3.00 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.20 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.40 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.60 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.80 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.40 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 4.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.80 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 5.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.40 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 5.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.80 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 6.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.20 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 6.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 15.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 18.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 19.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 24.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 29.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 37.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | | | | |
| **B/Belt** | | | | | | | | |
| 3.40 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.60 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 3.80 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 4.00 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 4.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 4.80 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 5.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 5.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 5.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.80 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 6.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.20 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 6.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.60 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 6.80 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 15.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 18.40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 20.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 25.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 30.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 38.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |

## Table 20f

### C (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| in. | – | | | | | | | |
| 7.00 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 7.50 | ✓ | ✓ | ✓ | ✓ | ✓ | X | X | X |
| 8.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 8.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 9.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| in. | – | | | | | | | |
| 13.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 18.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 20.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 24.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 30.00 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 36.00 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 44.00 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | X |

## Table 20g

### D (taper bushed)

| Pulley datum diameter | Number of grooves | | | | |
|---|---|---|---|---|---|
| | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | |
| 12.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13.50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15.50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 27.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 33.00 | X | X | ✓ | ✓ | ✓ |

# V-belt pulleys

## Table 20h

### 3V (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | | | | |
| 2.65 | ✓ | ✓ | X | X | X | X | X | X |
| 2.80 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 3.00 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 3.15 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 3.35 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 3.65 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 4.12 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 4.50 | ✓ | ✓ | ✓ | ✓ | X | X | X | X |
| 4.75 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6.90 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.60 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25.00 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 33.50 | X | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 20i

### 5V (taper bushed)

| Pulley datum diameter | Number of grooves | | | | | | |
|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | | | |
| 7.10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 7.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 8.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.25 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9.75 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10.90 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11.30 | | | | | | | ✓ |
| 11.80 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12.50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18.70 | X | X | X | X | X | X | ✓ |
| 21.20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 28.00 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 37.50 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 50.00 | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 20j

### 8V (taper bushed)

| Pulley datum diameter | Number of grooves | | | | |
|---|---|---|---|---|---|
| | 4 | 5 | 6 | 8 | 10 |
| in. | – | | | | |
| 12.50 | ✓ | ✓ | ✓ | ✓ | X |
| 13.20 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21.20 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22.40 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24.80 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 30.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 35.50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40.00 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44.50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 53.00 | ✓ | ✓ | ✓ | ✓ | ✓ |

# Installation and maintenance

All SKF V-belts are produced to be set free, i.e. you can take any belt of the same designation from the shelf and put it on a multiple groove drive. Proper tensioning will compensate small length deviations and make all belts carry equal load on the drive.

Before installing a new belt, make sure that:

**1** Pulleys are properly aligned. Maximum allowable misalignment β is 0,3° or 5 mm / 1 m of centre distance. Values greater than those listed will reduce the belt service life and cause edge wear. Misalignment is represented by the ways shown in **fig. 10**. A straight edge should be used to check proper alignment as in **fig. 11**.

A more precise way to check alignment, particularly over long distances, is the SKF Belt Alignment Tool (→ **fig. 12**).

**2** Make sure that all pulley grooves are of the same size. Uneven wear of grooves causes belts running on different diameter levels in the pulley. That generates excessive slip of the belts on one side and bad effects similar to mismatched belts on the other side (→ **fig. 13**).

Fig. 10

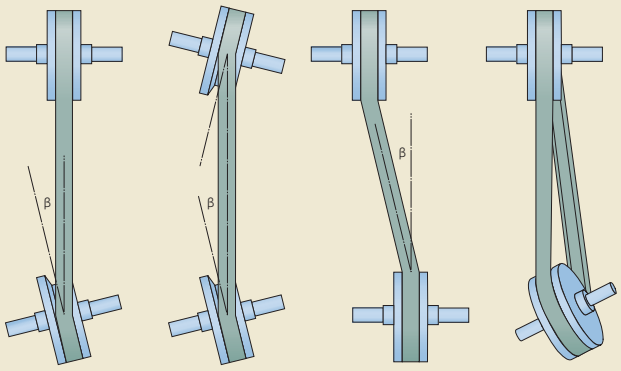



Fig. 11

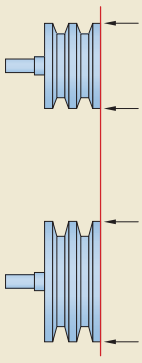


Fig. 12

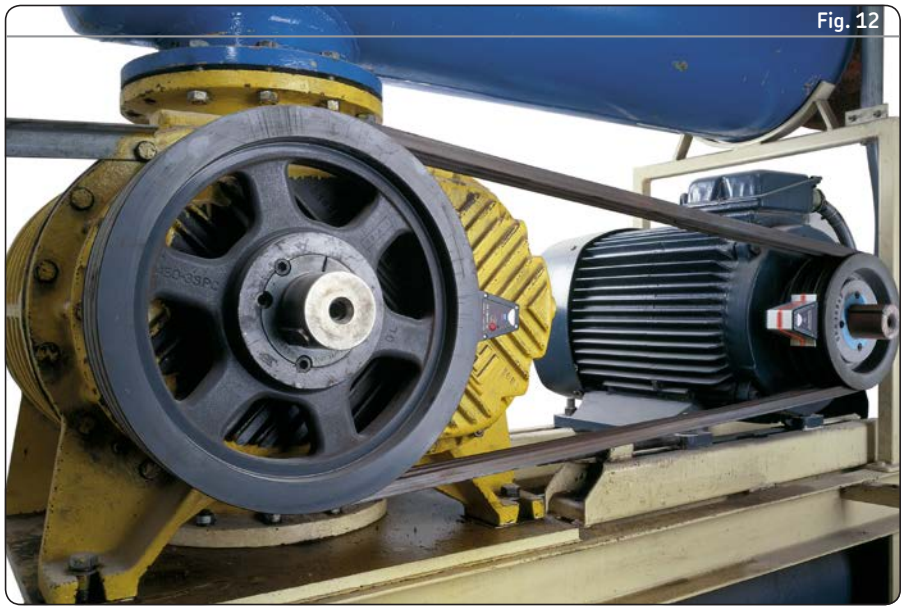
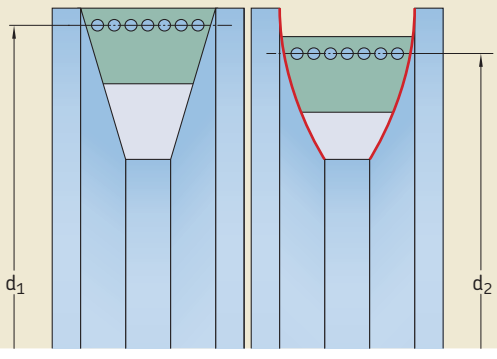


Fig. 13



General advice is to briefly inspect pulleys at every belt change but closely inspect and possibly replace at every third belt change. Use an SKF pulley gauge (→ **fig. 14**) to check pulley wear.

Pulleys should be replaced when more than 0,8 mm is detected between template and groove.



Fig. 14

**3** Never mix different brands or belt types on the same drive.

Belt lengths can differ from one manufacturer to another and different materials can have significantly different values for the coefficient of thermal contraction.

SKF also does not recommend mixing new and used belts as it may result in uneven load distribution and premature belt failure.

**4** Never force belts over the pulley edge, since this may damage the surface and initiate a crack, which will weaken the belt and cause premature belt failure. Properly slack off and take up the drive until belts are easily placed in the grooves.

**5** Do not rely on belt dressings to eliminate belt slippage. Belt dressings can temporarily increase friction between the belt and pulley. However, this is a temporary fix until the cause of slippage can be identified and corrected.

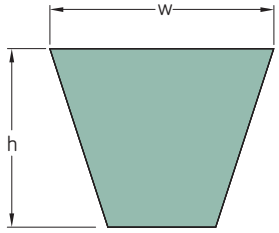
**6** Tension belts according to SKF tensioning recommendations. Refer to Tensioning section on **pages 64** to **71** to review tensioning equipment available. Please note, that incorrect belt tension will cause premature belt failure. A good practice is to apply slightly higher, rather than lower, tension to the belt. General experience shows that an under-tensioned V-belt is the major cause of power loss and premature belt failure. However, be aware that excessive tension will cause premature bearing failure.

SKF recommends checking belt tension after the first 48 hours of continuous use and rechecking belt tension 3 to 4 times per year.

# Troubleshooting guide

Table 21

| Problem | Possible causes | Solution |
|---|---|---|
| Belts mismatched | Used and new belts mixed | Replace with new set |
| | Misaligned drive | Belts are progressively tighter from one side to the other. Realign pulleys. |
| | Worn or badly machined pulley grooves | Replace or rework the pulleys |
| | Belts undertensioned | Rotate drive to get all belts slack on bottom side. Retension to required value. |
| Belts fail shortly after fitting | Improper belt installation | Belt levered over pulley. Follow installation instructions. |
| | Drive undersized | Check drive design |
| | Drive blocked | Remove cause |
| Belt vibrations | Resonant condition | Change drive dimensions (increase/decrease centre distance), use outside "kissing" idler or inside idler on belt slack side. |
| | High shock load | Increase tension. Use SKF banded belts. |
| | Pulley not balanced | Provide dynamically balanced pulleys. |
| Belts break and cracks | Improper outside idler size or position | Follow instructions on how to work with idlers. |
| | Pulley diameter too small | Belt flexing issue. Change pulley according to minimum diameter recommendations. |
| | Excessive heat | Remove source of heating. Use raw edge belts which resist higher temperatures. Check tension. Too loose belts will slip and cause heat. |
| | Chemical attack | Provide adequate protection |
| Belts turn over | Poor drive alignment | Realign pulleys |
| | Incorrect belt/pulley groove section | Match belt and pulley |
| | Excessive wear of pulleys | Replace or rework the pulleys |
| | Too low tension on belts | Increase belt tension |
| Belts wear rapidly | Belt hitting guard frame | Remove cause |
| | Starting torque too high, overloaded drive | Check drive design and redesign |
| | Excessive pulley groove wear | Replace or rework grooves |
| | Poor pulley alignment | Realign drive |
| | Belt tension too low | Increase belt tension |
| Belts slip | Drive undertensioned | Tension properly |
| | Drive overload | Redesign the drive |
| | Pulleys worn (belt bottom in groove) | Replace or rework grooves |
| | Excessive oil or grease | Provide better shielding on drive |




| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| **SPZ** | 512 | 9,7 | 8 | **PHG SPZ512** |
| | 560 | 9,7 | 8 | **PHG SPZ560** |
| | 562 | 9,7 | 8 | **PHG SPZ562** |
| | 587 | 9,7 | 8 | **PHG SPZ587** |
| | 612 | 9,7 | 8 | **PHG SPZ612** |
| | 630 | 9,7 | 8 | **PHG SPZ630** |
| | 637 | 9,7 | 8 | **PHG SPZ637** |
| | 662 | 9,7 | 8 | **PHG SPZ662** |
| | 670 | 9,7 | 8 | **PHG SPZ670** |
| | 687 | 9,7 | 8 | **PHG SPZ687** |
| | 710 | 9,7 | 8 | **PHG SPZ710** |
| | 722 | 9,7 | 8 | **PHG SPZ722** |
| | 737 | 9,7 | 8 | **PHG SPZ737** |
| | 750 | 9,7 | 8 | **PHG SPZ750** |
| | 760 | 9,7 | 8 | **PHG SPZ760** |
| | 762 | 9,7 | 8 | **PHG SPZ762** |
| | 772 | 9,7 | 8 | **PHG SPZ772** |
| | 787 | 9,7 | 8 | **PHG SPZ787** |
| | 800 | 9,7 | 8 | **PHG SPZ800** |
| | 812 | 9,7 | 8 | **PHG SPZ812** |
| | 825 | 9,7 | 8 | **PHG SPZ825** |
| | 837 | 9,7 | 8 | **PHG SPZ837** |
| | 850 | 9,7 | 8 | **PHG SPZ850** |
| | 862 | 9,7 | 8 | **PHG SPZ862** |
| | 875 | 9,7 | 8 | **PHG SPZ875** |
| | 887 | 9,7 | 8 | **PHG SPZ887** |
| | 900 | 9,7 | 8 | **PHG SPZ900** |
| | 912 | 9,7 | 8 | **PHG SPZ912** |
| | 925 | 9,7 | 8 | **PHG SPZ925** |
| | 937 | 9,7 | 8 | **PHG SPZ937** |
| | 950 | 9,7 | 8 | **PHG SPZ950** |
| | 962 | 9,7 | 8 | **PHG SPZ962** |
| | 987 | 9,7 | 8 | **PHG SPZ987** |
| | 1 000 | 9,7 | 8 | **PHG SPZ1000** |
| | 1 010 | 9,7 | 8 | **PHG SPZ1010** |
| | 1 012 | 9,7 | 8 | **PHG SPZ1012** |
| | 1 024 | 9,7 | 8 | **PHG SPZ1024** |
| | 1 037 | 9,7 | 8 | **PHG SPZ1037** |
| | 1 047 | 9,7 | 8 | **PHG SPZ1047** |
| | 1 060 | 9,7 | 8 | **PHG SPZ1060** |
| | 1 077 | 9,7 | 8 | **PHG SPZ1077** |
| | 1 080 | 9,7 | 8 | **PHG SPZ1080** |
| | 1 087 | 9,7 | 8 | **PHG SPZ1087** |
| | 1 112 | 9,7 | 8 | **PHG SPZ1112** |
| | 1 120 | 9,7 | 8 | **PHG SPZ1120** |
| | 1 137 | 9,7 | 8 | **PHG SPZ1137** |
| | 1 140 | 9,7 | 8 | **PHG SPZ1140** |
| | 1 150 | 9,7 | 8 | **PHG SPZ1150** |
| | 1 162 | 9,7 | 8 | **PHG SPZ1162** |
| | 1 180 | 9,7 | 8 | **PHG SPZ1180** |
| | 1 187 | 9,7 | 8 | **PHG SPZ1187** |
| | 1 200 | 9,7 | 8 | **PHG SPZ1200** |
| | 1 202 | 9,7 | 8 | **PHG SPZ1202** |
| | 1 212 | 9,7 | 8 | **PHG SPZ1212** |
| | 1 237 | 9,7 | 8 | **PHG SPZ1237** |

| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| **SPZ** | 1 250 | 9,7 | 8 | **PHG SPZ1250** |
| | 1 262 | 9,7 | 8 | **PHG SPZ1262** |
| | 1 270 | 9,7 | 8 | **PHG SPZ1270** |
| | 1 287 | 9,7 | 8 | **PHG SPZ1287** |
| | 1 312 | 9,7 | 8 | **PHG SPZ1312** |
| | 1 320 | 9,7 | 8 | **PHG SPZ1320** |
| | 1 337 | 9,7 | 8 | **PHG SPZ1337** |
| | 1 340 | 9,7 | 8 | **PHG SPZ1340** |
| | 1 347 | 9,7 | 8 | **PHG SPZ1347** |
| | 1 362 | 9,7 | 8 | **PHG SPZ1362** |
| | 1 387 | 9,7 | 8 | **PHG SPZ1387** |
| | 1 400 | 9,7 | 8 | **PHG SPZ1400** |
| | 1 412 | 9,7 | 8 | **PHG SPZ1412** |
| | 1 420 | 9,7 | 8 | **PHG SPZ1420** |
| | 1 437 | 9,7 | 8 | **PHG SPZ1437** |
| | 1 462 | 9,7 | 8 | **PHG SPZ1462** |
| | 1 487 | 9,7 | 8 | **PHG SPZ1487** |
| | 1 500 | 9,7 | 8 | **PHG SPZ1500** |
| | 1 512 | 9,7 | 8 | **PHG SPZ1512** |
| | 1 520 | 9,7 | 8 | **PHG SPZ1520** |
| | 1 537 | 9,7 | 8 | **PHG SPZ1537** |
| | 1 562 | 9,7 | 8 | **PHG SPZ1562** |
| | 1 587 | 9,7 | 8 | **PHG SPZ1587** |
| | 1 600 | 9,7 | 8 | **PHG SPZ1600** |
| | 1 612 | 9,7 | 8 | **PHG SPZ1612** |
| | 1 637 | 9,7 | 8 | **PHG SPZ1637** |
| | 1 650 | 9,7 | 8 | **PHG SPZ1650** |
| | 1 662 | 9,7 | 8 | **PHG SPZ1662** |
| | 1 687 | 9,7 | 8 | **PHG SPZ1687** |
| | 1 700 | 9,7 | 8 | **PHG SPZ1700** |
| | 1 737 | 9,7 | 8 | **PHG SPZ1737** |
| | 1 750 | 9,7 | 8 | **PHG SPZ1750** |
| | 1 762 | 9,7 | 8 | **PHG SPZ1762** |
| | 1 787 | 9,7 | 8 | **PHG SPZ1787** |
| | 1 800 | 9,7 | 8 | **PHG SPZ1800** |
| | 1 812 | 9,7 | 8 | **PHG SPZ1812** |
| | 1 837 | 9,7 | 8 | **PHG SPZ1837** |
| | 1 850 | 9,7 | 8 | **PHG SPZ1850** |
| | 1 862 | 9,7 | 8 | **PHG SPZ1862** |
| | 1 887 | 9,7 | 8 | **PHG SPZ1887** |
| | 1 900 | 9,7 | 8 | **PHG SPZ1900** |
| | 1 937 | 9,7 | 8 | **PHG SPZ1937** |
| | 1 950 | 9,7 | 8 | **PHG SPZ1950** |
| | 1 987 | 9,7 | 8 | **PHG SPZ1987** |
| | 2 000 | 9,7 | 8 | **PHG SPZ2000** |
| | 2 037 | 9,7 | 8 | **PHG SPZ2037** |
| | 2 060 | 9,7 | 8 | **PHG SPZ2060** |
| | 2 120 | 9,7 | 8 | **PHG SPZ2120** |
| | 2 137 | 9,7 | 8 | **PHG SPZ2137** |
| | 2 160 | 9,7 | 8 | **PHG SPZ2160** |
| | 2 187 | 9,7 | 8 | **PHG SPZ2187** |
| | 2 240 | 9,7 | 8 | **PHG SPZ2240** |
| | 2 262 | 9,7 | 8 | **PHG SPZ2262** |
| | 2 280 | 9,7 | 8 | **PHG SPZ2280** |
| | 2 287 | 9,7 | 8 | **PHG SPZ2287** |

| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| **SPZ** | 2 360 | 9,7 | 8 | **PHG SPZ2360** |
| | 2 410 | 9,7 | 8 | **PHG SPZ2410** |
| | 2 500 | 9,7 | 8 | **PHG SPZ2500** |
| | 2 540 | 9,7 | 8 | **PHG SPZ2540** |
| | 2 580 | 9,7 | 8 | **PHG SPZ2580** |
| | 2 650 | 9,7 | 8 | **PHG SPZ2650** |
| | 2 690 | 9,7 | 8 | **PHG SPZ2690** |
| | 2 800 | 9,7 | 8 | **PHG SPZ2800** |
| | 2 840 | 9,7 | 8 | **PHG SPZ2840** |
| | 2 900 | 9,7 | 8 | **PHG SPZ2900** |
| | 3 000 | 9,7 | 8 | **PHG SPZ3000** |
| | 3 150 | 9,7 | 8 | **PHG SPZ3150** |
| | 3 170 | 9,7 | 8 | **PHG SPZ3170** |
| | 3 350 | 9,7 | 8 | **PHG SPZ3350** |
| | 3 550 | 9,7 | 8 | **PHG SPZ3550** |
| **SPA** | 732 | 12,7 | 10 | **PHG SPA732** |
| | 757 | 12,7 | 10 | **PHG SPA757** |
| | 775 | 12,7 | 10 | **PHG SPA775** |
| | 782 | 12,7 | 10 | **PHG SPA782** |
| | 800 | 12,7 | 10 | **PHG SPA800** |
| | 807 | 12,7 | 10 | **PHG SPA807** |
| | 832 | 12,7 | 10 | **PHG SPA832** |
| | 850 | 12,7 | 10 | **PHG SPA850** |
| | 857 | 12,7 | 10 | **PHG SPA857** |
| | 882 | 12,7 | 10 | **PHG SPA882** |
| | 900 | 12,7 | 10 | **PHG SPA900** |
| | 907 | 12,7 | 10 | **PHG SPA907** |
| | 925 | 12,7 | 10 | **PHG SPA925** |
| | 932 | 12,7 | 10 | **PHG SPA932** |
| | 950 | 12,7 | 10 | **PHG SPA950** |
| | 957 | 12,7 | 10 | **PHG SPA957** |
| | 969 | 12,7 | 10 | **PHG SPA969** |
| | 975 | 12,7 | 10 | **PHG SPA975** |
| | 982 | 12,7 | 10 | **PHG SPA982** |
| | 1 000 | 12,7 | 10 | **PHG SPA1000** |
| | 1 007 | 12,7 | 10 | **PHG SPA1007** |
| | 1 030 | 12,7 | 10 | **PHG SPA1030** |
| | 1 032 | 12,7 | 10 | **PHG SPA1032** |
| | 1 055 | 12,7 | 10 | **PHG SPA1055** |
| | 1 060 | 12,7 | 10 | **PHG SPA1060** |
| | 1 082 | 12,7 | 10 | **PHG SPA1082** |
| | 1 090 | 12,7 | 10 | **PHG SPA1090** |
| | 1 107 | 12,7 | 10 | **PHG SPA1107** |
| | 1 120 | 12,7 | 10 | **PHG SPA1120** |
| | 1 132 | 12,7 | 10 | **PHG SPA1132** |
| | 1 150 | 12,7 | 10 | **PHG SPA1150** |
| | 1 157 | 12,7 | 10 | **PHG SPA1157** |
| | 1 180 | 12,7 | 10 | **PHG SPA1180** |
| | 1 190 | 12,7 | 10 | **PHG SPA1190** |
| | 1 200 | 12,7 | 10 | **PHG SPA1200** |
| | 1 207 | 12,7 | 10 | **PHG SPA1207** |
| | 1 220 | 12,7 | 10 | **PHG SPA1220** |
| | 1 232 | 12,7 | 10 | **PHG SPA1232** |
| | 1 250 | 12,7 | 10 | **PHG SPA1250** |
| | 1 257 | 12,7 | 10 | **PHG SPA1257** |

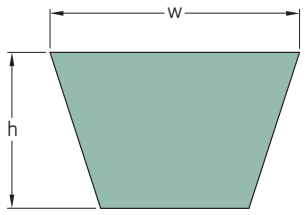
Non-standard lengths are also available.

## SKF Wrapped Wedge Belts

SPA | SPB | SPC

| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| SPA | 1 272 | 12,7 | 10 | PHG SPA1272 |
| | 1 282 | 12,7 | 10 | PHG SPA1282 |
| | 1 300 | 12,7 | 10 | PHG SPA1300 |
| | 1 307 | 12,7 | 10 | PHG SPA1307 |
| | 1 320 | 12,7 | 10 | PHG SPA1320 |
| | 1 332 | 12,7 | 10 | PHG SPA1332 |
| | 1 357 | 12,7 | 10 | PHG SPA1357 |
| | 1 360 | 12,7 | 10 | PHG SPA1360 |
| | 1 367 | 12,7 | 10 | PHG SPA1367 |
| | 1 382 | 12,7 | 10 | PHG SPA1382 |
| | 1 400 | 12,7 | 10 | PHG SPA1400 |
| | 1 407 | 12,7 | 10 | PHG SPA1407 |
| | 1 415 | 12,7 | 10 | PHG SPA1415 |
| | 1 420 | 12,7 | 10 | PHG SPA1420 |
| | 1 432 | 12,7 | 10 | PHG SPA1432 |
| | 1 450 | 12,7 | 10 | PHG SPA1450 |
| | 1 457 | 12,7 | 10 | PHG SPA1457 |
| | 1 482 | 12,7 | 10 | PHG SPA1482 |
| | 1 490 | 12,7 | 10 | PHG SPA1490 |
| | 1 500 | 12,7 | 10 | PHG SPA1500 |
| | 1 507 | 12,7 | 10 | PHG SPA1507 |
| | 1 532 | 12,7 | 10 | PHG SPA1532 |
| | 1 550 | 12,7 | 10 | PHG SPA1550 |
| | 1 557 | 12,7 | 10 | PHG SPA1557 |
| | 1 582 | 12,7 | 10 | PHG SPA1582 |
| | 1 600 | 12,7 | 10 | PHG SPA1600 |
| | 1 607 | 12,7 | 10 | PHG SPA1607 |
| | 1 632 | 12,7 | 10 | PHG SPA1632 |
| | 1 650 | 12,7 | 10 | PHG SPA1650 |
| | 1 657 | 12,7 | 10 | PHG SPA1657 |
| | 1 682 | 12,7 | 10 | PHG SPA1682 |
| | 1 700 | 12,7 | 10 | PHG SPA1700 |
| | 1 707 | 12,7 | 10 | PHG SPA1707 |
| | 1 732 | 12,7 | 10 | PHG SPA1732 |
| | 1 750 | 12,7 | 10 | PHG SPA1750 |
| | 1 757 | 12,7 | 10 | PHG SPA1757 |
| | 1 782 | 12,7 | 10 | PHG SPA1782 |
| | 1 800 | 12,7 | 10 | PHG SPA1800 |
| | 1 807 | 12,7 | 10 | PHG SPA1807 |
| | 1 820 | 12,7 | 10 | PHG SPA1820 |
| | 1 832 | 12,7 | 10 | PHG SPA1832 |
| | 1 850 | 12,7 | 10 | PHG SPA1850 |
| | 1 857 | 12,7 | 10 | PHG SPA1857 |
| | 1 882 | 12,7 | 10 | PHG SPA1882 |
| | 1 900 | 12,7 | 10 | PHG SPA1900 |
| | 1 907 | 12,7 | 10 | PHG SPA1907 |
| | 1 932 | 12,7 | 10 | PHG SPA1932 |
| | 1 950 | 12,7 | 10 | PHG SPA1950 |
| | 1 957 | 12,7 | 10 | PHG SPA1957 |
| | 1 982 | 12,7 | 10 | PHG SPA1982 |
| | 2 000 | 12,7 | 10 | PHG SPA2000 |
| | 2 032 | 12,7 | 10 | PHG SPA2032 |
| | 2 057 | 12,7 | 10 | PHG SPA2057 |
| | 2 060 | 12,7 | 10 | PHG SPA2060 |
| | 2 082 | 12,7 | 10 | PHG SPA2082 |
| | 2 120 | 12,7 | 10 | PHG SPA2120 |
| | 2 132 | 12,7 | 10 | PHG SPA2132 |
| | 2 160 | 12,7 | 10 | PHG SPA2160 |
| | 2 182 | 12,7 | 10 | PHG SPA2182 |
| | 2 207 | 12,7 | 10 | PHG SPA2207 |
| | 2 232 | 12,7 | 10 | PHG SPA2232 |
| | 2 240 | 12,7 | 10 | PHG SPA2240 |
| | 2 282 | 12,7 | 10 | PHG SPA2282 |
| | 2 300 | 12,7 | 10 | PHG SPA2300 |
| | 2 307 | 12,7 | 10 | PHG SPA2307 |
| | 2 332 | 12,7 | 10 | PHG SPA2332 |
| | 2 360 | 12,7 | 10 | PHG SPA2360 |
| | 2 382 | 12,7 | 10 | PHG SPA2382 |
| | 2 430 | 12,7 | 10 | PHG SPA2430 |
| | 2 432 | 12,7 | 10 | PHG SPA2432 |
| | 2 482 | 12,7 | 10 | PHG SPA2482 |
| | 2 500 | 12,7 | 10 | PHG SPA2500 |
| | 2 532 | 12,7 | 10 | PHG SPA2532 |
| | 2 582 | 12,7 | 10 | PHG SPA2582 |
| | 2 607 | 12,7 | 10 | PHG SPA2607 |
| | 2 632 | 12,7 | 10 | PHG SPA2632 |
| SPA | 2 650 | 12,7 | 10 | PHG SPA2650 |
| | 2 682 | 12,7 | 10 | PHG SPA2682 |
| | 2 732 | 12,7 | 10 | PHG SPA2732 |
| | 2 782 | 12,7 | 10 | PHG SPA2782 |
| | 2 800 | 12,7 | 10 | PHG SPA2800 |
| | 2 832 | 12,7 | 10 | PHG SPA2832 |
| | 2 847 | 12,7 | 10 | PHG SPA2847 |
| | 2 882 | 12,7 | 10 | PHG SPA2882 |
| | 2 900 | 12,7 | 10 | PHG SPA2900 |
| | 2 932 | 12,7 | 10 | PHG SPA2932 |
| | 2 982 | 12,7 | 10 | PHG SPA2982 |
| | 3 000 | 12,7 | 10 | PHG SPA3000 |
| | 3 032 | 12,7 | 10 | PHG SPA3032 |
| | 3 082 | 12,7 | 10 | PHG SPA3082 |
| | 3 150 | 12,7 | 10 | PHG SPA3150 |
| | 3 182 | 12,7 | 10 | PHG SPA3182 |
| | 3 282 | 12,7 | 10 | PHG SPA3282 |
| | 3 350 | 12,7 | 10 | PHG SPA3350 |
| | 3 382 | 12,7 | 10 | PHG SPA3382 |
| | 3 550 | 12,7 | 10 | PHG SPA3550 |
| | 3 750 | 12,7 | 10 | PHG SPA3750 |
| | 4 000 | 12,7 | 10 | PHG SPA4000 |
| | 4 250 | 12,7 | 10 | PHG SPA4250 |
| | 4 500 | 12,7 | 10 | PHG SPA4500 |
| SPB | 1 250 | 16,3 | 13 | PHG SPB1250 |
| | 1 260 | 16,3 | 13 | PHG SPB1260 |
| | 1 270 | 16,3 | 13 | PHG SPB1270 |
| | 1 280 | 16,3 | 13 | PHG SPB1280 |
| | 1 320 | 16,3 | 13 | PHG SPB1320 |
| | 1 340 | 16,3 | 13 | PHG SPB1340 |
| | 1 400 | 16,3 | 13 | PHG SPB1400 |
| | 1 410 | 16,3 | 13 | PHG SPB1410 |
| | 1 450 | 16,3 | 13 | PHG SPB1450 |
| | 1 465 | 16,3 | 13 | PHG SPB1465 |
| | 1 500 | 16,3 | 13 | PHG SPB1500 |
| | 1 510 | 16,3 | 13 | PHG SPB1510 |
| | 1 525 | 16,3 | 13 | PHG SPB1525 |
| | 1 590 | 16,3 | 13 | PHG SPB1590 |
| | 1 600 | 16,3 | 13 | PHG SPB1600 |
| | 1 650 | 16,3 | 13 | PHG SPB1650 |
| | 1 690 | 16,3 | 13 | PHG SPB1690 |
| | 1 700 | 16,3 | 13 | PHG SPB1700 |
| | 1 720 | 16,3 | 13 | PHG SPB1720 |
| | 1 750 | 16,3 | 13 | PHG SPB1750 |
| | 1 800 | 16,3 | 13 | PHG SPB1800 |
| | 1 850 | 16,3 | 13 | PHG SPB1850 |
| | 1 900 | 16,3 | 13 | PHG SPB1900 |
| | 2 000 | 16,3 | 13 | PHG SPB2000 |
| | 2 020 | 16,3 | 13 | PHG SPB2020 |
| | 2 060 | 16,3 | 13 | PHG SPB2060 |
| | 2 120 | 16,3 | 13 | PHG SPB2120 |
| | 2 150 | 16,3 | 13 | PHG SPB2150 |
| | 2 180 | 16,3 | 13 | PHG SPB2180 |
| | 2 240 | 16,3 | 13 | PHG SPB2240 |
| | 2 280 | 16,3 | 13 | PHG SPB2280 |
| | 2 360 | 16,3 | 13 | PHG SPB2360 |
| | 2 410 | 16,3 | 13 | PHG SPB2410 |
| | 2 430 | 16,3 | 13 | PHG SPB2430 |
| | 2 500 | 16,3 | 13 | PHG SPB2500 |
| | 2 530 | 16,3 | 13 | PHG SPB2530 |
| | 2 580 | 16,3 | 13 | PHG SPB2580 |
| | 2 600 | 16,3 | 13 | PHG SPB2600 |
| | 2 650 | 16,3 | 13 | PHG SPB2650 |
| | 2 680 | 16,3 | 13 | PHG SPB2680 |
| | 2 700 | 16,3 | 13 | PHG SPB2700 |
| | 2 800 | 16,3 | 13 | PHG SPB2800 |
| | 2 840 | 16,3 | 13 | PHG SPB2840 |
| | 2 900 | 16,3 | 13 | PHG SPB2900 |
| | 2 990 | 16,3 | 13 | PHG SPB2990 |
| | 3 000 | 16,3 | 13 | PHG SPB3000 |
| | 3 070 | 16,3 | 13 | PHG SPB3070 |
| | 3 150 | 16,3 | 13 | PHG SPB3150 |
| | 3 250 | 16,3 | 13 | PHG SPB3250 |
| | 3 350 | 16,3 | 13 | PHG SPB3350 |
| | 3 450 | 16,3 | 13 | PHG SPB3450 |
| | 3 550 | 16,3 | 13 | PHG SPB3550 |
| SPB | 3 650 | 16,3 | 13 | PHG SPB3650 |
| | 3 750 | 16,3 | 13 | PHG SPB3750 |
| | 3 800 | 16,3 | 13 | PHG SPB3800 |
| | 3 870 | 16,3 | 13 | PHG SPB3870 |
| | 4 000 | 16,3 | 13 | PHG SPB4000 |
| | 4 060 | 16,3 | 13 | PHG SPB4060 |
| | 4 120 | 16,3 | 13 | PHG SPB4120 |
| | 4 250 | 16,3 | 13 | PHG SPB4250 |
| | 4 310 | 16,3 | 13 | PHG SPB4310 |
| | 4 500 | 16,3 | 13 | PHG SPB4500 |
| | 4 560 | 16,3 | 13 | PHG SPB4560 |
| | 4 620 | 16,3 | 13 | PHG SPB4620 |
| | 4 750 | 16,3 | 13 | PHG SPB4750 |
| | 4 820 | 16,3 | 13 | PHG SPB4820 |
| | 5 000 | 16,3 | 13 | PHG SPB5000 |
| | 5 070 | 16,3 | 13 | PHG SPB5070 |
| | 5 300 | 16,3 | 13 | PHG SPB5300 |
| | 5 380 | 16,3 | 13 | PHG SPB5380 |
| | 5 500 | 16,3 | 13 | PHG SPB5500 |
| | 5 600 | 16,3 | 13 | PHG SPB5600 |
| | 5 680 | 16,3 | 13 | PHG SPB5680 |
| | 6 000 | 16,3 | 13 | PHG SPB6000 |
| | 6 300 | 16,3 | 13 | PHG SPB6300 |
| | 6 340 | 16,3 | 13 | PHG SPB6340 |
| | 6 700 | 16,3 | 13 | PHG SPB6700 |
| | 7 100 | 16,3 | 13 | PHG SPB7100 |
| | 7 500 | 16,3 | 13 | PHG SPB7500 |
| | 8 000 | 16,3 | 13 | PHG SPB8000 |
| SPC | 1 700 | 22,0 | 18 | PHG SPC1700 |
| | 2 000 | 22,0 | 18 | PHG SPC2000 |
| | 2 120 | 22,0 | 18 | PHG SPC2120 |
| | 2 240 | 22,0 | 18 | PHG SPC2240 |
| | 2 360 | 22,0 | 18 | PHG SPC2360 |
| | 2 500 | 22,0 | 18 | PHG SPC2500 |
| | 2 650 | 22,0 | 18 | PHG SPC2650 |
| | 2 800 | 22,0 | 18 | PHG SPC2800 |
| | 3 000 | 22,0 | 18 | PHG SPC3000 |
| | 3 150 | 22,0 | 18 | PHG SPC3150 |
| | 3 350 | 22,0 | 18 | PHG SPC3350 |
| | 3 550 | 22,0 | 18 | PHG SPC3550 |
| | 3 750 | 22,0 | 18 | PHG SPC3750 |
| | 4 000 | 22,0 | 18 | PHG SPC4000 |
| | 4 250 | 22,0 | 18 | PHG SPC4250 |
| | 4 500 | 22,0 | 18 | PHG SPC4500 |
| | 4 750 | 22,0 | 18 | PHG SPC4750 |
| | 5 000 | 22,0 | 18 | PHG SPC5000 |
| | 5 300 | 22,0 | 18 | PHG SPC5300 |
| | 5 600 | 22,0 | 18 | PHG SPC5600 |
| | 6 000 | 22,0 | 18 | PHG SPC6000 |
| | 6 300 | 22,0 | 18 | PHG SPC6300 |
| | 6 700 | 22,0 | 18 | PHG SPC6700 |
| | 7 100 | 22,0 | 18 | PHG SPC7100 |
| | 7 500 | 22,0 | 18 | PHG SPC7500 |
| | 8 000 | 22,0 | 18 | PHG SPC8000 |
| | 8 500 | 22,0 | 18 | PHG SPC8500 |
| | 9 000 | 22,0 | 18 | PHG SPC9000 |
| | 9 500 | 22,0 | 18 | PHG SPC9500 |
| | 10 000 | 22,0 | 18 | PHG SPC10000 |
| | 10 600 | 22,0 | 18 | PHG SPC10600 |
| | 11 200 | 22,0 | 18 | PHG SPC11200 |
| | 11 800 | 22,0 | 18 | PHG SPC11800 |
| | 12 500 | 22,0 | 18 | PHG SPC12500 |

Non-standard lengths are also available.




| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **10/Z** | 395 | 381 | 15,00 | 10 | 6 | **PHG Z15** |
| | 420 | 406 | 16,00 | 10 | 6 | **PHG Z16** |
| | 445 | 432 | 17,00 | 10 | 6 | **PHG Z17** |
| | 470 | 457 | 18,00 | 10 | 6 | **PHG Z18** |
| | 495 | 483 | 19,00 | 10 | 6 | **PHG Z19** |
| | 520 | 508 | 20,00 | 10 | 6 | **PHG Z20** |
| | 545 | 533 | 21,00 | 10 | 6 | **PHG Z21** |
| | 570 | 559 | 22,00 | 10 | 6 | **PHG Z22** |
| | 600 | 584 | 23,00 | 10 | 6 | **PHG Z23** |
| | 620 | 610 | 24,00 | 10 | 6 | **PHG Z24** |
| | 650 | 635 | 25,00 | 10 | 6 | **PHG Z25** |
| | 680 | 660 | 26,00 | 10 | 6 | **PHG Z26** |
| | 700 | 686 | 27,00 | 10 | 6 | **PHG Z27** |
| | 725 | 711 | 28,00 | 10 | 6 | **PHG Z28** |
| | 750 | 737 | 29,00 | 10 | 6 | **PHG Z29** |
| | 780 | 762 | 30,00 | 10 | 6 | **PHG Z30** |
| | 800 | 787 | 31,00 | 10 | 6 | **PHG Z31** |
| | 840 | 813 | 32,00 | 10 | 6 | **PHG Z32** |
| | 850 | 838 | 33,00 | 10 | 6 | **PHG Z33** |
| | 875 | 864 | 34,00 | 10 | 6 | **PHG Z34** |
| | 900 | 889 | 35,00 | 10 | 6 | **PHG Z35** |
| | 930 | 914 | 36,00 | 10 | 6 | **PHG Z36** |
| | 950 | 940 | 37,00 | 10 | 6 | **PHG Z37** |
| | 980 | 965 | 38,00 | 10 | 6 | **PHG Z38** |
| | 1 015 | 991 | 39,00 | 10 | 6 | **PHG Z39** |
| | 1 035 | 1 016 | 40,00 | 10 | 6 | **PHG Z40** |
| | 1 055 | 1 041 | 41,00 | 10 | 6 | **PHG Z41** |
| | 1 080 | 1 067 | 42,00 | 10 | 6 | **PHG Z42** |
| | 1 105 | 1 092 | 43,00 | 10 | 6 | **PHG Z43** |
| | 1 130 | 1 118 | 44,00 | 10 | 6 | **PHG Z44** |
| | 1 155 | 1 143 | 45,00 | 10 | 6 | **PHG Z45** |
| | 1 190 | 1 168 | 46,00 | 10 | 6 | **PHG Z46** |
| | 1 205 | 1 194 | 47,00 | 10 | 6 | **PHG Z47** |
| | 1 240 | 1 219 | 48,00 | 10 | 6 | **PHG Z48** |
| | 1 270 | 1 245 | 49,00 | 10 | 6 | **PHG Z49** |
| | 1 290 | 1 270 | 50,00 | 10 | 6 | **PHG Z50** |
| | 1 330 | 1 295 | 51,00 | 10 | 6 | **PHG Z51** |
| | 1 340 | 1 321 | 52,00 | 10 | 6 | **PHG Z52** |
| | 1 380 | 1 346 | 53,00 | 10 | 6 | **PHG Z53** |
| | 1 390 | 1 372 | 54,00 | 10 | 6 | **PHG Z54** |
| | 1 420 | 1 397 | 55,00 | 10 | 6 | **PHG Z55** |
| | 1 440 | 1 422 | 56,00 | 10 | 6 | **PHG Z56** |
| | 1 465 | 1 448 | 57,00 | 10 | 6 | **PHG Z57** |
| | 1 515 | 1 499 | 59,00 | 10 | 6 | **PHG Z59** |
| | 1 540 | 1 524 | 60,00 | 10 | 6 | **PHG Z60** |
| | 1 570 | 1 549 | 61,00 | 10 | 6 | **PHG Z61** |
| | 1 595 | 1 575 | 62,00 | 10 | 6 | **PHG Z62** |
| | 1 620 | 1 600 | 63,00 | 10 | 6 | **PHG Z63** |
| | 1 645 | 1 626 | 64,00 | 10 | 6 | **PHG Z64** |
| | 1 670 | 1 651 | 65,00 | 10 | 6 | **PHG Z65** |
| | 1 695 | 1 676 | 66,00 | 10 | 6 | **PHG Z66** |
| | 1 720 | 1 702 | 67,00 | 10 | 6 | **PHG Z67** |
| | 1 750 | 1 727 | 68,00 | 10 | 6 | **PHG Z68** |
| | 1 770 | 1 753 | 69,00 | 10 | 6 | **PHG Z69** |
| | 1 820 | 1 803 | 71,00 | 10 | 6 | **PHG Z71** |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **10/Z** | 1 930 | 1 905 | 75,00 | 10 | 6 | **PHG Z75** |
| | 2 000 | 1 981 | 78,00 | 10 | 6 | **PHG Z78** |
| | 2 025 | 2 007 | 79,00 | 10 | 6 | **PHG Z79** |
| **13/A** | 436 | 406 | 16,00 | 13 | 8 | **PHG A16** |
| | 487 | 457 | 18,00 | 13 | 8 | **PHG A18** |
| | 510 | 483 | 19,00 | 13 | 8 | **PHG A19** |
| | 540 | 508 | 20,00 | 13 | 8 | **PHG A20** |
| | 570 | 533 | 21,00 | 13 | 8 | **PHG A21** |
| | 590 | 559 | 22,00 | 13 | 8 | **PHG A22** |
| | 620 | 584 | 23,00 | 13 | 8 | **PHG A23** |
| | 640 | 610 | 24,00 | 13 | 8 | **PHG A24** |
| | 670 | 635 | 25,00 | 13 | 8 | **PHG A25** |
| | 700 | 660 | 26,00 | 13 | 8 | **PHG A26** |
| | 720 | 686 | 27,00 | 13 | 8 | **PHG A27** |
| | 740 | 711 | 28,00 | 13 | 8 | **PHG A28** |
| | 770 | 737 | 29,00 | 13 | 8 | **PHG A29** |
| | 790 | 762 | 30,00 | 13 | 8 | **PHG A30** |
| | 817 | 787 | 31,00 | 13 | 8 | **PHG A31** |
| | 850 | 813 | 32,00 | 13 | 8 | **PHG A32** |
| | 870 | 838 | 33,00 | 13 | 8 | **PHG A33** |
| | 890 | 864 | 34,00 | 13 | 8 | **PHG A34** |
| | 920 | 889 | 35,00 | 13 | 8 | **PHG A35** |
| | 950 | 914 | 36,00 | 13 | 8 | **PHG A36** |
| | 970 | 940 | 37,00 | 13 | 8 | **PHG A37** |
| | 990 | 965 | 38,00 | 13 | 8 | **PHG A38** |
| | 1 020 | 991 | 39,00 | 13 | 8 | **PHG A39** |
| | 1 050 | 1 016 | 40,00 | 13 | 8 | **PHG A40** |
| | 1 070 | 1 041 | 41,00 | 13 | 8 | **PHG A41** |
| | 1 100 | 1 067 | 42,00 | 13 | 8 | **PHG A42** |
| | 1 130 | 1 092 | 43,00 | 13 | 8 | **PHG A43** |
| | 1 150 | 1 118 | 44,00 | 13 | 8 | **PHG A44** |
| | 1 180 | 1 143 | 45,00 | 13 | 8 | **PHG A45** |
| | 1 200 | 1 168 | 46,00 | 13 | 8 | **PHG A46** |
| | 1 230 | 1 194 | 47,00 | 13 | 8 | **PHG A47** |
| | 1 250 | 1 219 | 48,00 | 13 | 8 | **PHG A48** |
| | 1 280 | 1 245 | 49,00 | 13 | 8 | **PHG A49** |
| | 1 300 | 1 270 | 50,00 | 13 | 8 | **PHG A50** |
| | 1 330 | 1 295 | 51,00 | 13 | 8 | **PHG A51** |
| | 1 360 | 1 321 | 52,00 | 13 | 8 | **PHG A52** |
| | 1 380 | 1 346 | 53,00 | 13 | 8 | **PHG A53** |
| | 1 410 | 1 372 | 54,00 | 13 | 8 | **PHG A54** |
| | 1 430 | 1 397 | 55,00 | 13 | 8 | **PHG A55** |
| | 1 460 | 1 422 | 56,00 | 13 | 8 | **PHG A56** |
| | 1 480 | 1 448 | 57,00 | 13 | 8 | **PHG A57** |
| | 1 510 | 1 473 | 58,00 | 13 | 8 | **PHG A58** |
| | 1 530 | 1 499 | 59,00 | 13 | 8 | **PHG A59** |
| | 1 550 | 1 524 | 60,00 | 13 | 8 | **PHG A60** |
| | 1 580 | 1 549 | 61,00 | 13 | 8 | **PHG A61** |
| | 1 610 | 1 575 | 62,00 | 13 | 8 | **PHG A62** |
| | 1 640 | 1 600 | 63,00 | 13 | 8 | **PHG A63** |
| | 1 660 | 1 626 | 64,00 | 13 | 8 | **PHG A64** |
| | 1 690 | 1 651 | 65,00 | 13 | 8 | **PHG A65** |
| | 1 710 | 1 676 | 66,00 | 13 | 8 | **PHG A66** |
| | 1 740 | 1 702 | 67,00 | 13 | 8 | **PHG A67** |

Non-standard lengths are also available.

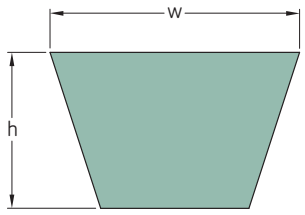
## SKF Wrapped Classical Belts

13/A | 17/B

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **13/A** | 1 760 | 1 727 | 68,00 | 13 | 8 | **PHG A68** |
| | 1 790 | 1 753 | 69,00 | 13 | 8 | **PHG A69** |
| | 1 810 | 1 778 | 70,00 | 13 | 8 | **PHG A70** |
| | 1 840 | 1 803 | 71,00 | 13 | 8 | **PHG A71** |
| | 1 860 | 1 829 | 72,00 | 13 | 8 | **PHG A72** |
| | 1 890 | 1 854 | 73,00 | 13 | 8 | **PHG A73** |
| | 1 920 | 1 880 | 74,00 | 13 | 8 | **PHG A74** |
| | 1 940 | 1 905 | 75,00 | 13 | 8 | **PHG A75** |
| | 1 960 | 1 930 | 76,00 | 13 | 8 | **PHG A76** |
| | 1 990 | 1 956 | 77,00 | 13 | 8 | **PHG A77** |
| | 2 020 | 1 981 | 78,00 | 13 | 8 | **PHG A78** |
| | 2 050 | 2 007 | 79,00 | 13 | 8 | **PHG A79** |
| | 2 070 | 2 032 | 80,00 | 13 | 8 | **PHG A80** |
| | 2 090 | 2 057 | 81,00 | 13 | 8 | **PHG A81** |
| | 2 120 | 2 083 | 82,00 | 13 | 8 | **PHG A82** |
| | 2 140 | 2 108 | 83,00 | 13 | 8 | **PHG A83** |
| | 2 170 | 2 134 | 84,00 | 13 | 8 | **PHG A84** |
| | 2 200 | 2 159 | 85,00 | 13 | 8 | **PHG A85** |
| | 2 220 | 2 184 | 86,00 | 13 | 8 | **PHG A86** |
| | 2 240 | 2 210 | 87,00 | 13 | 8 | **PHG A87** |
| | 2 270 | 2 235 | 88,00 | 13 | 8 | **PHG A88** |
| | 2 300 | 2 261 | 89,00 | 13 | 8 | **PHG A89** |
| | 2 320 | 2 286 | 90,00 | 13 | 8 | **PHG A90** |
| | 2 350 | 2 311 | 91,00 | 13 | 8 | **PHG A91** |
| | 2 370 | 2 337 | 92,00 | 13 | 8 | **PHG A92** |
| | 2 400 | 2 362 | 93,00 | 13 | 8 | **PHG A93** |
| | 2 420 | 2 388 | 94,00 | 13 | 8 | **PHG A94** |
| | 2 450 | 2 413 | 95,00 | 13 | 8 | **PHG A95** |
| | 2 480 | 2 438 | 96,00 | 13 | 8 | **PHG A96** |
| | 2 500 | 2 464 | 97,00 | 13 | 8 | **PHG A97** |
| | 2 520 | 2 489 | 98,00 | 13 | 8 | **PHG A98** |
| | 2 550 | 2 515 | 99,00 | 13 | 8 | **PHG A99** |
| | 2 570 | 2 540 | 100,00 | 13 | 8 | **PHG A100** |
| | 2 630 | 2 591 | 102,00 | 13 | 8 | **PHG A102** |
| | 2 680 | 2 642 | 104,00 | 13 | 8 | **PHG A104** |
| | 2 700 | 2 667 | 105,00 | 13 | 8 | **PHG A105** |
| | 2 750 | 2 718 | 107,00 | 13 | 8 | **PHG A107** |
| | 2 780 | 2 743 | 108,00 | 13 | 8 | **PHG A108** |
| | 2 830 | 2 794 | 110,00 | 13 | 8 | **PHG A110** |
| | 2 880 | 2 845 | 112,00 | 13 | 8 | **PHG A112** |
| | 2 930 | 2 896 | 114,00 | 13 | 8 | **PHG A114** |
| | 2 980 | 2 946 | 116,00 | 13 | 8 | **PHG A116** |
| | 3 030 | 2 997 | 118,00 | 13 | 8 | **PHG A118** |
| | 3 080 | 3 048 | 120,00 | 13 | 8 | **PHG A120** |
| | 3 190 | 3 150 | 124,00 | 13 | 8 | **PHG A124** |
| | 3 290 | 3 251 | 128,00 | 13 | 8 | **PHG A128** |
| | 3 340 | 3 302 | 130,00 | 13 | 8 | **PHG A130** |
| | 3 390 | 3 353 | 132,00 | 13 | 8 | **PHG A132** |
| | 3 490 | 3 454 | 136,00 | 13 | 8 | **PHG A136** |
| | 3 590 | 3 556 | 140,00 | 13 | 8 | **PHG A140** |
| | 3 690 | 3 658 | 144,00 | 13 | 8 | **PHG A144** |
| | 3 800 | 3 759 | 148,00 | 13 | 8 | **PHG A148** |
| | 3 840 | 3 810 | 150,00 | 13 | 8 | **PHG A150** |
| | 4 043 | 4 013 | 158,00 | 13 | 8 | **PHG A158** |
| | 4 424 | 4 394 | 173,00 | 13 | 8 | **PHG A173** |
| | 4 780 | 4 750 | 187,00 | 13 | 8 | **PHG A187** |
| **17/B** | 624 | 584 | 23,00 | 17 | 11 | **PHG B23** |
| | 650 | 610 | 24,00 | 17 | 11 | **PHG B24** |
| | 675 | 635 | 25,00 | 17 | 11 | **PHG B25** |
| | 700 | 660 | 26,00 | 17 | 11 | **PHG B26** |
| | 730 | 686 | 27,00 | 17 | 11 | **PHG B27** |
| | 750 | 711 | 28,00 | 17 | 11 | **PHG B28** |
| | 770 | 737 | 29,00 | 17 | 11 | **PHG B29** |
| | 800 | 762 | 30,00 | 17 | 11 | **PHG B30** |
| | 830 | 787 | 31,00 | 17 | 11 | **PHG B31** |
| | 860 | 813 | 32,00 | 17 | 11 | **PHG B32** |
| | 880 | 838 | 33,00 | 17 | 11 | **PHG B33** |
| | 910 | 864 | 34,00 | 17 | 11 | **PHG B34** |
| | 930 | 889 | 35,00 | 17 | 11 | **PHG B35** |
| | 960 | 914 | 36,00 | 17 | 11 | **PHG B36** |
| | 980 | 940 | 37,00 | 17 | 11 | **PHG B37** |
| | 1 000 | 965 | 38,00 | 17 | 11 | **PHG B38** |
| | 1 030 | 991 | 39,00 | 17 | 11 | **PHG B39** |
| | 1 060 | 1 016 | 40,00 | 17 | 11 | **PHG B40** |
| | 1 080 | 1 041 | 41,00 | 17 | 11 | **PHG B41** |
| | 1 100 | 1 067 | 42,00 | 17 | 11 | **PHG B42** |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **17/B** | 1 130 | 1 092 | 43,00 | 17 | 11 | **PHG B43** |
| | 1 160 | 1 118 | 44,00 | 17 | 11 | **PHG B44** |
| | 1 180 | 1 143 | 45,00 | 17 | 11 | **PHG B45** |
| | 1 210 | 1 168 | 46,00 | 17 | 11 | **PHG B46** |
| | 1 240 | 1 194 | 47,00 | 17 | 11 | **PHG B47** |
| | 1 260 | 1 219 | 48,00 | 17 | 11 | **PHG B48** |
| | 1 290 | 1 245 | 49,00 | 17 | 11 | **PHG B49** |
| | 1 310 | 1 270 | 50,00 | 17 | 11 | **PHG B50** |
| | 1 340 | 1 295 | 51,00 | 17 | 11 | **PHG B51** |
| | 1 370 | 1 321 | 52,00 | 17 | 11 | **PHG B52** |
| | 1 390 | 1 346 | 53,00 | 17 | 11 | **PHG B53** |
| | 1 410 | 1 372 | 54,00 | 17 | 11 | **PHG B54** |
| | 1 440 | 1 397 | 55,00 | 17 | 11 | **PHG B55** |
| | 1 460 | 1 422 | 56,00 | 17 | 11 | **PHG B56** |
| | 1 490 | 1 448 | 57,00 | 17 | 11 | **PHG B57** |
| | 1 510 | 1 473 | 58,00 | 17 | 11 | **PHG B58** |
| | 1 540 | 1 499 | 59,00 | 17 | 11 | **PHG B59** |
| | 1 560 | 1 524 | 60,00 | 17 | 11 | **PHG B60** |
| | 1 590 | 1 549 | 61,00 | 17 | 11 | **PHG B61** |
| | 1 620 | 1 575 | 62,00 | 17 | 11 | **PHG B62** |
| | 1 640 | 1 600 | 63,00 | 17 | 11 | **PHG B63** |
| | 1 670 | 1 626 | 64,00 | 17 | 11 | **PHG B64** |
| | 1 690 | 1 651 | 65,00 | 17 | 11 | **PHG B65** |
| | 1 720 | 1 676 | 66,00 | 17 | 11 | **PHG B66** |
| | 1 740 | 1 702 | 67,00 | 17 | 11 | **PHG B67** |
| | 1 760 | 1 727 | 68,00 | 17 | 11 | **PHG B68** |
| | 1 800 | 1 753 | 69,00 | 17 | 11 | **PHG B69** |
| | 1 820 | 1 778 | 70,00 | 17 | 11 | **PHG B70** |
| | 1 850 | 1 803 | 71,00 | 17 | 11 | **PHG B71** |
| | 1 870 | 1 829 | 72,00 | 17 | 11 | **PHG B72** |
| | 1 900 | 1 854 | 73,00 | 17 | 11 | **PHG B73** |
| | 1 920 | 1 880 | 74,00 | 17 | 11 | **PHG B74** |
| | 1 950 | 1 905 | 75,00 | 17 | 11 | **PHG B75** |
| | 1 970 | 1 930 | 76,00 | 17 | 11 | **PHG B76** |
| | 2 000 | 1 956 | 77,00 | 17 | 11 | **PHG B77** |
| | 2 020 | 1 981 | 78,00 | 17 | 11 | **PHG B78** |
| | 2 050 | 2 007 | 79,00 | 17 | 11 | **PHG B79** |
| | 2 070 | 2 032 | 80,00 | 17 | 11 | **PHG B80** |
| | 2 100 | 2 057 | 81,00 | 17 | 11 | **PHG B81** |
| | 2 130 | 2 083 | 82,00 | 17 | 11 | **PHG B82** |
| | 2 150 | 2 108 | 83,00 | 17 | 11 | **PHG B83** |
| | 2 180 | 2 134 | 84,00 | 17 | 11 | **PHG B84** |
| | 2 200 | 2 159 | 85,00 | 17 | 11 | **PHG B85** |
| | 2 230 | 2 184 | 86,00 | 17 | 11 | **PHG B86** |
| | 2 250 | 2 210 | 87,00 | 17 | 11 | **PHG B87** |
| | 2 280 | 2 235 | 88,00 | 17 | 11 | **PHG B88** |
| | 2 300 | 2 261 | 89,00 | 17 | 11 | **PHG B89** |
| | 2 330 | 2 286 | 90,00 | 17 | 11 | **PHG B90** |
| | 2 350 | 2 311 | 91,00 | 17 | 11 | **PHG B91** |
| | 2 380 | 2 337 | 92,00 | 17 | 11 | **PHG B92** |
| | 2 400 | 2 362 | 93,00 | 17 | 11 | **PHG B93** |
| | 2 420 | 2 388 | 94,00 | 17 | 11 | **PHG B94** |
| | 2 450 | 2 413 | 95,00 | 17 | 11 | **PHG B95** |
| | 2 480 | 2 438 | 96,00 | 17 | 11 | **PHG B96** |
| | 2 500 | 2 464 | 97,00 | 17 | 11 | **PHG B97** |
| | 2 530 | 2 489 | 98,00 | 17 | 11 | **PHG B98** |
| | 2 560 | 2 515 | 99,00 | 17 | 11 | **PHG B99** |
| | 2 580 | 2 540 | 100,00 | 17 | 11 | **PHG B100** |
| | 2 610 | 2 565 | 101,00 | 17 | 11 | **PHG B101** |
| | 2 630 | 2 591 | 102,00 | 17 | 11 | **PHG B102** |
| | 2 660 | 2 616 | 103,00 | 17 | 11 | **PHG B103** |
| | 2 680 | 2 642 | 104,00 | 17 | 11 | **PHG B104** |
| | 2 700 | 2 667 | 105,00 | 17 | 11 | **PHG B105** |
| | 2 740 | 2 692 | 106,00 | 17 | 11 | **PHG B106** |
| | 2 760 | 2 718 | 107,00 | 17 | 11 | **PHG B107** |
| | 2 790 | 2 743 | 108,00 | 17 | 11 | **PHG B108** |
| | 2 840 | 2 794 | 110,00 | 17 | 11 | **PHG B110** |
| | 2 890 | 2 845 | 112,00 | 17 | 11 | **PHG B112** |
| | 2 940 | 2 896 | 114,00 | 17 | 11 | **PHG B114** |
| | 2 960 | 2 921 | 115,00 | 17 | 11 | **PHG B115** |
| | 2 990 | 2 946 | 116,00 | 17 | 11 | **PHG B116** |
| | 3 040 | 2 997 | 118,00 | 17 | 11 | **PHG B118** |
| | 3 090 | 3 048 | 120,00 | 17 | 11 | **PHG B120** |
| | 3 140 | 3 099 | 122,00 | 17 | 11 | **PHG B122** |
| | 3 200 | 3 150 | 124,00 | 17 | 11 | **PHG B124** |
| | 3 240 | 3 200 | 126,00 | 17 | 11 | **PHG B126** |

Non-standard lengths are also available.




| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **17/B** | 3 290 | 3 251 | 128,00 | 17 | 11 | **PHG B128** |
| | 3 350 | 3 302 | 130,00 | 17 | 11 | **PHG B130** |
| | 3 400 | 3 353 | 132,00 | 17 | 11 | **PHG B132** |
| | 3 450 | 3 404 | 134,00 | 17 | 11 | **PHG B134** |
| | 3 500 | 3 454 | 136,00 | 17 | 11 | **PHG B136** |
| | 3 550 | 3 505 | 138,00 | 17 | 11 | **PHG B138** |
| | 3 600 | 3 556 | 140,00 | 17 | 11 | **PHG B140** |
| | 3 650 | 3 607 | 142,00 | 17 | 11 | **PHG B142** |
| | 3 700 | 3 658 | 144,00 | 17 | 11 | **PHG B144** |
| | 3 750 | 3 708 | 146,00 | 17 | 11 | **PHG B146** |
| | 3 800 | 3 759 | 148,00 | 17 | 11 | **PHG B148** |
| | 3 850 | 3 810 | 150,00 | 17 | 11 | **PHG B150** |
| | 3 870 | 3 835 | 151,00 | 17 | 11 | **PHG B151** |
| | 3 900 | 3 861 | 152,00 | 17 | 11 | **PHG B152** |
| | 3 950 | 3 912 | 154,00 | 17 | 11 | **PHG B154** |
| | 4 010 | 3 962 | 156,00 | 17 | 11 | **PHG B156** |
| | 4 060 | 4 013 | 158,00 | 17 | 11 | **PHG B158** |
| | 4 110 | 4 064 | 160,00 | 17 | 11 | **PHG B160** |
| | 4 160 | 4 115 | 162,00 | 17 | 11 | **PHG B162** |
| | 4 200 | 4 166 | 164,00 | 17 | 11 | **PHG B164** |
| | 4 230 | 4 191 | 165,00 | 17 | 11 | **PHG B165** |
| | 4 280 | 4 242 | 167,00 | 17 | 11 | **PHG B167** |
| | 4 360 | 4 318 | 170,00 | 17 | 11 | **PHG B170** |
| | 4 430 | 4 394 | 173,00 | 17 | 11 | **PHG B173** |
| | 4 490 | 4 445 | 175,00 | 17 | 11 | **PHG B175** |
| | 4 540 | 4 496 | 177,00 | 17 | 11 | **PHG B177** |
| | 4 610 | 4 572 | 180,00 | 17 | 11 | **PHG B180** |
| | 4 740 | 4 699 | 185,00 | 17 | 11 | **PHG B185** |
| | 4 800 | 4 750 | 187,00 | 17 | 11 | **PHG B187** |
| | 5 000 | 4 953 | 195,00 | 17 | 11 | **PHG B195** |
| | 5 044 | 5 004 | 197,00 | 17 | 11 | **PHG B197** |
| | 5 220 | 5 182 | 204,00 | 17 | 11 | **PHG B204** |
| | 5 340 | 5 283 | 208,00 | 17 | 11 | **PHG B208** |
| | 5 370 | 5 334 | 210,00 | 17 | 11 | **PHG B210** |
| | 5 630 | 5 588 | 220,00 | 17 | 11 | **PHG B220** |
| | 5 760 | 5 715 | 225,00 | 17 | 11 | **PHG B225** |
| | 6 040 | 5 994 | 236,00 | 17 | 11 | **PHG B236** |
| | 6 140 | 6 096 | 240,00 | 17 | 11 | **PHG B240** |
| | 6 340 | 6 299 | 248,00 | 17 | 11 | **PHG B248** |
| | 6 750 | 6 706 | 264,00 | 17 | 11 | **PHG B264** |
| | 6 900 | 6 858 | 270,00 | 17 | 11 | **PHG B270** |
| | 7 025 | 6 985 | 275,00 | 17 | 11 | **PHG B275** |
| | 7 050 | 7 010 | 276,00 | 17 | 11 | **PHG B276** |
| | 7 150 | 7 112 | 280,00 | 17 | 11 | **PHG B280** |
| | 7 660 | 7 620 | 300,00 | 17 | 11 | **PHG B300** |
| | 8 040 | 8 001 | 315,00 | 17 | 11 | **PHG B315** |
| **22/C** | 1 126 | 1 067 | 42,00 | 22 | 14 | **PHG C42** |
| | 1 150 | 1 092 | 43,00 | 22 | 14 | **PHG C43** |
| | 1 250 | 1 194 | 47,00 | 22 | 14 | **PHG C47** |
| | 1 280 | 1 219 | 48,00 | 22 | 14 | **PHG C48** |
| | 1 300 | 1 245 | 49,00 | 22 | 14 | **PHG C49** |
| | 1 325 | 1 270 | 50,00 | 22 | 14 | **PHG C50** |
| | 1 350 | 1 295 | 51,00 | 22 | 14 | **PHG C51** |
| | 1 370 | 1 321 | 52,00 | 22 | 14 | **PHG C52** |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| **22/C** | 1 400 | 1 346 | 53,00 | 22 | 14 | **PHG C53** |
| | 1 430 | 1 372 | 54,00 | 22 | 14 | **PHG C54** |
| | 1 450 | 1 397 | 55,00 | 22 | 14 | **PHG C55** |
| | 1 480 | 1 422 | 56,00 | 22 | 14 | **PHG C56** |
| | 1 500 | 1 448 | 57,00 | 22 | 14 | **PHG C57** |
| | 1 530 | 1 473 | 58,00 | 22 | 14 | **PHG C58** |
| | 1 560 | 1 499 | 59,00 | 22 | 14 | **PHG C59** |
| | 1 580 | 1 524 | 60,00 | 22 | 14 | **PHG C60** |
| | 1 610 | 1 549 | 61,00 | 22 | 14 | **PHG C61** |
| | 1 630 | 1 575 | 62,00 | 22 | 14 | **PHG C62** |
| | 1 650 | 1 600 | 63,00 | 22 | 14 | **PHG C63** |
| | 1 700 | 1 651 | 65,00 | 22 | 14 | **PHG C65** |
| | 1 730 | 1 676 | 66,00 | 22 | 14 | **PHG C66** |
| | 1 760 | 1 702 | 67,00 | 22 | 14 | **PHG C67** |
| | 1 780 | 1 727 | 68,00 | 22 | 14 | **PHG C68** |
| | 1 810 | 1 753 | 69,00 | 22 | 14 | **PHG C69** |
| | 1 830 | 1 778 | 70,00 | 22 | 14 | **PHG C70** |
| | 1 860 | 1 803 | 71,00 | 22 | 14 | **PHG C71** |
| | 1 880 | 1 829 | 72,00 | 22 | 14 | **PHG C72** |
| | 1 910 | 1 854 | 73,00 | 22 | 14 | **PHG C73** |
| | 1 930 | 1 880 | 74,00 | 22 | 14 | **PHG C74** |
| | 1 950 | 1 905 | 75,00 | 22 | 14 | **PHG C75** |
| | 1 990 | 1 930 | 76,00 | 22 | 14 | **PHG C76** |
| | 2 010 | 1 956 | 77,00 | 22 | 14 | **PHG C77** |
| | 2 040 | 1 981 | 78,00 | 22 | 14 | **PHG C78** |
| | 2 060 | 2 007 | 79,00 | 22 | 14 | **PHG C79** |
| | 2 090 | 2 032 | 80,00 | 22 | 14 | **PHG C80** |
| | 2 110 | 2 057 | 81,00 | 22 | 14 | **PHG C81** |
| | 2 140 | 2 083 | 82,00 | 22 | 14 | **PHG C82** |
| | 2 160 | 2 108 | 83,00 | 22 | 14 | **PHG C83** |
| | 2 190 | 2 134 | 84,00 | 22 | 14 | **PHG C84** |
| | 2 220 | 2 159 | 85,00 | 22 | 14 | **PHG C85** |
| | 2 240 | 2 184 | 86,00 | 22 | 14 | **PHG C86** |
| | 2 270 | 2 210 | 87,00 | 22 | 14 | **PHG C87** |
| | 2 290 | 2 235 | 88,00 | 22 | 14 | **PHG C88** |
| | 2 320 | 2 261 | 89,00 | 22 | 14 | **PHG C89** |
| | 2 340 | 2 286 | 90,00 | 22 | 14 | **PHG C90** |
| | 2 390 | 2 337 | 92,00 | 22 | 14 | **PHG C92** |
| | 2 420 | 2 362 | 93,00 | 22 | 14 | **PHG C93** |
| | 2 440 | 2 388 | 94,00 | 22 | 14 | **PHG C94** |
| | 2 470 | 2 413 | 95,00 | 22 | 14 | **PHG C95** |
| | 2 490 | 2 438 | 96,00 | 22 | 14 | **PHG C96** |
| | 2 520 | 2 464 | 97,00 | 22 | 14 | **PHG C97** |
| | 2 550 | 2 489 | 98,00 | 22 | 14 | **PHG C98** |
| | 2 570 | 2 515 | 99,00 | 22 | 14 | **PHG C99** |
| | 2 600 | 2 540 | 100,00 | 22 | 14 | **PHG C100** |
| | 2 620 | 2 565 | 101,00 | 22 | 14 | **PHG C101** |
| | 2 650 | 2 591 | 102,00 | 22 | 14 | **PHG C102** |
| | 2 700 | 2 642 | 104,00 | 22 | 14 | **PHG C104** |
| | 2 720 | 2 667 | 105,00 | 22 | 14 | **PHG C105** |
| | 2 740 | 2 692 | 106,00 | 22 | 14 | **PHG C106** |
| | 2 800 | 2 743 | 108,00 | 22 | 14 | **PHG C108** |
| | 2 850 | 2 794 | 110,00 | 22 | 14 | **PHG C110** |
| | 2 900 | 2 845 | 112,00 | 22 | 14 | **PHG C112** |
| | 2 950 | 2 896 | 114,00 | 22 | 14 | **PHG C114** |

Non-standard lengths are also available.

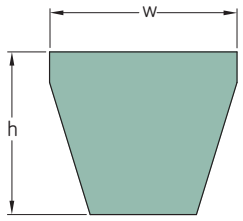
| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| 22/C | 2 980 | 2 921 | 115,00 | 22 | 14 | PHG C115 |
| | 3 000 | 2 946 | 116,00 | 22 | 14 | PHG C116 |
| | 3 050 | 2 997 | 118,00 | 22 | 14 | PHG C118 |
| | 3 100 | 3 048 | 120,00 | 22 | 14 | PHG C120 |
| | 3 160 | 3 099 | 122,00 | 22 | 14 | PHG C122 |
| | 3 210 | 3 150 | 124,00 | 22 | 14 | PHG C124 |
| | 3 270 | 3 200 | 126,00 | 22 | 14 | PHG C126 |
| | 3 310 | 3 251 | 128,00 | 22 | 14 | PHG C128 |
| | 3 360 | 3 302 | 130,00 | 22 | 14 | PHG C130 |
| | 3 410 | 3 353 | 132,00 | 22 | 14 | PHG C132 |
| | 3 460 | 3 404 | 134,00 | 22 | 14 | PHG C134 |
| | 3 520 | 3 454 | 136,00 | 22 | 14 | PHG C136 |
| | 3 560 | 3 505 | 138,00 | 22 | 14 | PHG C138 |
| | 3 610 | 3 556 | 140,00 | 22 | 14 | PHG C140 |
| | 3 660 | 3 607 | 142,00 | 22 | 14 | PHG C142 |
| | 3 710 | 3 658 | 144,00 | 22 | 14 | PHG C144 |
| | 3 760 | 3 708 | 146,00 | 22 | 14 | PHG C146 |
| | 3 820 | 3 759 | 148,00 | 22 | 14 | PHG C148 |
| | 3 870 | 3 810 | 150,00 | 22 | 14 | PHG C150 |
| | 3 920 | 3 861 | 152,00 | 22 | 14 | PHG C152 |
| | 4 060 | 4 013 | 158,00 | 22 | 14 | PHG C158 |
| | 4 170 | 4 115 | 162,00 | 22 | 14 | PHG C162 |
| | 4 280 | 4 216 | 166,00 | 22 | 14 | PHG C166 |
| | 4 300 | 4 242 | 167,00 | 22 | 14 | PHG C167 |
| | 4 320 | 4 267 | 168,00 | 22 | 14 | PHG C168 |
| | 4 450 | 4 394 | 173,00 | 22 | 14 | PHG C173 |
| | 4 500 | 4 445 | 175,00 | 22 | 14 | PHG C175 |
| | 4 560 | 4 496 | 177,00 | 22 | 14 | PHG C177 |
| | 4 630 | 4 572 | 180,00 | 22 | 14 | PHG C180 |
| | 4 810 | 4 750 | 187,00 | 22 | 14 | PHG C187 |
| | 4 880 | 4 826 | 190,00 | 22 | 14 | PHG C190 |
| | 5 010 | 4 953 | 195,00 | 22 | 14 | PHG C195 |
| | 5 060 | 5 004 | 197,00 | 22 | 14 | PHG C197 |
| | 5 240 | 5 182 | 204,00 | 22 | 14 | PHG C204 |
| | 5 340 | 5 283 | 208,00 | 22 | 14 | PHG C208 |
| | 5 380 | 5 334 | 210,00 | 22 | 14 | PHG C210 |
| | 5 640 | 5 588 | 220,00 | 22 | 14 | PHG C220 |
| | 5 770 | 5 715 | 225,00 | 22 | 14 | PHG C225 |
| | 6 050 | 5 994 | 236,00 | 22 | 14 | PHG C236 |
| | 6 100 | 6 045 | 238,00 | 22 | 14 | PHG C238 |
| | 6 150 | 6 096 | 240,00 | 22 | 14 | PHG C240 |
| | 6 360 | 6 299 | 248,00 | 22 | 14 | PHG C248 |
| | 6 535 | 6 477 | 255,00 | 22 | 14 | PHG C255 |
| | 6 760 | 6 706 | 264,00 | 22 | 14 | PHG C264 |
| | 6 910 | 6 858 | 270,00 | 22 | 14 | PHG C270 |
| | 7 170 | 7 112 | 280,00 | 22 | 14 | PHG C280 |
| | 7 550 | 7 493 | 295,00 | 22 | 14 | PHG C295 |
| | 7 680 | 7 620 | 300,00 | 22 | 14 | PHG C300 |
| | 8 060 | 8 001 | 315,00 | 22 | 14 | PHG C315 |
| | 8 390 | 8 331 | 328,00 | 22 | 14 | PHG C328 |
| | 8 440 | 8 382 | 330,00 | 22 | 14 | PHG C330 |
| | 9 200 | 9 144 | 360,00 | 22 | 14 | PHG C360 |
| | 9 970 | 9 906 | 390,00 | 22 | 14 | PHG C390 |
| | 10 670 | 10 617 | 418,00 | 22 | 14 | PHG C418 |
| 32/D | 2 560 | 2 489 | 98,00 | 32 | 20 | PHG D98 |
| | 2 720 | 2 642 | 104,00 | 32 | 20 | PHG D104 |
| | 2 740 | 2 667 | 105,00 | 32 | 20 | PHG D105 |
| | 2 870 | 2 794 | 110,00 | 32 | 20 | PHG D110 |
| | 3 080 | 2 997 | 118,00 | 32 | 20 | PHG D118 |
| | 3 130 | 3 048 | 120,00 | 32 | 20 | PHG D120 |
| | 3 225 | 3 150 | 124,00 | 32 | 20 | PHG D124 |
| | 3 330 | 3 251 | 128,00 | 32 | 20 | PHG D128 |
| | 3 430 | 3 353 | 132,00 | 32 | 20 | PHG D132 |
| | 3 530 | 3 454 | 136,00 | 32 | 20 | PHG D136 |
| | 3 555 | 3 480 | 137,00 | 32 | 20 | PHG D137 |
| | 3 640 | 3 556 | 140,00 | 32 | 20 | PHG D140 |
| | 3 730 | 3 658 | 144,00 | 32 | 20 | PHG D144 |
| | 3 830 | 3 759 | 148,00 | 32 | 20 | PHG D148 |
| | 4 080 | 4 013 | 158,00 | 32 | 20 | PHG D158 |
| | 4 190 | 4 115 | 162,00 | 32 | 20 | PHG D162 |
| | 4 320 | 4 242 | 167,00 | 32 | 20 | PHG D167 |
| | 4 395 | 4 318 | 170,00 | 32 | 20 | PHG D170 |
| | 4 470 | 4 394 | 173,00 | 32 | 20 | PHG D173 |
| | 4 580 | 4 496 | 177,00 | 32 | 20 | PHG D177 |
| | 4 650 | 4 572 | 180,00 | 32 | 20 | PHG D180 |
| | 4 830 | 4 750 | 187,00 | 32 | 20 | PHG D187 |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| 32/D | 5 030 | 4 953 | 195,00 | 32 | 20 | PHG D195 |
| | 5 080 | 5 004 | 197,00 | 32 | 20 | PHG D197 |
| | 5 360 | 5 283 | 208,00 | 32 | 20 | PHG D208 |
| | 5 400 | 5 334 | 210,00 | 32 | 20 | PHG D210 |
| | 5 670 | 5 588 | 220,00 | 32 | 20 | PHG D220 |
| | 5 790 | 5 715 | 225,00 | 32 | 20 | PHG D225 |
| | 6 070 | 5 994 | 236,00 | 32 | 20 | PHG D236 |
| | 6 170 | 6 096 | 240,00 | 32 | 20 | PHG D240 |
| | 6 380 | 6 299 | 248,00 | 32 | 20 | PHG D248 |
| | 6 425 | 6 350 | 250,00 | 32 | 20 | PHG D250 |
| | 6 560 | 6 477 | 255,00 | 32 | 20 | PHG D255 |
| | 6 780 | 6 706 | 264,00 | 32 | 20 | PHG D264 |
| | 6 910 | 6 833 | 269,00 | 32 | 20 | PHG D269 |
| | 6 940 | 6 858 | 270,00 | 32 | 20 | PHG D270 |
| | 7 190 | 7 112 | 280,00 | 32 | 20 | PHG D280 |
| | 7 320 | 7 239 | 285,00 | 32 | 20 | PHG D285 |
| | 7 650 | 7 569 | 298,00 | 32 | 20 | PHG D298 |
| | 7 700 | 7 620 | 300,00 | 32 | 20 | PHG D300 |
| | 8 080 | 8 001 | 315,00 | 32 | 20 | PHG D315 |
| | 8 410 | 8 331 | 328,00 | 32 | 20 | PHG D328 |
| | 8 460 | 8 382 | 330,00 | 32 | 20 | PHG D330 |
| | 9 070 | 8 992 | 354,00 | 32 | 20 | PHG D354 |
| | 9 220 | 9 144 | 360,00 | 32 | 20 | PHG D360 |
| | 9 580 | 9 500 | 374,00 | 32 | 20 | PHG D374 |
| | 9 980 | 9 906 | 390,00 | 32 | 20 | PHG D390 |
| | 10 085 | 10 008 | 394,00 | 32 | 20 | PHG D394 |
| | 10 700 | 10 617 | 418,00 | 32 | 20 | PHG D418 |
| | 12 190 | 12 116 | 477,00 | 32 | 20 | PHG D477 |
| 38/E | 3 076 | 2 997 | 118,00 | 38 | 23 | PHG E118 |
| | 4 091 | 4 013 | 158,00 | 38 | 23 | PHG E158 |
| | 4 979 | 4 902 | 193,00 | 38 | 23 | PHG E193 |
| | 5 030 | 4 953 | 195,00 | 38 | 23 | PHG E195 |
| | 5 081 | 5 004 | 197,00 | 38 | 23 | PHG E197 |
| | 5 537 | 5 461 | 215,00 | 38 | 23 | PHG E215 |
| | 5 664 | 5 588 | 220,00 | 38 | 23 | PHG E220 |
| | 6 070 | 5 994 | 236,00 | 38 | 23 | PHG E236 |
| | 6 121 | 6 045 | 238,00 | 38 | 23 | PHG E238 |
| | 6 172 | 6 096 | 240,00 | 38 | 23 | PHG E240 |
| | 6 375 | 6 299 | 248,00 | 38 | 23 | PHG E248 |
| | 6 654 | 6 579 | 259,00 | 38 | 23 | PHG E259 |
| | 6 806 | 6 731 | 265,00 | 38 | 23 | PHG E265 |
| | 6 933 | 6 858 | 270,00 | 38 | 23 | PHG E270 |
| | 7 187 | 7 112 | 280,00 | 38 | 23 | PHG E280 |
| | 7 567 | 7 493 | 295,00 | 38 | 23 | PHG E295 |
| | 7 643 | 7 569 | 298,00 | 38 | 23 | PHG E298 |
| | 7 694 | 7 620 | 300,00 | 38 | 23 | PHG E300 |
| | 8 075 | 8 001 | 315,00 | 38 | 23 | PHG E315 |
| | 8 405 | 8 331 | 328,00 | 38 | 23 | PHG E328 |
| | 8 430 | 8 357 | 329,00 | 38 | 23 | PHG E329 |
| | 8 455 | 8 382 | 330,00 | 38 | 23 | PHG E330 |
| | 8 709 | 8 636 | 340,00 | 38 | 23 | PHG E340 |
| | 9 065 | 8 992 | 354,00 | 38 | 23 | PHG E354 |
| | 9 166 | 9 093 | 358,00 | 38 | 23 | PHG E358 |
| | 9 217 | 9 144 | 360,00 | 38 | 23 | PHG E360 |
| | 10 080 | 10 008 | 394,00 | 38 | 23 | PHG E394 |
| | 10 689 | 10 617 | 418,00 | 38 | 23 | PHG E418 |
| | 10 739 | 10 668 | 420,00 | 38 | 23 | PHG E420 |
| | 11 247 | 11 176 | 440,00 | 38 | 23 | PHG E440 |
| | 11 272 | 11 201 | 441,00 | 38 | 23 | PHG E441 |
| | 11 983 | 11 913 | 469,00 | 38 | 23 | PHG E469 |
| | 12 262 | 12 192 | 480,00 | 38 | 23 | PHG E480 |
| | 12 566 | 12 497 | 492,00 | 38 | 23 | PHG E492 |
| | 13 784 | 13 716 | 540,00 | 38 | 23 | PHG E540 |

Non-standard lengths are also available.

## SKF Wrapped Narrow Wedge Belts

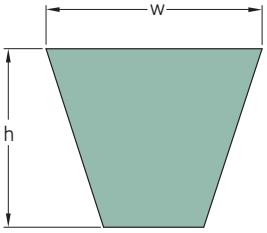
3V/9N | 5V/15N | 8V/25N




| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | w | h | |
| – | mm | in. | mm | | – |
| **3V/9N** | 635 | 25,0 | 9 | 8 | **PHG 3V250** |
| | 673 | 26,5 | 9 | 8 | **PHG 3V265** |
| | 711 | 28,0 | 9 | 8 | **PHG 3V280** |
| | 762 | 30,0 | 9 | 8 | **PHG 3V300** |
| | 800 | 31,5 | 9 | 8 | **PHG 3V315** |
| | 851 | 33,5 | 9 | 8 | **PHG 3V335** |
| | 902 | 35,5 | 9 | 8 | **PHG 3V355** |
| | 953 | 37,5 | 9 | 8 | **PHG 3V375** |
| | 1 016 | 40,0 | 9 | 8 | **PHG 3V400** |
| | 1 080 | 42,5 | 9 | 8 | **PHG 3V425** |
| | 1 143 | 45,0 | 9 | 8 | **PHG 3V450** |
| | 1 207 | 47,5 | 9 | 8 | **PHG 3V475** |
| | 1 270 | 50,0 | 9 | 8 | **PHG 3V500** |
| | 1 346 | 53,0 | 9 | 8 | **PHG 3V530** |
| | 1 422 | 56,0 | 9 | 8 | **PHG 3V560** |
| | 1 524 | 60,0 | 9 | 8 | **PHG 3V600** |
| | 1 600 | 63,0 | 9 | 8 | **PHG 3V630** |
| | 1 702 | 67,0 | 9 | 8 | **PHG 3V670** |
| | 1 803 | 71,0 | 9 | 8 | **PHG 3V710** |
| | 1 905 | 75,0 | 9 | 8 | **PHG 3V750** |
| | 2 032 | 80,0 | 9 | 8 | **PHG 3V800** |
| | 2 159 | 85,0 | 9 | 8 | **PHG 3V850** |
| | 2 286 | 90,0 | 9 | 8 | **PHG 3V900** |
| | 2 413 | 95,0 | 9 | 8 | **PHG 3V950** |
| | 2 540 | 100,0 | 9 | 8 | **PHG 3V1000** |
| | 2 692 | 106,0 | 9 | 8 | **PHG 3V1060** |
| | 2 845 | 112,0 | 9 | 8 | **PHG 3V1120** |
| | 2 997 | 118,0 | 9 | 8 | **PHG 3V1180** |
| | 3 175 | 125,0 | 9 | 8 | **PHG 3V1250** |
| | 3 353 | 132,0 | 9 | 8 | **PHG 3V1320** |
| | 3 556 | 140,0 | 9 | 8 | **PHG 3V1400** |
| **5V/15N** | 1 346 | 53,0 | 15 | 13 | **PHG 5V530** |
| | 1 422 | 56,0 | 15 | 13 | **PHG 5V560** |
| | 1 524 | 60,0 | 15 | 13 | **PHG 5V600** |
| | 1 600 | 63,0 | 15 | 13 | **PHG 5V630** |
| | 1 702 | 67,0 | 15 | 13 | **PHG 5V670** |
| | 1 803 | 71,0 | 15 | 13 | **PHG 5V710** |
| | 1 905 | 75,0 | 15 | 13 | **PHG 5V750** |
| | 2 032 | 80,0 | 15 | 13 | **PHG 5V800** |
| | 2 159 | 85,0 | 15 | 13 | **PHG 5V850** |
| | 2 286 | 90,0 | 15 | 13 | **PHG 5V900** |
| | 2 413 | 95,0 | 15 | 13 | **PHG 5V950** |
| | 2 540 | 100,0 | 15 | 13 | **PHG 5V1000** |
| | 2 692 | 106,0 | 15 | 13 | **PHG 5V1060** |
| | 2 845 | 112,0 | 15 | 13 | **PHG 5V1120** |
| | 2 997 | 118,0 | 15 | 13 | **PHG 5V1180** |
| | 3 175 | 125,0 | 15 | 13 | **PHG 5V1250** |
| | 3 353 | 132,0 | 15 | 13 | **PHG 5V1320** |
| | 3 556 | 140,0 | 15 | 13 | **PHG 5V1400** |
| | 3 810 | 150,0 | 15 | 13 | **PHG 5V1500** |
| | 4 064 | 160,0 | 15 | 13 | **PHG 5V1600** |
| | 4 318 | 170,0 | 15 | 13 | **PHG 5V1700** |
| | 4 572 | 180,0 | 15 | 13 | **PHG 5V1800** |
| | 4 826 | 190,0 | 15 | 13 | **PHG 5V1900** |

| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | w | h | |
| – | mm | in. | mm | | – |
| **5V/15N** | 5 080 | 200,0 | 15 | 13 | **PHG 5V2000** |
| | 5 385 | 212,0 | 15 | 13 | **PHG 5V2120** |
| | 5 690 | 224,0 | 15 | 13 | **PHG 5V2240** |
| | 5 994 | 236,0 | 15 | 13 | **PHG 5V2360** |
| | 6 350 | 250,0 | 15 | 13 | **PHG 5V2500** |
| | 6 731 | 265,0 | 15 | 13 | **PHG 5V2650** |
| | 7 112 | 280,0 | 15 | 13 | **PHG 5V2800** |
| | 7 620 | 300,0 | 15 | 13 | **PHG 5V3000** |
| | 8 001 | 315,0 | 15 | 13 | **PHG 5V3150** |
| | 8 509 | 335,0 | 15 | 13 | **PHG 5V3350** |
| | 9 017 | 355,0 | 15 | 13 | **PHG 5V3550** |
| **8V/25N** | 2 540 | 100,0 | 25 | 23 | **PHG 8V1000** |
| | 2 692 | 106,0 | 25 | 23 | **PHG 8V1060** |
| | 2 845 | 112,0 | 25 | 23 | **PHG 8V1120** |
| | 2 997 | 118,0 | 25 | 23 | **PHG 8V1180** |
| | 3 175 | 125,0 | 25 | 23 | **PHG 8V1250** |
| | 3 353 | 132,0 | 25 | 23 | **PHG 8V1320** |
| | 3 556 | 140,0 | 25 | 23 | **PHG 8V1400** |
| | 3 810 | 150,0 | 25 | 23 | **PHG 8V1500** |
| | 4 064 | 160,0 | 25 | 23 | **PHG 8V1600** |
| | 4 318 | 170,0 | 25 | 23 | **PHG 8V1700** |
| | 4 572 | 180,0 | 25 | 23 | **PHG 8V1800** |
| | 4 826 | 190,0 | 25 | 23 | **PHG 8V1900** |
| | 5 080 | 200,0 | 25 | 23 | **PHG 8V2000** |
| | 5 385 | 212,0 | 25 | 23 | **PHG 8V2120** |
| | 5 690 | 224,0 | 25 | 23 | **PHG 8V2240** |
| | 5 994 | 236,0 | 25 | 23 | **PHG 8V2360** |
| | 6 350 | 250,0 | 25 | 23 | **PHG 8V2500** |
| | 6 731 | 265,0 | 25 | 23 | **PHG 8V2650** |
| | 7 112 | 280,0 | 25 | 23 | **PHG 8V2800** |
| | 7 620 | 300,0 | 25 | 23 | **PHG 8V3000** |
| | 8 001 | 315,0 | 25 | 23 | **PHG 8V3150** |
| | 8 509 | 335,0 | 25 | 23 | **PHG 8V3350** |
| | 9 017 | 355,0 | 25 | 23 | **PHG 8V3550** |
| | 9 525 | 375,0 | 25 | 23 | **PHG 8V3750** |
| | 10 160 | 400,0 | 25 | 23 | **PHG 8V4000** |
| | 10 795 | 425,0 | 25 | 23 | **PHG 8V4250** |
| | 11 430 | 450,0 | 25 | 23 | **PHG 8V4500** |
| | 12 065 | 475,0 | 25 | 23 | **PHG 8V4750** |
| | 12 700 | 500,0 | 25 | 23 | **PHG 8V5000** |

Non-standard lengths are also available.

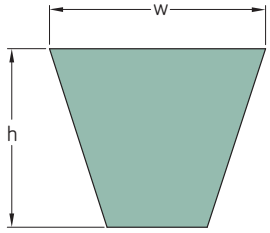



| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| XPZ | 630 | 9,7 | 8 | PHG XPZ630 |
| | 637 | 9,7 | 8 | PHG XPZ637 |
| | 662 | 9,7 | 8 | PHG XPZ662 |
| | 670 | 9,7 | 8 | PHG XPZ670 |
| | 687 | 9,7 | 8 | PHG XPZ687 |
| | 710 | 9,7 | 8 | PHG XPZ710 |
| | 737 | 9,7 | 8 | PHG XPZ737 |
| | 750 | 9,7 | 8 | PHG XPZ750 |
| | 760 | 9,7 | 8 | PHG XPZ760 |
| | 762 | 9,7 | 8 | PHG XPZ762 |
| | 772 | 9,7 | 8 | PHG XPZ772 |
| | 787 | 9,7 | 8 | PHG XPZ787 |
| | 800 | 9,7 | 8 | PHG XPZ800 |
| | 812 | 9,7 | 8 | PHG XPZ812 |
| | 837 | 9,7 | 8 | PHG XPZ837 |
| | 850 | 9,7 | 8 | PHG XPZ850 |
| | 862 | 9,7 | 8 | PHG XPZ862 |
| | 875 | 9,7 | 8 | PHG XPZ875 |
| | 887 | 9,7 | 8 | PHG XPZ887 |
| | 900 | 9,7 | 8 | PHG XPZ900 |
| | 912 | 9,7 | 8 | PHG XPZ912 |
| | 925 | 9,7 | 8 | PHG XPZ925 |
| | 937 | 9,7 | 8 | PHG XPZ937 |
| | 950 | 9,7 | 8 | PHG XPZ950 |
| | 962 | 9,7 | 8 | PHG XPZ962 |
| | 987 | 9,7 | 8 | PHG XPZ987 |
| | 1 000 | 9,7 | 8 | PHG XPZ1000 |
| | 1 010 | 9,7 | 8 | PHG XPZ1010 |
| | 1 012 | 9,7 | 8 | PHG XPZ1012 |
| | 1 037 | 9,7 | 8 | PHG XPZ1037 |
| | 1 060 | 9,7 | 8 | PHG XPZ1060 |
| | 1 077 | 9,7 | 8 | PHG XPZ1077 |
| | 1 080 | 9,7 | 8 | PHG XPZ1080 |
| | 1 087 | 9,7 | 8 | PHG XPZ1087 |
| | 1 112 | 9,7 | 8 | PHG XPZ1112 |
| | 1 120 | 9,7 | 8 | PHG XPZ1120 |
| | 1 137 | 9,7 | 8 | PHG XPZ1137 |
| | 1 140 | 9,7 | 8 | PHG XPZ1140 |
| | 1 162 | 9,7 | 8 | PHG XPZ1162 |
| | 1 180 | 9,7 | 8 | PHG XPZ1180 |
| | 1 187 | 9,7 | 8 | PHG XPZ1187 |
| | 1 200 | 9,7 | 8 | PHG XPZ1200 |
| | 1 202 | 9,7 | 8 | PHG XPZ1202 |
| | 1 212 | 9,7 | 8 | PHG XPZ1212 |
| | 1 237 | 9,7 | 8 | PHG XPZ1237 |
| | 1 250 | 9,7 | 8 | PHG XPZ1250 |
| | 1 262 | 9,7 | 8 | PHG XPZ1262 |
| | 1 270 | 9,7 | 8 | PHG XPZ1270 |
| | 1 287 | 9,7 | 8 | PHG XPZ1287 |
| | 1 312 | 9,7 | 8 | PHG XPZ1312 |
| | 1 320 | 9,7 | 8 | PHG XPZ1320 |
| | 1 337 | 9,7 | 8 | PHG XPZ1337 |
| | 1 340 | 9,7 | 8 | PHG XPZ1340 |
| | 1 362 | 9,7 | 8 | PHG XPZ1362 |
| | 1 400 | 9,7 | 8 | PHG XPZ1400 |
| XPZ | 1 412 | 9,7 | 8 | PHG XPZ1412 |
| | 1 420 | 9,7 | 8 | PHG XPZ1420 |
| | 1 487 | 9,7 | 8 | PHG XPZ1487 |
| | 1 500 | 9,7 | 8 | PHG XPZ1500 |
| | 1 512 | 9,7 | 8 | PHG XPZ1512 |
| | 1 520 | 9,7 | 8 | PHG XPZ1520 |
| | 1 537 | 9,7 | 8 | PHG XPZ1537 |
| | 1 587 | 9,7 | 8 | PHG XPZ1587 |
| | 1 600 | 9,7 | 8 | PHG XPZ1600 |
| | 1 700 | 9,7 | 8 | PHG XPZ1700 |
| | 1 800 | 9,7 | 8 | PHG XPZ1800 |
| | 1 850 | 9,7 | 8 | PHG XPZ1850 |
| | 1 900 | 9,7 | 8 | PHG XPZ1900 |
| | 2 000 | 9,7 | 8 | PHG XPZ2000 |
| | 2 030 | 9,7 | 8 | PHG XPZ2030 |
| | 2 120 | 9,7 | 8 | PHG XPZ2120 |
| | 2 240 | 9,7 | 8 | PHG XPZ2240 |
| | 2 280 | 9,7 | 8 | PHG XPZ2280 |
| | 2 360 | 9,7 | 8 | PHG XPZ2360 |
| | 2 410 | 9,7 | 8 | PHG XPZ2410 |
| | 2 500 | 9,7 | 8 | PHG XPZ2500 |
| | 2 540 | 9,7 | 8 | PHG XPZ2540 |
| | 2 650 | 9,7 | 8 | PHG XPZ2650 |
| | 2 800 | 9,7 | 8 | PHG XPZ2800 |
| | 3 000 | 9,7 | 8 | PHG XPZ3000 |
| | 3 150 | 9,7 | 8 | PHG XPZ3150 |
| | 3 350 | 9,7 | 8 | PHG XPZ3350 |
| | 3 550 | 9,7 | 8 | PHG XPZ3550 |
| XPA | 757 | 12,7 | 10 | PHG XPA757 |
| | 782 | 12,7 | 10 | PHG XPA782 |
| | 800 | 12,7 | 10 | PHG XPA800 |
| | 832 | 12,7 | 10 | PHG XPA832 |
| | 850 | 12,7 | 10 | PHG XPA850 |
| | 857 | 12,7 | 10 | PHG XPA857 |
| | 882 | 12,7 | 10 | PHG XPA882 |
| | 900 | 12,7 | 10 | PHG XPA900 |
| | 907 | 12,7 | 10 | PHG XPA907 |
| | 932 | 12,7 | 10 | PHG XPA932 |
| | 950 | 12,7 | 10 | PHG XPA950 |
| | 957 | 12,7 | 10 | PHG XPA957 |
| | 982 | 12,7 | 10 | PHG XPA982 |
| | 1 000 | 12,7 | 10 | PHG XPA1000 |
| | 1 007 | 12,7 | 10 | PHG XPA1007 |
| | 1 030 | 12,7 | 10 | PHG XPA1030 |
| | 1 060 | 12,7 | 10 | PHG XPA1060 |
| | 1 082 | 12,7 | 10 | PHG XPA1082 |
| | 1 107 | 12,7 | 10 | PHG XPA1107 |
| | 1 120 | 12,7 | 10 | PHG XPA1120 |
| | 1 157 | 12,7 | 10 | PHG XPA1157 |
| | 1 180 | 12,7 | 10 | PHG XPA1180 |
| | 1 207 | 12,7 | 10 | PHG XPA1207 |
| | 1 232 | 12,7 | 10 | PHG XPA1232 |
| | 1 250 | 12,7 | 10 | PHG XPA1250 |
| | 1 257 | 12,7 | 10 | PHG XPA1257 |
| XPA | 1 282 | 12,7 | 10 | PHG XPA1282 |
| | 1 307 | 12,7 | 10 | PHG XPA1307 |
| | 1 320 | 12,7 | 10 | PHG XPA1320 |
| | 1 332 | 12,7 | 10 | PHG XPA1332 |
| | 1 357 | 12,7 | 10 | PHG XPA1357 |
| | 1 400 | 12,7 | 10 | PHG XPA1400 |
| | 1 482 | 12,7 | 10 | PHG XPA1482 |
| | 1 500 | 12,7 | 10 | PHG XPA1500 |
| | 1 507 | 12,7 | 10 | PHG XPA1507 |
| | 1 532 | 12,7 | 10 | PHG XPA1532 |
| | 1 582 | 12,7 | 10 | PHG XPA1582 |
| | 1 600 | 12,7 | 10 | PHG XPA1600 |
| | 1 700 | 12,7 | 10 | PHG XPA1700 |
| | 1 800 | 12,7 | 10 | PHG XPA1800 |
| | 1 900 | 12,7 | 10 | PHG XPA1900 |
| | 2 000 | 12,7 | 10 | PHG XPA2000 |
| | 2 120 | 12,7 | 10 | PHG XPA2120 |
| | 2 240 | 12,7 | 10 | PHG XPA2240 |
| | 2 360 | 12,7 | 10 | PHG XPA2360 |
| | 2 500 | 12,7 | 10 | PHG XPA2500 |
| | 2 650 | 12,7 | 10 | PHG XPA2650 |
| | 2 800 | 12,7 | 10 | PHG XPA2800 |
| | 3 000 | 12,7 | 10 | PHG XPA3000 |
| | 3 150 | 12,7 | 10 | PHG XPA3150 |
| | 3 350 | 12,7 | 10 | PHG XPA3350 |
| | 3 550 | 12,7 | 10 | PHG XPA3550 |
| XPB | 1 250 | 16,3 | 13 | PHG XPB1250 |
| | 1 260 | 16,3 | 13 | PHG XPB1260 |
| | 1 320 | 16,3 | 13 | PHG XPB1320 |
| | 1 340 | 16,3 | 13 | PHG XPB1340 |
| | 1 400 | 16,3 | 13 | PHG XPB1400 |
| | 1 410 | 16,3 | 13 | PHG XPB1410 |
| | 1 500 | 16,3 | 13 | PHG XPB1500 |
| | 1 590 | 16,3 | 13 | PHG XPB1590 |
| | 1 600 | 16,3 | 13 | PHG XPB1600 |
| | 1 690 | 16,3 | 13 | PHG XPB1690 |
| | 1 700 | 16,3 | 13 | PHG XPB1700 |
| | 1 800 | 16,3 | 13 | PHG XPB1800 |
| | 1 900 | 16,3 | 13 | PHG XPB1900 |
| | 2 000 | 16,3 | 13 | PHG XPB2000 |
| | 2 020 | 16,3 | 13 | PHG XPB2020 |
| | 2 120 | 16,3 | 13 | PHG XPB2120 |
| | 2 150 | 16,3 | 13 | PHG XPB2150 |
| | 2 240 | 16,3 | 13 | PHG XPB2240 |
| | 2 280 | 16,3 | 13 | PHG XPB2280 |
| | 2 360 | 16,3 | 13 | PHG XPB2360 |
| | 2 500 | 16,3 | 13 | PHG XPB2500 |
| | 2 530 | 16,3 | 13 | PHG XPB2530 |
| | 2 650 | 16,3 | 13 | PHG XPB2650 |
| | 2 680 | 16,3 | 13 | PHG XPB2680 |
| | 2 800 | 16,3 | 13 | PHG XPB2800 |
| | 3 000 | 16,3 | 13 | PHG XPB3000 |
| | 3 150 | 16,3 | 13 | PHG XPB3150 |
| | 3 350 | 16,3 | 13 | PHG XPB3350 |

Non-standard lengths are also available.

## SKF Cogged Raw Edge Wedge Belts

XPB | XPC




| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| **XPB** | 3 550 | 16,3 | 13 | **PHG XPB3550** |
| **XPC** | 2 000 | 22,0 | 18 | **PHG XPC2000** |
| | 2 120 | 22,0 | 18 | **PHG XPC2120** |
| | 2 240 | 22,0 | 18 | **PHG XPC2240** |
| | 2 360 | 22,0 | 18 | **PHG XPC2360** |
| | 2 500 | 22,0 | 18 | **PHG XPC2500** |
| | 2 650 | 22,0 | 18 | **PHG XPC2650** |
| | 2 800 | 22,0 | 18 | **PHG XPC2800** |
| | 3 000 | 22,0 | 18 | **PHG XPC3000** |
| | 3 150 | 22,0 | 18 | **PHG XPC3150** |
| | 3 350 | 22,0 | 18 | **PHG XPC3350** |
| | 3 550 | 22,0 | 18 | **PHG XPC3550** |

Non-standard lengths are also available.

## Equivalent / Interchange For ISO & RMA Narrow Wedge V-Belts

| Section ISO | Dimensions Pitch length | | | Designation ISO | Section RMA | Dimensions Outside length | | | Designation RMA |
|---|---|---|---|---|---|---|---|---|---|
| | | w | h | | | | w | h | |
| – | mm | | | – | – | inch | mm | | – |
| SPZ | 630 | 9,7 | 8 | PHG SPZ630 | 3V/9N | 25,0 | 9 | 8 | PHG 3V250 |
| | 670 | | | PHG SPZ670 | | 26,5 | 9 | 8 | PHG 3V265 |
| | 710 | 9,7 | 8 | PHG SPZ710 | | 28,0 | 9 | 8 | PHG 3V280 |
| | 760 | 9,7 | 8 | PHG SPZ760 | | 30,0 | 9 | 8 | PHG 3V300 |
| | 800 | 9,7 | 8 | PHG SPZ800 | | 31,5 | 9 | 8 | PHG 3V315 |
| | 900 | 9,7 | 8 | PHG SPZ900 | | 33,5 | 9 | 8 | PHG 3V355 |
| | 937* | 9,7 | 8 | PHG SPZ937 | | 37,0 | 9 | 8 | PHG 3V370 |
| | 1 010 | 9,7 | 8 | PHG SPZ1010 | | 40,0 | 9 | 8 | PHG 3V400 |
| | 1 080 | 9,7 | 8 | PHG SPZ1080 | | 42,5 | 9 | 8 | PHG 3V425 |
| | 1 137* | 9,7 | 8 | PHG SPZ1137 | | 45,0 | 9 | 8 | PHG 3V450 |
| | 1 200 | 9,7 | 8 | PHG SPZ1200 | | 47,5 | 9 | 8 | PHG 3V475 |
| | 1 270 | 9,7 | 8 | PHG SPZ1270 | | 50,0 | 9 | 8 | PHG 3V500 |
| | 1 340 | 9,7 | 8 | PHG SPZ1340 | | 53,0 | 9 | 8 | PHG 3V530 |
| | 1 420 | 9,7 | 8 | PHG SPZ1420 | | 56,0 | 9 | 8 | PHG 3V560 |
| | 1 470* | 9,7 | 8 | PHG SPZ1470 | | 58,0 | 9 | 8 | PHG 3V580 |
| | 1 520 | 9,7 | 8 | PHG SPZ1520 | | 60,0 | 9 | 8 | PHG 3V600 |
| | 1 562* | 9,7 | 8 | PHG SPZ1562 | | 61,7 | 9 | 8 | PHG 3V617 |
| | 1 600 | 9,7 | 8 | PHG SPZ1600 | | 63,0 | 9 | 8 | PHG 3V630 |
| | 1 650 | 9,7 | 8 | PHG SPZ1650 | | 65,0 | 9 | 8 | PHG 3V650 |
| | 1 700 | 9,7 | 8 | PHG SPZ1700 | | 67,0 | 9 | 8 | PHG 3V670 |
| | 1 800 | 9,7 | 8 | PHG SPZ1800 | | 71,0 | 9 | 8 | PHG 3V710 |
| | 1 850 | 9,7 | 8 | PHG SPZ1850 | | 73,0 | 9 | 8 | PHG 3V730 |
| | 1 900 | 9,7 | 8 | PHG SPZ1900 | | 75,0 | 9 | 8 | PHG 3V750 |
| | 2 037* | 9,7 | 8 | PHG SPZ2037 | | 80,0 | 9 | 8 | PHG 3V800 |
| | 2 160 | 9,7 | 8 | PHG SPZ2160 | | 85,0 | 9 | 8 | PHG 3V850 |
| | 2 280 | 9,7 | 8 | PHG SPZ2280 | | 90,0 | 9 | 8 | PHG 3V900 |
| | 2 410 | 9,7 | 8 | PHG SPZ2410 | | 95,0 | 9 | 8 | PHG 3V950 |
| | 2 540 | 9,7 | 8 | PHG SPZ2540 | | 100,0 | 9 | 8 | PHG 3V1000 |
| | 2 690 | 9,7 | 8 | PHG SPZ2690 | | 106,0 | 9 | 8 | PHG 3V1060 |
| | 2 840 | 9,7 | 8 | PHG SPZ2840 | | 112,0 | 9 | 8 | PHG 3V1120 |
| | 3 000 | 9,7 | 8 | PHG SPZ3000 | | 118,0 | 9 | 8 | PHG 3V1180 |
| | 3 170 | 9,7 | 8 | PHG SPZ3170 | | 125,0 | 9 | 8 | PHG 3V1250 |
| | 3 550 | 9,7 | 8 | PHG SPZ3550 | | 140,0 | 9 | 8 | PHG 3V1400 |
| SPB | 1 260 | 16,3 | 13 | PHG SPB1260 | 5V/15N | 50,0 | 15 | 13 | PHG 5V500 |
| | 1 340 | 16,3 | 13 | PHG SPB1340 | | 53,0 | 15 | 13 | PHG 5V530 |
| | 1 410 | 16,3 | 13 | PHG SPB1410 | | 56,0 | 15 | 13 | PHG 5V560 |
| | 1 600 | 16,3 | 13 | PHG SPB1600 | | 63,0 | 15 | 13 | PHG 5V630 |
| | 1 800 | 16,3 | 13 | PHG SPB1800 | | 71,0 | 15 | 13 | PHG 5V710 |
| | 2 020 | 16,3 | 13 | PHG SPB2020 | | 80,0 | 15 | 13 | PHG 5V800 |
| | 2 150 | 16,3 | 13 | PHG SPB2150 | | 85,0 | 15 | 13 | PHG 5V850 |
| | 2 280 | 16,3 | 13 | PHG SPB2280 | | 90,0 | 15 | 13 | PHG 5V900 |
| | 2 410 | 16,3 | 13 | PHG SPB2410 | | 95,0 | 15 | 13 | PHG 5V950 |
| | 2 530 | 16,3 | 13 | PHG SPB2530 | | 100,0 | 15 | 13 | PHG 5V1000 |
| | 2 680 | 16,3 | 13 | PHG SPB2680 | | 106,0 | 15 | 13 | PHG 5V1060 |
| | 2 840 | 16,3 | 13 | PHG SPB2840 | | 112,0 | 15 | 13 | PHG 5V1120 |
| | 3 000 | 16,3 | 13 | PHG SPB3000 | | 118,0 | 15 | 13 | PHG 5V1180 |
| | 3 170** | 16,3 | 13 | PHG SPB3170 | | 125,0 | 15 | 13 | PHG 5V1250 |
| | 3 350 | 16,3 | 13 | PHG SPB3350 | | 132,0 | 15 | 13 | PHG 5V1320 |
| | 3 550 | 16,3 | 13 | PHG SPB3550 | | 140,0 | 15 | 13 | PHG 5V1400 |
| | 3 800 | 16,3 | 13 | PHG SPB3800 | | 150,0 | 15 | 13 | PHG 5V1500 |
| | 4 060 | 16,3 | 13 | PHG SPB4060 | | 160,0 | 15 | 13 | PHG 5V1600 |
| | 4 310 | 16,3 | 13 | PHG SPB4310 | | 170,0 | 15 | 13 | PHG 5V1700 |
| | 4 560 | 16,3 | 13 | PHG SPB4560 | | 180,0 | 15 | 13 | PHG 5V1800 |
| | 4 820 | 16,3 | 13 | PHG SPB4820 | | 190,0 | 15 | 13 | PHG 5V1900 |
| | 5 070 | 16,3 | 13 | PHG SPB5070 | | 200,0 | 15 | 13 | PHG 5V2000 |
| | 5 380 | 16,3 | 13 | PHG SPB5380 | | 212,0 | 15 | 13 | PHG 5V2120 |
| | 5 680 | 16,3 | 13 | PHG SPB5680 | | 224,0 | 15 | 13 | PHG 5V2240 |
| | 6 000 | 16,3 | 13 | PHG SPB6000 | | 236,0 | 15 | 13 | PHG 5V2360 |
| | 6 340 | 16,3 | 13 | PHG SPB6340 | | 250,0 | 15 | 13 | PHG 5V2500 |
| | 7 100 | 16,3 | 13 | PHG SPB7100 | | 280,0 | 15 | 13 | PHG 5V2800 |
| | 8 000 | 16,3 | 13 | PHG SPB8000 | | 315,0 | 15 | 13 | PHG 5V3150 |

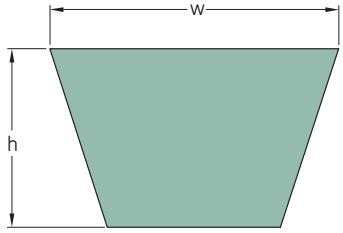
* Belts have a slight variation in pitch length.
*** 3170 (Lp) - Check availability*

**RAW EDGE BELTS**
Belts up to and including 3500mm (Lp) may also available in RAW EDGE COG construction. Designations are PHG XPB*** and PHG 5VX** respectively.

**BANDED BELTS (SPZ/XPZ/3V/3VX and SPB/XPB/5V/5VX)**
As the TRANVERSE pitch (between pulley grooves) of the ISO and RMA standards varies, a check should be made of BOTH pulleys before selecting, interchanging or using BANDED belts . Both pulleys must have the same TRANSVERSE pitch dimension.

## SKF Cogged Raw Edge Classical Belts

X10/ZX | X13/AX




| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| X10/ZX | 420 | 406 | 16,00 | 10 | 6 | **PHG ZX16** |
| | 470 | 457 | 18,00 | 10 | 6 | **PHG ZX18** |
| | 495 | 483 | 19,00 | 10 | 6 | **PHG ZX19** |
| | 600 | 584 | 23,00 | 10 | 6 | **PHG ZX23** |
| | 620 | 610 | 24,00 | 10 | 6 | **PHG ZX24** |
| | 650 | 635 | 25,00 | 10 | 6 | **PHG ZX25** |
| | 680 | 660 | 26,00 | 10 | 6 | **PHG ZX26** |
| | 700 | 686 | 27,00 | 10 | 6 | **PHG ZX27** |
| | 725 | 711 | 28,00 | 10 | 6 | **PHG ZX28** |
| | 750 | 737 | 29,00 | 10 | 6 | **PHG ZX29** |
| | 780 | 762 | 30,00 | 10 | 6 | **PHG ZX30** |
| | 800 | 787 | 31,00 | 10 | 6 | **PHG ZX31** |
| | 840 | 813 | 32,00 | 10 | 6 | **PHG ZX32** |
| | 850 | 838 | 33,00 | 10 | 6 | **PHG ZX33** |
| | 875 | 864 | 34,00 | 10 | 6 | **PHG ZX34** |
| | 900 | 889 | 35,00 | 10 | 6 | **PHG ZX35** |
| | 930 | 914 | 36,00 | 10 | 6 | **PHG ZX36** |
| | 950 | 940 | 37,00 | 10 | 6 | **PHG ZX37** |
| | 980 | 965 | 38,00 | 10 | 6 | **PHG ZX38** |
| | 1 035 | 1 016 | 40,00 | 10 | 6 | **PHG ZX40** |
| | 1 055 | 1 041 | 41,00 | 10 | 6 | **PHG ZX41** |
| | 1 080 | 1 067 | 42,00 | 10 | 6 | **PHG ZX42** |
| | 1 105 | 1 092 | 43,00 | 10 | 6 | **PHG ZX43** |
| | 1 130 | 1 118 | 44,00 | 10 | 6 | **PHG ZX44** |
| | 1 155 | 1 143 | 45,00 | 10 | 6 | **PHG ZX45** |
| | 1 290 | 1 270 | 50,00 | 10 | 6 | **PHG ZX50** |
| | 1 340 | 1 321 | 52,00 | 10 | 6 | **PHG ZX52** |
| | 1 380 | 1 346 | 53,00 | 10 | 6 | **PHG ZX53** |
| | 1 390 | 1 372 | 54,00 | 10 | 6 | **PHG ZX54** |
| | 1 420 | 1 397 | 55,00 | 10 | 6 | **PHG ZX55** |
| | 1 465 | 1 448 | 57,00 | 10 | 6 | **PHG ZX57** |
| | 1 515 | 1 499 | 59,00 | 10 | 6 | **PHG ZX59** |
| | 1 570 | 1 549 | 61,00 | 10 | 6 | **PHG ZX61** |
| | 1 620 | 1 600 | 63,00 | 10 | 6 | **PHG ZX63** |
| | 1 670 | 1 651 | 65,00 | 10 | 6 | **PHG ZX65** |
| | 1 695 | 1 676 | 66,00 | 10 | 6 | **PHG ZX66** |
| | 1 720 | 1 702 | 67,00 | 10 | 6 | **PHG ZX67** |
| | 1 750 | 1 727 | 68,00 | 10 | 6 | **PHG ZX68** |
| | 1 770 | 1 753 | 69,00 | 10 | 6 | **PHG ZX69** |
| | 1 820 | 1 803 | 71,00 | 10 | 6 | **PHG ZX71** |
| | 2 000 | 1 981 | 78,00 | 10 | 6 | **PHG ZX78** |
| X13/AX | 570 | 533 | 21,00 | 13 | 8 | **PHG AX21** |
| | 590 | 559 | 22,00 | 13 | 8 | **PHG AX22** |
| | 620 | 584 | 23,00 | 13 | 8 | **PHG AX23** |
| | 640 | 610 | 24,00 | 13 | 8 | **PHG AX24** |
| | 670 | 635 | 25,00 | 13 | 8 | **PHG AX25** |
| | 700 | 660 | 26,00 | 13 | 8 | **PHG AX26** |
| | 720 | 686 | 27,00 | 13 | 8 | **PHG AX27** |
| | 740 | 711 | 28,00 | 13 | 8 | **PHG AX28** |
| | 770 | 737 | 29,00 | 13 | 8 | **PHG AX29** |
| | 790 | 762 | 30,00 | 13 | 8 | **PHG AX30** |
| | 820 | 787 | 31,00 | 13 | 8 | **PHG AX31** |
| | 850 | 813 | 32,00 | 13 | 8 | **PHG AX32** |
| | 870 | 838 | 33,00 | 13 | 8 | **PHG AX33** |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| X13/AX | 890 | 864 | 34,00 | 13 | 8 | **PHG AX34** |
| | 920 | 889 | 35,00 | 13 | 8 | **PHG AX35** |
| | 950 | 914 | 36,00 | 13 | 8 | **PHG AX36** |
| | 970 | 940 | 37,00 | 13 | 8 | **PHG AX37** |
| | 990 | 965 | 38,00 | 13 | 8 | **PHG AX38** |
| | 1 020 | 991 | 39,00 | 13 | 8 | **PHG AX39** |
| | 1 050 | 1 016 | 40,00 | 13 | 8 | **PHG AX40** |
| | 1 070 | 1 041 | 41,00 | 13 | 8 | **PHG AX41** |
| | 1 100 | 1 067 | 42,00 | 13 | 8 | **PHG AX42** |
| | 1 130 | 1 092 | 43,00 | 13 | 8 | **PHG AX43** |
| | 1 150 | 1 118 | 44,00 | 13 | 8 | **PHG AX44** |
| | 1 180 | 1 143 | 45,00 | 13 | 8 | **PHG AX45** |
| | 1 200 | 1 168 | 46,00 | 13 | 8 | **PHG AX46** |
| | 1 230 | 1 194 | 47,00 | 13 | 8 | **PHG AX47** |
| | 1 250 | 1 219 | 48,00 | 13 | 8 | **PHG AX48** |
| | 1 280 | 1 245 | 49,00 | 13 | 8 | **PHG AX49** |
| | 1 300 | 1 270 | 50,00 | 13 | 8 | **PHG AX50** |
| | 1 330 | 1 295 | 51,00 | 13 | 8 | **PHG AX51** |
| | 1 360 | 1 321 | 52,00 | 13 | 8 | **PHG AX52** |
| | 1 380 | 1 346 | 53,00 | 13 | 8 | **PHG AX53** |
| | 1 410 | 1 372 | 54,00 | 13 | 8 | **PHG AX54** |
| | 1 430 | 1 397 | 55,00 | 13 | 8 | **PHG AX55** |
| | 1 460 | 1 422 | 56,00 | 13 | 8 | **PHG AX56** |
| | 1 480 | 1 448 | 57,00 | 13 | 8 | **PHG AX57** |
| | 1 510 | 1 473 | 58,00 | 13 | 8 | **PHG AX58** |
| | 1 530 | 1 499 | 59,00 | 13 | 8 | **PHG AX59** |
| | 1 550 | 1 524 | 60,00 | 13 | 8 | **PHG AX60** |
| | 1 580 | 1 549 | 61,00 | 13 | 8 | **PHG AX61** |
| | 1 610 | 1 575 | 62,00 | 13 | 8 | **PHG AX62** |
| | 1 640 | 1 600 | 63,00 | 13 | 8 | **PHG AX63** |
| | 1 660 | 1 626 | 64,00 | 13 | 8 | **PHG AX64** |
| | 1 690 | 1 651 | 65,00 | 13 | 8 | **PHG AX65** |
| | 1 710 | 1 676 | 66,00 | 13 | 8 | **PHG AX66** |
| | 1 740 | 1 702 | 67,00 | 13 | 8 | **PHG AX67** |
| | 1 760 | 1 727 | 68,00 | 13 | 8 | **PHG AX68** |
| | 1 790 | 1 753 | 69,00 | 13 | 8 | **PHG AX69** |
| | 1 810 | 1 778 | 70,00 | 13 | 8 | **PHG AX70** |
| | 1 840 | 1 803 | 71,00 | 13 | 8 | **PHG AX71** |
| | 1 860 | 1 829 | 72,00 | 13 | 8 | **PHG AX72** |
| | 1 890 | 1 854 | 73,00 | 13 | 8 | **PHG AX73** |
| | 1 920 | 1 880 | 74,00 | 13 | 8 | **PHG AX74** |
| | 1 940 | 1 905 | 75,00 | 13 | 8 | **PHG AX75** |
| | 1 960 | 1 930 | 76,00 | 13 | 8 | **PHG AX76** |
| | 1 990 | 1 956 | 77,00 | 13 | 8 | **PHG AX77** |
| | 2 020 | 1 981 | 78,00 | 13 | 8 | **PHG AX78** |
| | 2 050 | 2 007 | 79,00 | 13 | 8 | **PHG AX79** |
| | 2 070 | 2 032 | 80,00 | 13 | 8 | **PHG AX80** |
| | 2 090 | 2 057 | 81,00 | 13 | 8 | **PHG AX81** |
| | 2 120 | 2 083 | 82,00 | 13 | 8 | **PHG AX82** |
| | 2 140 | 2 108 | 83,00 | 13 | 8 | **PHG AX83** |
| | 2 170 | 2 134 | 84,00 | 13 | 8 | **PHG AX84** |
| | 2 200 | 2 159 | 85,00 | 13 | 8 | **PHG AX85** |
| | 2 220 | 2 184 | 86,00 | 13 | 8 | **PHG AX86** |
| | 2 240 | 2 210 | 87,00 | 13 | 8 | **PHG AX87** |
| | 2 270 | 2 235 | 88,00 | 13 | 8 | **PHG AX88** |

Non-standard lengths are also available.

## SKF Cogged Raw Edge Classical Belts

X13/AX | X17/BX | X22/CX

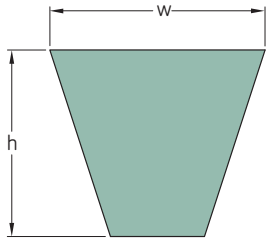
| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| X13/AX | 2 300 | 2 261 | 89,00 | 13 | 8 | PHG AX89 |
| | 2 320 | 2 286 | 90,00 | 13 | 8 | PHG AX90 |
| | 2 350 | 2 311 | 91,00 | 13 | 8 | PHG AX91 |
| | 2 400 | 2 362 | 93,00 | 13 | 8 | PHG AX93 |
| | 2 420 | 2 388 | 94,00 | 13 | 8 | PHG AX94 |
| | 2 450 | 2 413 | 95,00 | 13 | 8 | PHG AX95 |
| | 2 480 | 2 438 | 96,00 | 13 | 8 | PHG AX96 |
| | 2 500 | 2 464 | 97,00 | 13 | 8 | PHG AX97 |
| | 2 520 | 2 489 | 98,00 | 13 | 8 | PHG AX98 |
| | 2 570 | 2 540 | 100,00 | 13 | 8 | PHG AX100 |
| | 2 650 | 2 616 | 103,00 | 13 | 8 | PHG AX103 |
| | 2 680 | 2 642 | 104,00 | 13 | 8 | PHG AX104 |
| | 2 700 | 2 667 | 105,00 | 13 | 8 | PHG AX105 |
| | 2 830 | 2 794 | 110,00 | 13 | 8 | PHG AX110 |
| | 2 880 | 2 845 | 112,00 | 13 | 8 | PHG AX112 |
| | 3 030 | 2 997 | 118,00 | 13 | 8 | PHG AX118 |
| | 3 190 | 3 150 | 124,00 | 13 | 8 | PHG AX124 |
| | 3 390 | 3 353 | 132,00 | 13 | 8 | PHG AX132 |
| X17/BX | 624 | 584 | 23,00 | 17 | 11 | PHG BX23 |
| | 675 | 635 | 25,00 | 17 | 11 | PHG BX25 |
| | 700 | 660 | 26,00 | 17 | 11 | PHG BX26 |
| | 750 | 711 | 28,00 | 17 | 11 | PHG BX28 |
| | 770 | 737 | 29,00 | 17 | 11 | PHG BX29 |
| | 800 | 762 | 30,00 | 17 | 11 | PHG BX30 |
| | 830 | 787 | 31,00 | 17 | 11 | PHG BX31 |
| | 860 | 813 | 32,00 | 17 | 11 | PHG BX32 |
| | 880 | 838 | 33,00 | 17 | 11 | PHG BX33 |
| | 910 | 864 | 34,00 | 17 | 11 | PHG BX34 |
| | 930 | 889 | 35,00 | 17 | 11 | PHG BX35 |
| | 960 | 914 | 36,00 | 17 | 11 | PHG BX36 |
| | 980 | 940 | 37,00 | 17 | 11 | PHG BX37 |
| | 1 000 | 965 | 38,00 | 17 | 11 | PHG BX38 |
| | 1 030 | 991 | 39,00 | 17 | 11 | PHG BX39 |
| | 1 060 | 1 016 | 40,00 | 17 | 11 | PHG BX40 |
| | 1 080 | 1 041 | 41,00 | 17 | 11 | PHG BX41 |
| | 1 100 | 1 067 | 42,00 | 17 | 11 | PHG BX42 |
| | 1 130 | 1 092 | 43,00 | 17 | 11 | PHG BX43 |
| | 1 160 | 1 118 | 44,00 | 17 | 11 | PHG BX44 |
| | 1 180 | 1 143 | 45,00 | 17 | 11 | PHG BX45 |
| | 1 210 | 1 168 | 46,00 | 17 | 11 | PHG BX46 |
| | 1 240 | 1 194 | 47,00 | 17 | 11 | PHG BX47 |
| | 1 260 | 1 219 | 48,00 | 17 | 11 | PHG BX48 |
| | 1 290 | 1 245 | 49,00 | 17 | 11 | PHG BX49 |
| | 1 310 | 1 270 | 50,00 | 17 | 11 | PHG BX50 |
| | 1 340 | 1 295 | 51,00 | 17 | 11 | PHG BX51 |
| | 1 370 | 1 321 | 52,00 | 17 | 11 | PHG BX52 |
| | 1 390 | 1 346 | 53,00 | 17 | 11 | PHG BX53 |
| | 1 410 | 1 372 | 54,00 | 17 | 11 | PHG BX54 |
| | 1 440 | 1 397 | 55,00 | 17 | 11 | PHG BX55 |
| | 1 460 | 1 422 | 56,00 | 17 | 11 | PHG BX56 |
| | 1 490 | 1 448 | 57,00 | 17 | 11 | PHG BX57 |
| | 1 510 | 1 473 | 58,00 | 17 | 11 | PHG BX58 |
| | 1 540 | 1 499 | 59,00 | 17 | 11 | PHG BX59 |
| | 1 560 | 1 524 | 60,00 | 17 | 11 | PHG BX60 |
| | 1 590 | 1 549 | 61,00 | 17 | 11 | PHG BX61 |
| | 1 620 | 1 575 | 62,00 | 17 | 11 | PHG BX62 |
| | 1 640 | 1 600 | 63,00 | 17 | 11 | PHG BX63 |
| | 1 670 | 1 626 | 64,00 | 17 | 11 | PHG BX64 |
| | 1 690 | 1 651 | 65,00 | 17 | 11 | PHG BX65 |
| | 1 720 | 1 676 | 66,00 | 17 | 11 | PHG BX66 |
| | 1 740 | 1 702 | 67,00 | 17 | 11 | PHG BX67 |
| | 1 760 | 1 727 | 68,00 | 17 | 11 | PHG BX68 |
| | 1 800 | 1 753 | 69,00 | 17 | 11 | PHG BX69 |
| | 1 820 | 1 778 | 70,00 | 17 | 11 | PHG BX70 |
| | 1 850 | 1 803 | 71,00 | 17 | 11 | PHG BX71 |
| | 1 870 | 1 829 | 72,00 | 17 | 11 | PHG BX72 |
| | 1 900 | 1 854 | 73,00 | 17 | 11 | PHG BX73 |
| | 1 920 | 1 880 | 74,00 | 17 | 11 | PHG BX74 |
| | 1 950 | 1 905 | 75,00 | 17 | 11 | PHG BX75 |
| | 1 970 | 1 930 | 76,00 | 17 | 11 | PHG BX76 |
| | 2 000 | 1 956 | 77,00 | 17 | 11 | PHG BX77 |
| | 2 020 | 1 981 | 78,00 | 17 | 11 | PHG BX78 |
| | 2 050 | 2 007 | 79,00 | 17 | 11 | PHG BX79 |
| | 2 070 | 2 032 | 80,00 | 17 | 11 | PHG BX80 |
| | 2 100 | 2 057 | 81,00 | 17 | 11 | PHG BX81 |
| | 2 130 | 2 083 | 82,00 | 17 | 11 | PHG BX82 |

| Section | Dimensions Pitch length | Inside length | | w | h | Designation |
|---|---|---|---|---|---|---|
| – | mm | | in. | mm | | – |
| X17/BX | 2 150 | 2 108 | 83,00 | 17 | 11 | PHG BX83 |
| | 2 180 | 2 134 | 84,00 | 17 | 11 | PHG BX84 |
| | 2 200 | 2 159 | 85,00 | 17 | 11 | PHG BX85 |
| | 2 230 | 2 184 | 86,00 | 17 | 11 | PHG BX86 |
| | 2 250 | 2 210 | 87,00 | 17 | 11 | PHG BX87 |
| | 2 280 | 2 235 | 88,00 | 17 | 11 | PHG BX88 |
| | 2 300 | 2 261 | 89,00 | 17 | 11 | PHG BX89 |
| | 2 330 | 2 286 | 90,00 | 17 | 11 | PHG BX90 |
| | 2 350 | 2 311 | 91,00 | 17 | 11 | PHG BX91 |
| | 2 380 | 2 337 | 92,00 | 17 | 11 | PHG BX92 |
| | 2 400 | 2 362 | 93,00 | 17 | 11 | PHG BX93 |
| | 2 420 | 2 388 | 94,00 | 17 | 11 | PHG BX94 |
| | 2 450 | 2 413 | 95,00 | 17 | 11 | PHG BX95 |
| | 2 480 | 2 438 | 96,00 | 17 | 11 | PHG BX96 |
| | 2 500 | 2 464 | 97,00 | 17 | 11 | PHG BX97 |
| | 2 530 | 2 489 | 98,00 | 17 | 11 | PHG BX98 |
| | 2 560 | 2 515 | 99,00 | 17 | 11 | PHG BX99 |
| | 2 580 | 2 540 | 100,00 | 17 | 11 | PHG BX100 |
| | 2 660 | 2 616 | 103,00 | 17 | 11 | PHG BX103 |
| | 2 680 | 2 642 | 104,00 | 17 | 11 | PHG BX104 |
| | 2 700 | 2 667 | 105,00 | 17 | 11 | PHG BX105 |
| | 2 740 | 2 692 | 106,00 | 17 | 11 | PHG BX106 |
| | 2 790 | 2 743 | 108,00 | 17 | 11 | PHG BX108 |
| | 2 840 | 2 794 | 110,00 | 17 | 11 | PHG BX110 |
| | 2 890 | 2 845 | 112,00 | 17 | 11 | PHG BX112 |
| | 2 910 | 2 870 | 113,00 | 17 | 11 | PHG BX113 |
| | 2 960 | 2 921 | 115,00 | 17 | 11 | PHG BX115 |
| | 2 990 | 2 946 | 116,00 | 17 | 11 | PHG BX116 |
| | 3 040 | 2 997 | 118,00 | 17 | 11 | PHG BX118 |
| | 3 090 | 3 048 | 120,00 | 17 | 11 | PHG BX120 |
| | 3 165 | 3 124 | 123,00 | 17 | 11 | PHG BX123 |
| | 3 200 | 3 150 | 124,00 | 17 | 11 | PHG BX124 |
| | 3 240 | 3 200 | 126,00 | 17 | 11 | PHG BX126 |
| | 3 290 | 3 251 | 128,00 | 17 | 11 | PHG BX128 |
| | 3 400 | 3 353 | 132,00 | 17 | 11 | PHG BX132 |
| X22/CX | 1 050 | 991 | 39,00 | 22 | 14 | PHG CX39 |
| | 1 150 | 1 092 | 43,00 | 22 | 14 | PHG CX43 |
| | 1 300 | 1 245 | 49,00 | 22 | 14 | PHG CX49 |
| | 1 350 | 1 295 | 51,00 | 22 | 14 | PHG CX51 |
| | 1 370 | 1 321 | 52,00 | 22 | 14 | PHG CX52 |
| | 1 450 | 1 397 | 55,00 | 22 | 14 | PHG CX55 |
| | 1 560 | 1 499 | 59,00 | 22 | 14 | PHG CX59 |
| | 1 580 | 1 524 | 60,00 | 22 | 14 | PHG CX60 |
| | 1 630 | 1 575 | 62,00 | 22 | 14 | PHG CX62 |
| | 1 760 | 1 702 | 67,00 | 22 | 14 | PHG CX67 |
| | 1 780 | 1 727 | 68,00 | 22 | 14 | PHG CX68 |
| | 1 860 | 1 803 | 71,00 | 22 | 14 | PHG CX71 |
| | 1 880 | 1 829 | 72,00 | 22 | 14 | PHG CX72 |
| | 1 950 | 1 905 | 75,00 | 22 | 14 | PHG CX75 |
| | 2 040 | 1 981 | 78,00 | 22 | 14 | PHG CX78 |
| | 2 060 | 2 007 | 79,00 | 22 | 14 | PHG CX79 |
| | 2 110 | 2 057 | 81,00 | 22 | 14 | PHG CX81 |
| | 2 220 | 2 159 | 85,00 | 22 | 14 | PHG CX85 |
| | 2 290 | 2 235 | 88,00 | 22 | 14 | PHG CX88 |
| | 2 340 | 2 286 | 90,00 | 22 | 14 | PHG CX90 |
| | 2 420 | 2 362 | 93,00 | 22 | 14 | PHG CX93 |
| | 2 490 | 2 438 | 96,00 | 22 | 14 | PHG CX96 |
| | 2 550 | 2 489 | 98,00 | 22 | 14 | PHG CX98 |
| | 2 600 | 2 540 | 100,00 | 22 | 14 | PHG CX100 |
| | 2 620 | 2 565 | 101,00 | 22 | 14 | PHG CX101 |
| | 2 720 | 2 667 | 105,00 | 22 | 14 | PHG CX105 |
| | 2 825 | 2 769 | 109,00 | 22 | 14 | PHG CX109 |
| | 2 850 | 2 794 | 110,00 | 22 | 14 | PHG CX110 |
| | 2 880 | 2 819 | 111,00 | 22 | 14 | PHG CX111 |
| | 2 900 | 2 845 | 112,00 | 22 | 14 | PHG CX112 |
| | 2 980 | 2 921 | 115,00 | 22 | 14 | PHG CX115 |
| | 3 050 | 2 997 | 118,00 | 22 | 14 | PHG CX118 |
| | 3 100 | 3 048 | 120,00 | 22 | 14 | PHG CX120 |
| | 3 210 | 3 150 | 124,00 | 22 | 14 | PHG CX124 |
| | 3 310 | 3 251 | 128,00 | 22 | 14 | PHG CX128 |
| | 3 410 | 3 353 | 132,00 | 22 | 14 | PHG CX132 |

Non-standard lengths are also available.

## SKF Cogged Raw Edge Narrow Wedge Belts

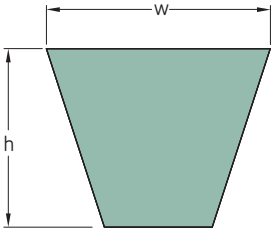
3VX/9NX | 5VX/15NX




| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | w | h | |
| – | mm | in. | mm | | – |
| **3VX/9NX** | 635 | 25,0 | 9 | 8 | **PHG 3VX250** |
| | 673 | 26,5 | 9 | 8 | **PHG 3VX265** |
| | 711 | 28,0 | 9 | 8 | **PHG 3VX280** |
| | 762 | 30,0 | 9 | 8 | **PHG 3VX300** |
| | 800 | 31,5 | 9 | 8 | **PHG 3VX315** |
| | 851 | 33,5 | 9 | 8 | **PHG 3VX335** |
| | 902 | 35,5 | 9 | 8 | **PHG 3VX355** |
| | 953 | 37,5 | 9 | 8 | **PHG 3VX375** |
| | 1 016 | 40,0 | 9 | 8 | **PHG 3VX400** |
| | 1 080 | 42,5 | 9 | 8 | **PHG 3VX425** |
| | 1 143 | 45,0 | 9 | 8 | **PHG 3VX450** |
| | 1 207 | 47,5 | 9 | 8 | **PHG 3VX475** |
| | 1 270 | 50,0 | 9 | 8 | **PHG 3VX500** |
| | 1 346 | 53,0 | 9 | 8 | **PHG 3VX530** |
| | 1 422 | 56,0 | 9 | 8 | **PHG 3VX560** |
| | 1 524 | 60,0 | 9 | 8 | **PHG 3VX600** |
| | 1 600 | 63,0 | 9 | 8 | **PHG 3VX630** |
| | 1 702 | 67,0 | 9 | 8 | **PHG 3VX670** |
| | 1 803 | 71,0 | 9 | 8 | **PHG 3VX710** |
| | 1 905 | 75,0 | 9 | 8 | **PHG 3VX750** |
| | 2 032 | 80,0 | 9 | 8 | **PHG 3VX800** |
| | 2 159 | 85,0 | 9 | 8 | **PHG 3VX850** |
| | 2 286 | 90,0 | 9 | 8 | **PHG 3VX900** |
| | 2 413 | 95,0 | 9 | 8 | **PHG 3VX950** |
| | 2 540 | 100,0 | 9 | 8 | **PHG 3VX1000** |
| | 2 692 | 106,0 | 9 | 8 | **PHG 3VX1060** |
| | 2 845 | 112,0 | 9 | 8 | **PHG 3VX1120** |
| | 2 997 | 118,0 | 9 | 8 | **PHG 3VX1180** |
| | 3 175 | 125,0 | 9 | 8 | **PHG 3VX1250** |
| | 3 353 | 132,0 | 9 | 8 | **PHG 3VX1320** |
| | 3 556 | 140,0 | 9 | 8 | **PHG 3VX1400** |
| | 3 810 | 150,0 | 9 | 8 | **PHG 3VX1500** |
| **5VX/15NX** | 1 270 | 50,0 | 15 | 13 | **PHG 5VX500** |
| | 1 346 | 53,0 | 15 | 13 | **PHG 5VX530** |
| | 1 422 | 56,0 | 15 | 13 | **PHG 5VX560** |
| | 1 524 | 60,0 | 15 | 13 | **PHG 5VX600** |
| | 1 600 | 63,0 | 15 | 13 | **PHG 5VX630** |
| | 1 702 | 67,0 | 15 | 13 | **PHG 5VX670** |
| | 1 803 | 71,0 | 15 | 13 | **PHG 5VX710** |
| | 1 905 | 75,0 | 15 | 13 | **PHG 5VX750** |
| | 2 032 | 80,0 | 15 | 13 | **PHG 5VX800** |
| | 2 159 | 85,0 | 15 | 13 | **PHG 5VX850** |
| | 2 286 | 90,0 | 15 | 13 | **PHG 5VX900** |
| | 2 413 | 95,0 | 15 | 13 | **PHG 5VX950** |
| | 2 540 | 100,0 | 15 | 13 | **PHG 5VX1000** |
| | 2 692 | 106,0 | 15 | 13 | **PHG 5VX1060** |
| | 2 845 | 112,0 | 15 | 13 | **PHG 5VX1120** |
| | 2 997 | 118,0 | 15 | 13 | **PHG 5VX1180** |
| | 3 175 | 125,0 | 15 | 13 | **PHG 5VX1250** |
| | 3 353 | 132,0 | 15 | 13 | **PHG 5VX1320** |
| | 3 556 | 140,0 | 15 | 13 | **PHG 5VX1400** |
| | 3 810 | 150,0 | 15 | 13 | **PHG 5VX1500** |
| | 4 064 | 160,0 | 15 | 13 | **PHG 5VX1600** |
| | 4 318 | 170,0 | 15 | 13 | **PHG 5VX1700** |

| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | w | h | |
| – | mm | in. | mm | | – |
| **5VX/15NX** | 4 572 | 180,0 | 15 | 13 | **PHG 5VX1800** |
| | 4 826 | 190,0 | 15 | 13 | **PHG 5VX1900** |
| | 5 080 | 200,0 | 15 | 13 | **PHG 5VX2000** |

Non-standard lengths are also available.

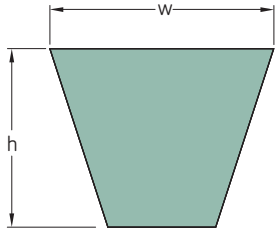



| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| SPZ XP | 1 202 | 9,7 | 8 | PHG SPZ1202XP |
| | 1 212 | 9,7 | 8 | PHG SPZ1212XP |
| | 1 237 | 9,7 | 8 | PHG SPZ1237XP |
| | 1 250 | 9,7 | 8 | PHG SPZ1250XP |
| | 1 262 | 9,7 | 8 | PHG SPZ1262XP |
| | 1 287 | 9,7 | 8 | PHG SPZ1287XP |
| | 1 312 | 9,7 | 8 | PHG SPZ1312XP |
| | 1 320 | 9,7 | 8 | PHG SPZ1320XP |
| | 1 337 | 9,7 | 8 | PHG SPZ1337XP |
| | 1 362 | 9,7 | 8 | PHG SPZ1362XP |
| | 1 387 | 9,7 | 8 | PHG SPZ1387XP |
| | 1 400 | 9,7 | 8 | PHG SPZ1400XP |
| | 1 412 | 9,7 | 8 | PHG SPZ1412XP |
| | 1 437 | 9,7 | 8 | PHG SPZ1437XP |
| | 1 462 | 9,7 | 8 | PHG SPZ1462XP |
| | 1 487 | 9,7 | 8 | PHG SPZ1487XP |
| | 1 500 | 9,7 | 8 | PHG SPZ1500XP |
| | 1 512 | 9,7 | 8 | PHG SPZ1512XP |
| | 1 537 | 9,7 | 8 | PHG SPZ1537XP |
| | 1 562 | 9,7 | 8 | PHG SPZ1562XP |
| | 1 587 | 9,7 | 8 | PHG SPZ1587XP |
| | 1 600 | 9,7 | 8 | PHG SPZ1600XP |
| | 1 612 | 9,7 | 8 | PHG SPZ1612XP |
| | 1 637 | 9,7 | 8 | PHG SPZ1637XP |
| | 1 662 | 9,7 | 8 | PHG SPZ1662XP |
| | 1 687 | 9,7 | 8 | PHG SPZ1687XP |
| | 1 700 | 9,7 | 8 | PHG SPZ1700XP |
| | 1 737 | 9,7 | 8 | PHG SPZ1737XP |
| | 1 762 | 9,7 | 8 | PHG SPZ1762XP |
| | 1 787 | 9,7 | 8 | PHG SPZ1787XP |
| | 1 800 | 9,7 | 8 | PHG SPZ1800XP |
| | 1 837 | 9,7 | 8 | PHG SPZ1837XP |
| | 1 862 | 9,7 | 8 | PHG SPZ1862XP |
| | 1 887 | 9,7 | 8 | PHG SPZ1887XP |
| | 1 900 | 9,7 | 8 | PHG SPZ1900XP |
| | 1 937 | 9,7 | 8 | PHG SPZ1937XP |
| | 1 987 | 9,7 | 8 | PHG SPZ1987XP |
| | 2 000 | 9,7 | 8 | PHG SPZ2000XP |
| | 2 037 | 9,7 | 8 | PHG SPZ2037XP |
| | 2 120 | 9,7 | 8 | PHG SPZ2120XP |
| | 2 137 | 9,7 | 8 | PHG SPZ2137XP |
| | 2 187 | 9,7 | 8 | PHG SPZ2187XP |
| | 2 240 | 9,7 | 8 | PHG SPZ2240XP |
| | 2 287 | 9,7 | 8 | PHG SPZ2287XP |
| | 2 360 | 9,7 | 8 | PHG SPZ2360XP |
| | 2 500 | 9,7 | 8 | PHG SPZ2500XP |
| | 2 650 | 9,7 | 8 | PHG SPZ2650XP |
| | 2 800 | 9,7 | 8 | PHG SPZ2800XP |
| | 3 000 | 9,7 | 8 | PHG SPZ3000XP |
| | 3 150 | 9,7 | 8 | PHG SPZ3150XP |
| | 3 350 | 9,7 | 8 | PHG SPZ3350XP |
| | 3 550 | 9,7 | 8 | PHG SPZ3550XP |
| SPA XP | 1 207 | 12,7 | 10 | PHG SPA1207XP |
| | 1 232 | 12,7 | 10 | PHG SPA1232XP |
| SPA XP | 1 250 | 12,7 | 10 | PHG SPA1250XP |
| | 1 257 | 12,7 | 10 | PHG SPA1257XP |
| | 1 282 | 12,7 | 10 | PHG SPA1282XP |
| | 1 307 | 12,7 | 10 | PHG SPA1307XP |
| | 1 320 | 12,7 | 10 | PHG SPA1320XP |
| | 1 332 | 12,7 | 10 | PHG SPA1332XP |
| | 1 357 | 12,7 | 10 | PHG SPA1357XP |
| | 1 382 | 12,7 | 10 | PHG SPA1382XP |
| | 1 400 | 12,7 | 10 | PHG SPA1400XP |
| | 1 407 | 12,7 | 10 | PHG SPA1407XP |
| | 1 432 | 12,7 | 10 | PHG SPA1432XP |
| | 1 457 | 12,7 | 10 | PHG SPA1457XP |
| | 1 482 | 12,7 | 10 | PHG SPA1482XP |
| | 1 500 | 12,7 | 10 | PHG SPA1500XP |
| | 1 507 | 12,7 | 10 | PHG SPA1507XP |
| | 1 532 | 12,7 | 10 | PHG SPA1532XP |
| | 1 557 | 12,7 | 10 | PHG SPA1557XP |
| | 1 582 | 12,7 | 10 | PHG SPA1582XP |
| | 1 600 | 12,7 | 10 | PHG SPA1600XP |
| | 1 607 | 12,7 | 10 | PHG SPA1607XP |
| | 1 632 | 12,7 | 10 | PHG SPA1632XP |
| | 1 657 | 12,7 | 10 | PHG SPA1657XP |
| | 1 682 | 12,7 | 10 | PHG SPA1682XP |
| | 1 700 | 12,7 | 10 | PHG SPA1700XP |
| | 1 707 | 12,7 | 10 | PHG SPA1707XP |
| | 1 732 | 12,7 | 10 | PHG SPA1732XP |
| | 1 757 | 12,7 | 10 | PHG SPA1757XP |
| | 1 782 | 12,7 | 10 | PHG SPA1782XP |
| | 1 800 | 12,7 | 10 | PHG SPA1800XP |
| | 1 807 | 12,7 | 10 | PHG SPA1807XP |
| | 1 832 | 12,7 | 10 | PHG SPA1832XP |
| | 1 857 | 12,7 | 10 | PHG SPA1857XP |
| | 1 882 | 12,7 | 10 | PHG SPA1882XP |
| | 1 900 | 12,7 | 10 | PHG SPA1900XP |
| | 1 907 | 12,7 | 10 | PHG SPA1907XP |
| | 1 932 | 12,7 | 10 | PHG SPA1932XP |
| | 1 957 | 12,7 | 10 | PHG SPA1957XP |
| | 1 982 | 12,7 | 10 | PHG SPA1982XP |
| | 2 000 | 12,7 | 10 | PHG SPA2000XP |
| | 2 032 | 12,7 | 10 | PHG SPA2032XP |
| | 2 057 | 12,7 | 10 | PHG SPA2057XP |
| | 2 082 | 12,7 | 10 | PHG SPA2082XP |
| | 2 120 | 12,7 | 10 | PHG SPA2120XP |
| | 2 132 | 12,7 | 10 | PHG SPA2132XP |
| | 2 182 | 12,7 | 10 | PHG SPA2182XP |
| | 2 207 | 12,7 | 10 | PHG SPA2207XP |
| | 2 232 | 12,7 | 10 | PHG SPA2232XP |
| | 2 240 | 12,7 | 10 | PHG SPA2240XP |
| | 2 282 | 12,7 | 10 | PHG SPA2282XP |
| | 2 300 | 12,7 | 10 | PHG SPA2300XP |
| | 2 307 | 12,7 | 10 | PHG SPA2307XP |
| | 2 332 | 12,7 | 10 | PHG SPA2332XP |
| | 2 360 | 12,7 | 10 | PHG SPA2360XP |
| | 2 382 | 12,7 | 10 | PHG SPA2382XP |
| | 2 432 | 12,7 | 10 | PHG SPA2432XP |
| SPA XP | 2 482 | 12,7 | 10 | PHG SPA2482XP |
| | 2 500 | 12,7 | 10 | PHG SPA2500XP |
| | 2 532 | 12,7 | 10 | PHG SPA2532XP |
| | 2 582 | 12,7 | 10 | PHG SPA2582XP |
| | 2 607 | 12,7 | 10 | PHG SPA2607XP |
| | 2 632 | 12,7 | 10 | PHG SPA2632XP |
| | 2 650 | 12,7 | 10 | PHG SPA2650XP |
| | 2 682 | 12,7 | 10 | PHG SPA2682XP |
| | 2 732 | 12,7 | 10 | PHG SPA2732XP |
| | 2 782 | 12,7 | 10 | PHG SPA2782XP |
| | 2 800 | 12,7 | 10 | PHG SPA2800XP |
| | 2 832 | 12,7 | 10 | PHG SPA2832XP |
| | 2 847 | 12,7 | 10 | PHG SPA2847XP |
| | 2 882 | 12,7 | 10 | PHG SPA2882XP |
| | 2 932 | 12,7 | 10 | PHG SPA2932XP |
| | 2 982 | 12,7 | 10 | PHG SPA2982XP |
| | 3 000 | 12,7 | 10 | PHG SPA3000XP |
| | 3 032 | 12,7 | 10 | PHG SPA3032XP |
| | 3 082 | 12,7 | 10 | PHG SPA3082XP |
| | 3 150 | 12,7 | 10 | PHG SPA3150XP |
| | 3 182 | 12,7 | 10 | PHG SPA3182XP |
| | 3 282 | 12,7 | 10 | PHG SPA3282XP |
| | 3 350 | 12,7 | 10 | PHG SPA3350XP |
| | 3 382 | 12,7 | 10 | PHG SPA3382XP |
| | 3 550 | 12,7 | 10 | PHG SPA3550XP |
| | 3 750 | 12,7 | 10 | PHG SPA3750XP |
| | 4 000 | 12,7 | 10 | PHG SPA4000XP |
| SPB XP | 1 250 | 16,3 | 13 | PHG SPB1250XP |
| | 1 320 | 16,3 | 13 | PHG SPB1320XP |
| | 1 400 | 16,3 | 13 | PHG SPB1400XP |
| | 1 500 | 16,3 | 13 | PHG SPB1500XP |
| | 1 600 | 16,3 | 13 | PHG SPB1600XP |
| | 1 700 | 16,3 | 13 | PHG SPB1700XP |
| | 1 800 | 16,3 | 13 | PHG SPB1800XP |
| | 1 900 | 16,3 | 13 | PHG SPB1900XP |
| | 2 000 | 16,3 | 13 | PHG SPB2000XP |
| | 2 120 | 16,3 | 13 | PHG SPB2120XP |
| | 2 240 | 16,3 | 13 | PHG SPB2240XP |
| | 2 360 | 16,3 | 13 | PHG SPB2360XP |
| | 2 500 | 16,3 | 13 | PHG SPB2500XP |
| | 2 650 | 16,3 | 13 | PHG SPB2650XP |
| | 2 800 | 16,3 | 13 | PHG SPB2800XP |
| | 3 000 | 16,3 | 13 | PHG SPB3000XP |
| | 3 150 | 16,3 | 13 | PHG SPB3150XP |
| | 3 350 | 16,3 | 13 | PHG SPB3350XP |
| | 3 550 | 16,3 | 13 | PHG SPB3550XP |
| | 3 750 | 16,3 | 13 | PHG SPB3750XP |
| | 4 000 | 16,3 | 13 | PHG SPB4000XP |
| | 4 250 | 16,3 | 13 | PHG SPB4250XP |
| | 4 500 | 16,3 | 13 | PHG SPB4500XP |
| | 4 750 | 16,3 | 13 | PHG SPB4750XP |
| | 5 000 | 16,3 | 13 | PHG SPB5000XP |
| | 5 300 | 16,3 | 13 | PHG SPB5300XP |
| | 5 600 | 16,3 | 13 | PHG SPB5600XP |

Non-standard lengths are also available.

## SKF Xtra Power Wrapped Wedge Belts

SPB XP | SPC XP

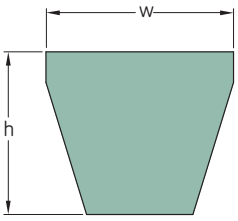



| Section | Dimensions Pitch length | w | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| **SPB XP** | 6 000 | 16,3 | 13 | **PHG SPB6000XP** |
| | 6 300 | 16,3 | 13 | **PHG SPB6300XP** |
| | 6 700 | 16,3 | 13 | **PHG SPB6700XP** |
| | 7 100 | 16,3 | 13 | **PHG SPB7100XP** |
| | 7 500 | 16,3 | 13 | **PHG SPB7500XP** |
| | 8 000 | 16,3 | 13 | **PHG SPB8000XP** |
| **SPC XP** | 2 000 | 22,0 | 18 | **PHG SPC2000XP** |
| | 2 120 | 22,0 | 18 | **PHG SPC2120XP** |
| | 2 240 | 22,0 | 18 | **PHG SPC2240XP** |
| | 2 360 | 22,0 | 18 | **PHG SPC2360XP** |
| | 2 500 | 22,0 | 18 | **PHG SPC2500XP** |
| | 2 650 | 22,0 | 18 | **PHG SPC2650XP** |
| | 2 800 | 22,0 | 18 | **PHG SPC2800XP** |
| | 3 000 | 22,0 | 18 | **PHG SPC3000XP** |
| | 3 150 | 22,0 | 18 | **PHG SPC3150XP** |
| | 3 350 | 22,0 | 18 | **PHG SPC3350XP** |
| | 3 550 | 22,0 | 18 | **PHG SPC3550XP** |
| | 3 750 | 22,0 | 18 | **PHG SPC3750XP** |
| | 4 000 | 22,0 | 18 | **PHG SPC4000XP** |
| | 4 250 | 22,0 | 18 | **PHG SPC4250XP** |
| | 4 500 | 22,0 | 18 | **PHG SPC4500XP** |
| | 4 750 | 22,0 | 18 | **PHG SPC4750XP** |
| | 5 000 | 22,0 | 18 | **PHG SPC5000XP** |
| | 5 300 | 22,0 | 18 | **PHG SPC5300XP** |
| | 5 600 | 22,0 | 18 | **PHG SPC5600XP** |
| | 6 000 | 22,0 | 18 | **PHG SPC6000XP** |
| | 6 300 | 22,0 | 18 | **PHG SPC6300XP** |
| | 6 700 | 22,0 | 18 | **PHG SPC6700XP** |
| | 7 100 | 22,0 | 18 | **PHG SPC7100XP** |
| | 7 500 | 22,0 | 18 | **PHG SPC7500XP** |
| | 8 000 | 22,0 | 18 | **PHG SPC8000XP** |
| | 8 500 | 22,0 | 18 | **PHG SPC8500XP** |
| | 9 000 | 22,0 | 18 | **PHG SPC9000XP** |
| | 9 500 | 22,0 | 18 | **PHG SPC9500XP** |
| | 10 000 | 22,0 | 18 | **PHG SPC10000XP** |

Non-standard lengths are also available.

# SKF Xtra Power Wrapped Narrow Wedge Belts

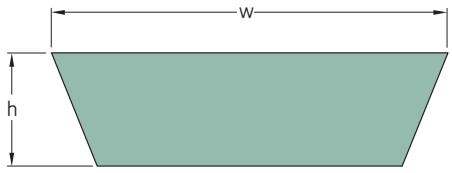
3V XP | 5V XP | 8V XP




| Section | Dimensions Outside length | | w | h | Designation |
|---|---|---|---|---|---|
| – | mm | in. | mm | | – |
| 3V XP | 1 206 | 47,5 | 9 | 8 | PHG 3V475XP |
| | 1 270 | 50,0 | 9 | 8 | PHG 3V500XP |
| | 1 346 | 53,0 | 9 | 8 | PHG 3V530XP |
| | 1 422 | 56,0 | 9 | 8 | PHG 3V560XP |
| | 1 524 | 60,0 | 9 | 8 | PHG 3V600XP |
| | 1 600 | 63,0 | 9 | 8 | PHG 3V630XP |
| | 1 702 | 67,0 | 9 | 8 | PHG 3V670XP |
| | 1 803 | 71,0 | 9 | 8 | PHG 3V710XP |
| | 1 905 | 75,0 | 9 | 8 | PHG 3V750XP |
| | 2 032 | 80,0 | 9 | 8 | PHG 3V800XP |
| | 2 159 | 85,0 | 9 | 8 | PHG 3V850XP |
| | 2 286 | 90,0 | 9 | 8 | PHG 3V900XP |
| | 2 413 | 95,0 | 9 | 8 | PHG 3V950XP |
| | 2 540 | 100,0 | 9 | 8 | PHG 3V1000XP |
| | 2 692 | 106,0 | 9 | 8 | PHG 3V1060XP |
| | 2 845 | 112,0 | 9 | 8 | PHG 3V1120XP |
| | 2 997 | 118,0 | 9 | 8 | PHG 3V1180XP |
| | 3 175 | 125,0 | 9 | 8 | PHG 3V1250XP |
| | 3 353 | 132,0 | 9 | 8 | PHG 3V1320XP |
| | 3 556 | 140,0 | 9 | 8 | PHG 3V1400XP |
| 5V XP | 1 346 | 53,0 | 15 | 13 | PHG 5V530XP |
| | 1 422 | 56,0 | 15 | 13 | PHG 5V560XP |
| | 1 524 | 60,0 | 15 | 13 | PHG 5V600XP |
| | 1 600 | 63,0 | 15 | 13 | PHG 5V630XP |
| | 1 702 | 67,0 | 15 | 13 | PHG 5V670XP |
| | 1 803 | 71,0 | 15 | 13 | PHG 5V710XP |
| | 1 905 | 75,0 | 15 | 13 | PHG 5V750XP |
| | 2 032 | 80,0 | 15 | 13 | PHG 5V800XP |
| | 2 159 | 85,0 | 15 | 13 | PHG 5V850XP |
| | 2 286 | 90,0 | 15 | 13 | PHG 5V900XP |
| | 2 413 | 95,0 | 15 | 13 | PHG 5V950XP |
| | 2 540 | 100,0 | 15 | 13 | PHG 5V1000XP |
| | 2 692 | 106,0 | 15 | 13 | PHG 5V1060XP |
| | 2 845 | 112,0 | 15 | 13 | PHG 5V1120XP |
| | 2 997 | 118,0 | 15 | 13 | PHG 5V1180XP |
| | 3 175 | 125,0 | 15 | 13 | PHG 5V1250XP |
| | 3 353 | 132,0 | 15 | 13 | PHG 5V1320XP |
| | 3 556 | 140,0 | 15 | 13 | PHG 5V1400XP |
| | 3 810 | 150,0 | 15 | 13 | PHG 5V1500XP |
| | 4 064 | 160,0 | 15 | 13 | PHG 5V1600XP |
| | 4 318 | 170,0 | 15 | 13 | PHG 5V1700XP |
| | 4 572 | 180,0 | 15 | 13 | PHG 5V1800XP |
| | 4 826 | 190,0 | 15 | 13 | PHG 5V1900XP |
| | 5 080 | 200,0 | 15 | 13 | PHG 5V2000XP |
| | 5 385 | 212,0 | 15 | 13 | PHG 5V2120XP |
| | 5 690 | 224,0 | 15 | 13 | PHG 5V2240XP |
| | 5 994 | 236,0 | 15 | 13 | PHG 5V2360XP |
| | 6 350 | 250,0 | 15 | 13 | PHG 5V2500XP |
| | 6 731 | 265,0 | 15 | 13 | PHG 5V2650XP |
| | 7 112 | 280,0 | 15 | 13 | PHG 5V2800XP |
| | 7 620 | 300,0 | 15 | 13 | PHG 5V3000XP |
| | 8 001 | 315,0 | 15 | 13 | PHG 5V3150XP |
| 8V XP | 2 540 | 100,0 | 25 | 23 | PHG 8V1000XP |
| | 2 845 | 112,0 | 25 | 23 | PHG 8V1120XP |

| Section | Dimensions Outside length | | w | h | Designation |
|---|---|---|---|---|---|
| – | mm | in. | mm | | – |
| 8V XP | 2 997 | 118,0 | 25 | 23 | PHG 8V1180XP |
| | 3 175 | 125,0 | 25 | 23 | PHG 8V1250XP |
| | 3 353 | 132,0 | 25 | 23 | PHG 8V1320XP |
| | 3 556 | 140,0 | 25 | 23 | PHG 8V1400XP |
| | 3 810 | 150,0 | 25 | 23 | PHG 8V1500XP |
| | 4 064 | 160,0 | 25 | 23 | PHG 8V1600XP |
| | 4 318 | 170,0 | 25 | 23 | PHG 8V1700XP |
| | 4 572 | 180,0 | 25 | 23 | PHG 8V1800XP |
| | 4 826 | 190,0 | 25 | 23 | PHG 8V1900XP |
| | 5 080 | 200,0 | 25 | 23 | PHG 8V2000XP |
| | 5 385 | 212,0 | 25 | 23 | PHG 8V2120XP |
| | 5 690 | 224,0 | 25 | 23 | PHG 8V2240XP |
| | 5 994 | 236,0 | 25 | 23 | PHG 8V2360XP |
| | 6 350 | 250,0 | 25 | 23 | PHG 8V2500XP |
| | 6 731 | 265,0 | 25 | 23 | PHG 8V2650XP |
| | 7 112 | 280,0 | 25 | 23 | PHG 8V2800XP |
| | 7 620 | 300,0 | 25 | 23 | PHG 8V3000XP |
| | 8 001 | 315,0 | 25 | 23 | PHG 8V3150XP |
| | 8 509 | 335,0 | 25 | 23 | PHG 8V3350XP |
| | 9 017 | 355,0 | 25 | 23 | PHG 8V3550XP |
| | 9 525 | 375,0 | 25 | 23 | PHG 8V3750XP |
| | 10 160 | 400,0 | 25 | 23 | PHG 8V4000XP |
| | 10 795 | 425,0 | 25 | 23 | PHG 8V4250XP |
| | 11 430 | 450,0 | 25 | 23 | PHG 8V4500XP |
| | 12 065 | 475,0 | 25 | 23 | PHG 8V4750XP |

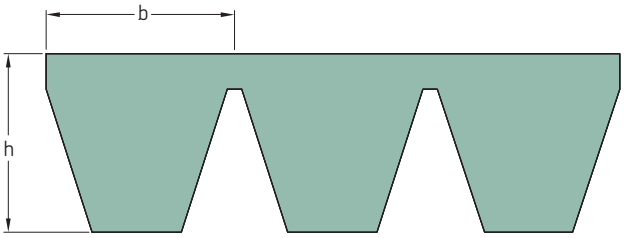
Non-standard lengths are also available.




| Section | Number of ribs | Dimensions Pitch length | | Inside length | w | h | Designation |
|---|---|---|---|---|---|---|---|
| – | – | mm | in. | mm | | | – |
| VS | 1 | 496 | 19,53 | 476 | 17 | 5 | **PHG VS17X5X476** |
| | | 556 | 21,89 | 536 | 17 | 5 | **PHG VS17X5X536** |
| | | 590 | 23,23 | 570 | 17 | 5 | **PHG VS17X5X570** |
| | | 626 | 24,65 | 606 | 17 | 5 | **PHG VS17X5X606** |
| | | 796 | 31,34 | 776 | 17 | 5 | **PHG VS17X5X776** |
| | | 620 | 24,41 | 600 | 21 | 6 | **PHG VS21X6X600** |
| | | 630 | 24,80 | 610 | 21 | 6 | **PHG VS21X6X610** |
| | | 695 | 27,36 | 675 | 21 | 6 | **PHG VS21X6X675** |
| | | 790 | 31,10 | 770 | 21 | 6 | **PHG VS21X6X770** |
| | | 556 | 21,89 | 525 | 22 | 8 | **PHG VS22X8X525** |
| | | 596 | 23,46 | 565 | 22 | 8 | **PHG VS22X8X565** |
| | | 681 | 26,81 | 650 | 22 | 8 | **PHG VS22X8X650** |
| | | 731 | 28,78 | 700 | 22 | 8 | **PHG VS22X8X700** |
| | | 781 | 30,75 | 750 | 22 | 8 | **PHG VS22X8X750** |
| | | 831 | 32,72 | 800 | 22 | 8 | **PHG VS22X8X800** |
| | | 881 | 34,69 | 850 | 22 | 8 | **PHG VS22X8X850** |
| | | 931 | 36,65 | 900 | 22 | 8 | **PHG VS22X8X900** |
| | | 981 | 38,62 | 950 | 22 | 8 | **PHG VS22X8X950** |
| | | 1 031 | 40,59 | 1 000 | 22 | 8 | **PHG VS22X8X1000** |
| | | 686 | 27,01 | 655 | 26 | 8 | **PHG VS26X8X655** |
| | | 703 | 27,68 | 672 | 26 | 8 | **PHG VS26X8X672** |
| | | 781 | 30,75 | 750 | 26 | 8 | **PHG VS26X8X750** |
| | | 793 | 31,22 | 762 | 26 | 8 | **PHG VS26X8X762** |
| | | 831 | 32,72 | 800 | 26 | 8 | **PHG VS26X8X800** |
| | | 893 | 35,16 | 862 | 26 | 8 | **PHG VS26X8X862** |
| | | 993 | 39,09 | 962 | 26 | 8 | **PHG VS26X8X962** |
| | | 631 | 24,84 | 600 | 28 | 8 | **PHG VS28X8X600** |
| | | 681 | 26,81 | 650 | 28 | 8 | **PHG VS28X8X650** |
| | | 731 | 28,78 | 700 | 28 | 8 | **PHG VS28X8X700** |
| | | 781 | 30,75 | 750 | 28 | 8 | **PHG VS28X8X750** |
| | | 831 | 32,72 | 800 | 28 | 8 | **PHG VS28X8X800** |
| | | 881 | 34,69 | 850 | 28 | 8 | **PHG VS28X8X850** |
| | | 931 | 36,65 | 900 | 28 | 8 | **PHG VS28X8X900** |
| | | 981 | 38,62 | 950 | 28 | 8 | **PHG VS28X8X950** |
| | | 1 031 | 40,59 | 1 000 | 28 | 8 | **PHG VS28X8X1000** |
| | | 1 151 | 45,31 | 1 120 | 28 | 8 | **PHG VS28X8X1120** |
| | | 692 | 27,24 | 650 | 30 | 10 | **PHG VS30X10X650** |
| | | 842 | 33,15 | 800 | 30 | 10 | **PHG VS30X10X800** |
| | | 892 | 35,12 | 850 | 30 | 10 | **PHG VS30X10X850** |
| | | 942 | 37,09 | 900 | 30 | 10 | **PHG VS30X10X900** |
| | | 992 | 39,06 | 950 | 30 | 10 | **PHG VS30X10X950** |
| | | 1 042 | 41,02 | 1 000 | 30 | 10 | **PHG VS30X10X1000** |
| | | 1 162 | 45,75 | 1 120 | 30 | 10 | **PHG VS30X10X1120** |
| | | 1 242 | 48,90 | 1 200 | 30 | 10 | **PHG VS30X10X1200** |
| | | 1 542 | 60,71 | 1 500 | 30 | 10 | **PHG VS30X10X1500** |
| | | 792 | 31,18 | 750 | 32 | 10 | **PHG VS32X10X750** |
| | | 832 | 32,76 | 790 | 32 | 10 | **PHG VS32X10X790** |
| | | 862 | 33,94 | 820 | 32 | 10 | **PHG VS32X10X820** |
| | | 892 | 35,12 | 850 | 32 | 10 | **PHG VS32X10X850** |
| | | 942 | 37,09 | 900 | 32 | 10 | **PHG VS32X10X900** |
| | | 992 | 39,06 | 992 | 32 | 10 | **PHG VS32X10X950** |
| | | 1 042 | 41,02 | 1 000 | 32 | 10 | **PHG VS32X10X1000** |
| | | 1 115 | 43,90 | 1 073 | 32 | 10 | **PHG VS32X10X1073** |
| | | 1 162 | 45,75 | 1 120 | 32 | 10 | **PHG VS32X10X1120** |
| | | 1 222 | 48,11 | 1 180 | 32 | 10 | **PHG VS32X10X1180** |

| Section | Number of ribs | Dimensions Pitch length | | Inside length | w | h | Designation |
|---|---|---|---|---|---|---|---|
| – | – | mm | in. | mm | | | – |
| VS | 1 | 1 242 | 48,90 | 1 200 | 32 | 10 | **PHG VS32X10X1200** |
| | | 702 | 27,64 | 660 | 37 | 10 | **PHG VS37X10X660** |
| | | 842 | 33,15 | 800 | 37 | 10 | **PHG VS37X10X800** |
| | | 892 | 35,12 | 850 | 37 | 10 | **PHG VS37X10X850** |
| | | 942 | 37,09 | 900 | 37 | 10 | **PHG VS37X10X900** |
| | | 992 | 39,06 | 950 | 37 | 10 | **PHG VS37X10X950** |
| | | 1 042 | 41,02 | 1 000 | 37 | 10 | **PHG VS37X10X1000** |
| | | 1 102 | 43,39 | 1 060 | 37 | 10 | **PHG VS37X10X1060** |
| | | 1 162 | 45,75 | 1 120 | 37 | 10 | **PHG VS37X10X1120** |
| | | 1 222 | 48,11 | 1 180 | 37 | 10 | **PHG VS37X10X1180** |
| | | 1 442 | 56,77 | 1 400 | 37 | 10 | **PHG VS37X10X1400** |
| | | 1 542 | 60,71 | 1 500 | 37 | 10 | **PHG VS37X10X1500** |
| | | 1 642 | 64,65 | 1 600 | 37 | 10 | **PHG VS37X10X1600** |
| | | 978 | 38,50 | 925 | 41 | 13 | **PHG VS41X13X925** |
| | | 1 053 | 41,46 | 1 000 | 41 | 13 | **PHG VS41X13X1000** |
| | | 1 093 | 43,03 | 1 040 | 41 | 13 | **PHG VS41X13X1040** |
| | | 1 113 | 43,82 | 1 060 | 41 | 13 | **PHG VS41X13X1060** |
| | | 1 173 | 46,18 | 1 120 | 41 | 13 | **PHG VS41X13X1120** |
| | | 1 233 | 48,54 | 1 180 | 41 | 13 | **PHG VS41X13X1180** |
| | | 1 303 | 51,30 | 1 250 | 41 | 13 | **PHG VS41X13X1250** |
| | | 1 393 | 54,84 | 1 340 | 41 | 13 | **PHG VS41X13X1340** |
| | | 1 493 | 58,78 | 1 440 | 41 | 13 | **PHG VS41X13X1440** |
| | | 1 653 | 65,08 | 1 600 | 41 | 13 | **PHG VS41X13X1600** |
| | | 1 793 | 70,59 | 1 740 | 41 | 13 | **PHG VS41X13X1740** |
| | | 1 053 | 41,46 | 1 000 | 47 | 13 | **PHG VS47X13X1000** |
| | | 1 113 | 43,82 | 1 060 | 47 | 13 | **PHG VS47X13X1060** |
| | | 1 173 | 46,18 | 1 120 | 47 | 13 | **PHG VS47X13X1120** |
| | | 1 233 | 48,54 | 1 180 | 47 | 13 | **PHG VS47X13X1180** |
| | | 1 303 | 51,30 | 1 250 | 47 | 13 | **PHG VS47X13X1250** |
| | | 1 373 | 54,06 | 1 320 | 47 | 13 | **PHG VS47X13X1320** |
| | | 1 453 | 57,20 | 1 400 | 47 | 13 | **PHG VS47X13X1400** |
| | | 1 553 | 61,14 | 1 500 | 47 | 13 | **PHG VS47X13X1500** |
| | | 1 653 | 65,08 | 1 600 | 47 | 13 | **PHG VS47X13X1600** |
| | | 1 753 | 69,02 | 1 700 | 47 | 13 | **PHG VS47X13X1700** |
| | | 1 853 | 72,95 | 1 800 | 47 | 13 | **PHG VS47X13X1800** |
| | | 1 233 | 48,54 | 1 180 | 52 | 16 | **PHG VS52X16X1180** |
| | | 1 303 | 51,30 | 1 250 | 52 | 16 | **PHG VS52X16X1250** |
| | | 1 453 | 57,20 | 1 400 | 52 | 16 | **PHG VS52X16X1400** |
| | | 1 578 | 62,13 | 1 525 | 52 | 16 | **PHG VS52X16X1525** |
| | | 1 653 | 65,08 | 1 600 | 52 | 16 | **PHG VS52X16X1600** |
| | | 1 978 | 77,87 | 1 925 | 52 | 16 | **PHG VS52X16X1925** |
| | | 1 453 | 57,20 | 1 400 | 55 | 16 | **PHG VS55X16X1400** |
| | | 1 553 | 61,14 | 1 500 | 55 | 16 | **PHG VS55X16X1500** |
| | | 1 653 | 65,08 | 1 600 | 55 | 16 | **PHG VS55X16X1600** |
| | | 1 753 | 69,02 | 1 700 | 55 | 16 | **PHG VS55X16X1700** |
| | | 1 853 | 72,95 | 1 800 | 55 | 16 | **PHG VS55X16X1800** |
| | | 1 772 | 69,76 | 1 706 | 65 | 20 | **PHG VS65X20X1706** |
| | | 1 972 | 77,64 | 1 906 | 65 | 20 | **PHG VS65X20X1906** |
| | | 1 666 | 65,59 | 1 600 | 70 | 18 | **PHG VS70X18X1600** |
| | | 1 766 | 69,53 | 1 700 | 70 | 18 | **PHG VS70X18X1700** |
| | | 1 866 | 73,46 | 1 800 | 70 | 18 | **PHG VS70X18X1800** |
| | | 1 966 | 77,40 | 1 900 | 70 | 18 | **PHG VS70X18X1900** |
| | | 2 066 | 81,34 | 2 000 | 70 | 18 | **PHG VS70X18X2000** |

Non-standard lengths may also be available.



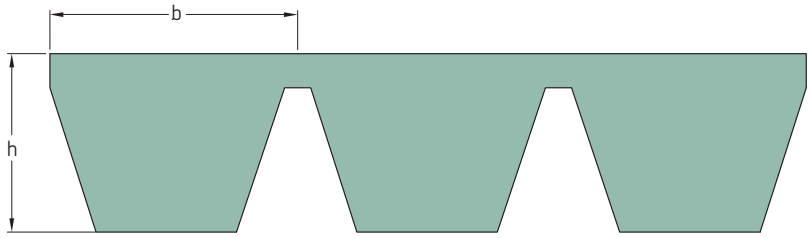

| Section | Dimensions Pitch length | b | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| SPA | 1 250 | 12,8 | 12,0 | PHG SPA1250X... |
| | 1 400 | 12,8 | 12,0 | PHG SPA1400X... |
| | 1 500 | 12,8 | 12,0 | PHG SPA1500X... |
| | 1 600 | 12,8 | 12,0 | PHG SPA1600X... |
| | 1 700 | 12,8 | 12,0 | PHG SPA1700X... |
| | 1 800 | 12,8 | 12,0 | PHG SPA1800X... |
| | 1 900 | 12,8 | 12,0 | PHG SPA1900X... |
| | 2 000 | 12,8 | 12,0 | PHG SPA2000X... |
| | 2 120 | 12,8 | 12,0 | PHG SPA2120X... |
| | 2 240 | 12,8 | 12,0 | PHG SPA2240X... |
| | 2 360 | 12,8 | 12,0 | PHG SPA2360X... |
| | 2 500 | 12,8 | 12,0 | PHG SPA2500X... |
| | 2 650 | 12,8 | 12,0 | PHG SPA2650X... |
| | 2 800 | 12,8 | 12,0 | PHG SPA2800X... |
| | 3 000 | 12,8 | 12,0 | PHG SPA3000X... |
| | 3 150 | 12,8 | 12,0 | PHG SPA3150X... |
| | 3 350 | 12,8 | 12,0 | PHG SPA3350X... |
| | 3 550 | 12,8 | 12,0 | PHG SPA3550X... |
| | 3 750 | 12,8 | 12,0 | PHG SPA3750X... |
| | 4 000 | 12,8 | 12,0 | PHG SPA4000X... |
| | 4 250 | 12,8 | 12,0 | PHG SPA4250X... |
| | 4 500 | 12,8 | 12,0 | PHG SPA4500X... |
| SPB | 2 000 | 16,5 | 15,6 | PHG SPB2000X... |
| | 2 120 | 16,5 | 15,6 | PHG SPB2120X... |
| | 2 240 | 16,5 | 15,6 | PHG SPB2240X... |
| | 2 360 | 16,5 | 15,6 | PHG SPB2360X... |
| | 2 500 | 16,5 | 15,6 | PHG SPB2500X... |
| | 2 650 | 16,5 | 15,6 | PHG SPB2650X... |
| | 2 800 | 16,5 | 15,6 | PHG SPB2800X... |
| | 3 000 | 16,5 | 15,6 | PHG SPB3000X... |
| | 3 150 | 16,5 | 15,6 | PHG SPB3150X... |
| | 3 350 | 16,5 | 15,6 | PHG SPB3350X... |
| | 3 550 | 16,5 | 15,6 | PHG SPB3550X... |
| | 3 750 | 16,5 | 15,6 | PHG SPB3750X... |
| | 4 000 | 16,5 | 15,6 | PHG SPB4000X... |
| | 4 250 | 16,5 | 15,6 | PHG SPB4250X... |
| | 4 500 | 16,5 | 15,6 | PHG SPB4500X... |
| | 4 750 | 16,5 | 15,6 | PHG SPB4750X... |
| | 5 000 | 16,5 | 15,6 | PHG SPB5000X... |
| | 5 300 | 16,5 | 15,6 | PHG SPB5300X... |
| | 5 600 | 16,5 | 15,6 | PHG SPB5600X... |
| | 6 000 | 16,5 | 15,6 | PHG SPB6000X... |
| | 6 300 | 16,5 | 15,6 | PHG SPB6300X... |
| | 6 700 | 16,5 | 15,6 | PHG SPB6700X... |
| | 7 100 | 16,5 | 15,6 | PHG SPB7100X... |
| | 7 500 | 16,5 | 15,6 | PHG SPB7500X... |
| | 8 000 | 16,5 | 15,6 | PHG SPB8000X... |
| SPC | 3 000 | 22,0 | 22,6 | PHG SPC3000X... |
| | 3 150 | 22,0 | 22,6 | PHG SPC3150X... |
| | 3 350 | 22,0 | 22,6 | PHG SPC3350X... |
| | 3 550 | 22,0 | 22,6 | PHG SPC3550X... |
| | 3 750 | 22,0 | 22,6 | PHG SPC3750X... |
| | 4 000 | 22,0 | 22,6 | PHG SPC4000X... |
| | 4 250 | 22,0 | 22,6 | PHG SPC4250X... |

| Section | Dimensions Pitch length | b | h | Designation |
|---|---|---|---|---|
| – | mm | | | – |
| SPC | 4 500 | 22,0 | 22,6 | PHG SPC4500X... |
| | 4 750 | 22,0 | 22,6 | PHG SPC4750X... |
| | 5 000 | 22,0 | 22,6 | PHG SPC5000X... |
| | 5 300 | 22,0 | 22,6 | PHG SPC5300X... |
| | 5 600 | 22,0 | 22,6 | PHG SPC5600X... |
| | 6 000 | 22,0 | 22,6 | PHG SPC6000X... |
| | 6 300 | 22,0 | 22,6 | PHG SPC6300X... |
| | 6 700 | 22,0 | 22,6 | PHG SPC6700X... |
| | 7 100 | 22,0 | 22,6 | PHG SPC7100X... |
| | 7 500 | 22,0 | 22,6 | PHG SPC7500X... |
| | 8 000 | 22,0 | 22,6 | PHG SPC8000X... |
| | 8 500 | 22,0 | 22,6 | PHG SPC8500X... |
| | 9 000 | 22,0 | 22,6 | PHG SPC9000X... |
| | 9 500 | 22,0 | 22,6 | PHG SPC9500X... |
| | 10 000 | 22,0 | 22,6 | PHG SPC10000X... |
| | 10 600 | 22,0 | 22,6 | PHG SPC10600X... |
| | 11 200 | 22,0 | 22,6 | PHG SPC11200X... |
| | 11 800 | 22,0 | 22,6 | PHG SPC11800X... |
| | 12 500 | 22,0 | 22,6 | PHG SPC12500X... |

Non-standard lengths are also available.
To complete designation, add number of bands. For example PHG SPC8000X4.

## SKF Banded Classical Belts

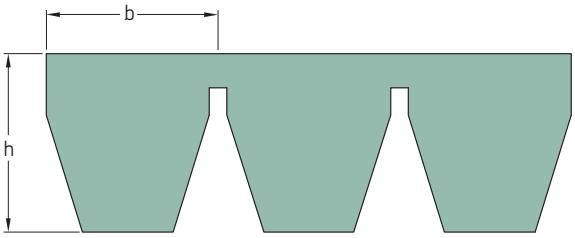
13/A | 17/B | 22/C | 32/D




| Section | Dimensions Pitch length | Inside length | b | h | Designation |
|---|---|---|---|---|---|
| – | mm | in. | mm | | – |
| **13/A** | 1 230 | 47,0 | 13 | 9,9 | **PHG A47X...** |
| | 1 330 | 51,0 | 13 | 9,9 | **PHG A51X...** |
| | 1 460 | 56,0 | 13 | 9,9 | **PHG A56X...** |
| | 1 480 | 57,0 | 13 | 9,9 | **PHG A57X...** |
| | 1 530 | 59,0 | 13 | 9,9 | **PHG A59X...** |
| | 1 660 | 64,0 | 13 | 9,9 | **PHG A64X...** |
| | 1 740 | 67,0 | 13 | 9,9 | **PHG A67X...** |
| | 1 840 | 71,0 | 13 | 9,9 | **PHG A71X...** |
| | 1 940 | 75,0 | 13 | 9,9 | **PHG A75X...** |
| | 2 050 | 79,0 | 13 | 9,9 | **PHG A79X...** |
| | 2 270 | 88,0 | 13 | 9,9 | **PHG A88X...** |
| | 2 520 | 98,0 | 13 | 9,9 | **PHG A98X...** |
| | 2 570 | 100,0 | 13 | 9,9 | **PHG A100X...** |
| | 2 680 | 104,0 | 13 | 9,9 | **PHG A104X...** |
| | 2 880 | 112,0 | 13 | 9,9 | **PHG A112X...** |
| | 3 080 | 120,0 | 13 | 9,9 | **PHG A120X...** |
| | 3 290 | 128,0 | 13 | 9,9 | **PHG A128X...** |
| | 3 690 | 144,0 | 13 | 9,9 | **PHG A144X...** |
| | 4 043 | 158,0 | 13 | 9,9 | **PHG A158X...** |
| | 4 270 | 167,0 | 13 | 9,9 | **PHG A167X...** |
| | 4 780 | 187,0 | 13 | 9,9 | **PHG A187X...** |
| **17/B** | 1 240 | 47,0 | 17 | 13,0 | **PHG B47X...** |
| | 1 340 | 51,0 | 17 | 13,0 | **PHG B51X...** |
| | 1 440 | 55,0 | 17 | 13,0 | **PHG B55X...** |
| | 1 540 | 59,0 | 17 | 13,0 | **PHG B59X...** |
| | 1 590 | 61,0 | 17 | 13,0 | **PHG B61X...** |
| | 1 640 | 63,0 | 17 | 13,0 | **PHG B63X...** |
| | 1 670 | 64,0 | 17 | 13,0 | **PHG B64X...** |
| | 1 740 | 67,0 | 17 | 13,0 | **PHG B67X...** |
| | 1 850 | 71,0 | 17 | 13,0 | **PHG B71X...** |
| | 1 900 | 73,0 | 17 | 13,0 | **PHG B73X...** |
| | 1 950 | 75,0 | 17 | 13,0 | **PHG B75X...** |
| | 2 050 | 79,0 | 17 | 13,0 | **PHG B79X...** |
| | 2 150 | 83,0 | 17 | 13,0 | **PHG B83X...** |
| | 2 280 | 88,0 | 17 | 13,0 | **PHG B88X...** |
| | 2 350 | 91,0 | 17 | 13,0 | **PHG B91X...** |
| | 2 435 | 94,5 | 17 | 13,0 | **PHG B94.5X...** |
| | 2 530 | 98,0 | 17 | 13,0 | **PHG B98X...** |
| | 2 630 | 102,0 | 17 | 13,0 | **PHG B102X...** |
| | 2 740 | 106,0 | 17 | 13,0 | **PHG B106X...** |
| | 2 890 | 112,0 | 17 | 13,0 | **PHG B112X...** |
| | 3 040 | 118,0 | 17 | 13,0 | **PHG B118X...** |
| | 3 090 | 120,0 | 17 | 13,0 | **PHG B120X...** |
| | 3 290 | 128,0 | 17 | 13,0 | **PHG B128X...** |
| | 3 400 | 132,0 | 17 | 13,0 | **PHG B132X...** |
| | 3 600 | 140,0 | 17 | 13,0 | **PHG B140X...** |
| | 3 750 | 146,0 | 17 | 13,0 | **PHG B146X...** |
| | 3 800 | 148,0 | 17 | 13,0 | **PHG B148X...** |
| | 4 060 | 158,0 | 17 | 13,0 | **PHG B158X...** |
| | 4 280 | 167,0 | 17 | 13,0 | **PHG B167X...** |
| | 4 540 | 177,0 | 17 | 13,0 | **PHG B177X...** |
| | 4 800 | 187,0 | 17 | 13,0 | **PHG B187X...** |
| | 5 044 | 197,0 | 17 | 13,0 | **PHG B197X...** |
| | 5 340 | 208,0 | 17 | 13,0 | **PHG B208X...** |

| Section | Dimensions Pitch length | Inside length | b | h | Designation |
|---|---|---|---|---|---|
| – | mm | in. | mm | | – |
| **17/B** | 5 630 | 220,0 | 17 | 13,0 | **PHG B220X...** |
| **22/C** | 2 340 | 90,0 | 22 | 16,2 | **PHG C90X...** |
| | 2 550 | 98,0 | 22 | 16,2 | **PHG C98X...** |
| | 2 800 | 108,0 | 22 | 16,2 | **PHG C108X...** |
| | 3 100 | 120,0 | 22 | 16,2 | **PHG C120X...** |
| | 3 310 | 128,0 | 22 | 16,2 | **PHG C128X...** |
| | 3 610 | 140,0 | 22 | 16,2 | **PHG C140X...** |
| | 3 760 | 146,0 | 22 | 16,2 | **PHG C146X...** |
| | 3 895 | 151,0 | 22 | 16,2 | **PHG C151X...** |
| | 4 300 | 167,0 | 22 | 16,2 | **PHG C167X...** |
| | 4 560 | 177,0 | 22 | 16,2 | **PHG C177X...** |
| | 4 810 | 187,0 | 22 | 16,2 | **PHG C187X...** |
| | 5 060 | 197,0 | 22 | 16,2 | **PHG C197X...** |
| | 5 340 | 208,0 | 22 | 16,2 | **PHG C208X...** |
| | 5 640 | 220,0 | 22 | 16,2 | **PHG C220X...** |
| | 6 050 | 236,0 | 22 | 16,2 | **PHG C236X...** |
| | 6 360 | 248,0 | 22 | 16,2 | **PHG C248X...** |
| **32/D** | 4 080 | 158,0 | 32 | 22,4 | **PHG D158X...** |
| | 4 190 | 162,0 | 32 | 22,4 | **PHG D162X...** |
| | 4 470 | 173,0 | 32 | 22,4 | **PHG D173X...** |
| | 4 650 | 180,0 | 32 | 22,4 | **PHG D180X...** |
| | 5 030 | 195,0 | 32 | 22,4 | **PHG D195X...** |
| | 5 400 | 210,0 | 32 | 22,4 | **PHG D210X...** |
| | 5 790 | 225,0 | 32 | 22,4 | **PHG D225X...** |
| | 6 170 | 240,0 | 32 | 22,4 | **PHG D240X...** |
| | 6 560 | 255,0 | 32 | 22,4 | **PHG D255X...** |
| | 6 940 | 270,0 | 32 | 22,4 | **PHG D270X...** |
| | 7 320 | 285,0 | 32 | 22,4 | **PHG D285X...** |
| | 7 700 | 300,0 | 32 | 22,4 | **PHG D300X...** |
| | 8 080 | 315,0 | 32 | 22,4 | **PHG D315X...** |
| | 8 460 | 330,0 | 32 | 22,4 | **PHG D330X...** |
| | 8 840 | 345,0 | 32 | 22,4 | **PHG D345X...** |
| | 9 220 | 360,0 | 32 | 22,4 | **PHG D360X...** |
| | 9 980 | 390,0 | 32 | 22,4 | **PHG D390X...** |
| | 10 740 | 420,0 | 32 | 22,4 | **PHG D420X...** |
| | 11 505 | 450,0 | 32 | 22,4 | **PHG D450X...** |
| | 12 270 | 480,0 | 32 | 22,4 | **PHG D480X...** |
| | 13 790 | 540,0 | 32 | 22,4 | **PHG D540X...** |

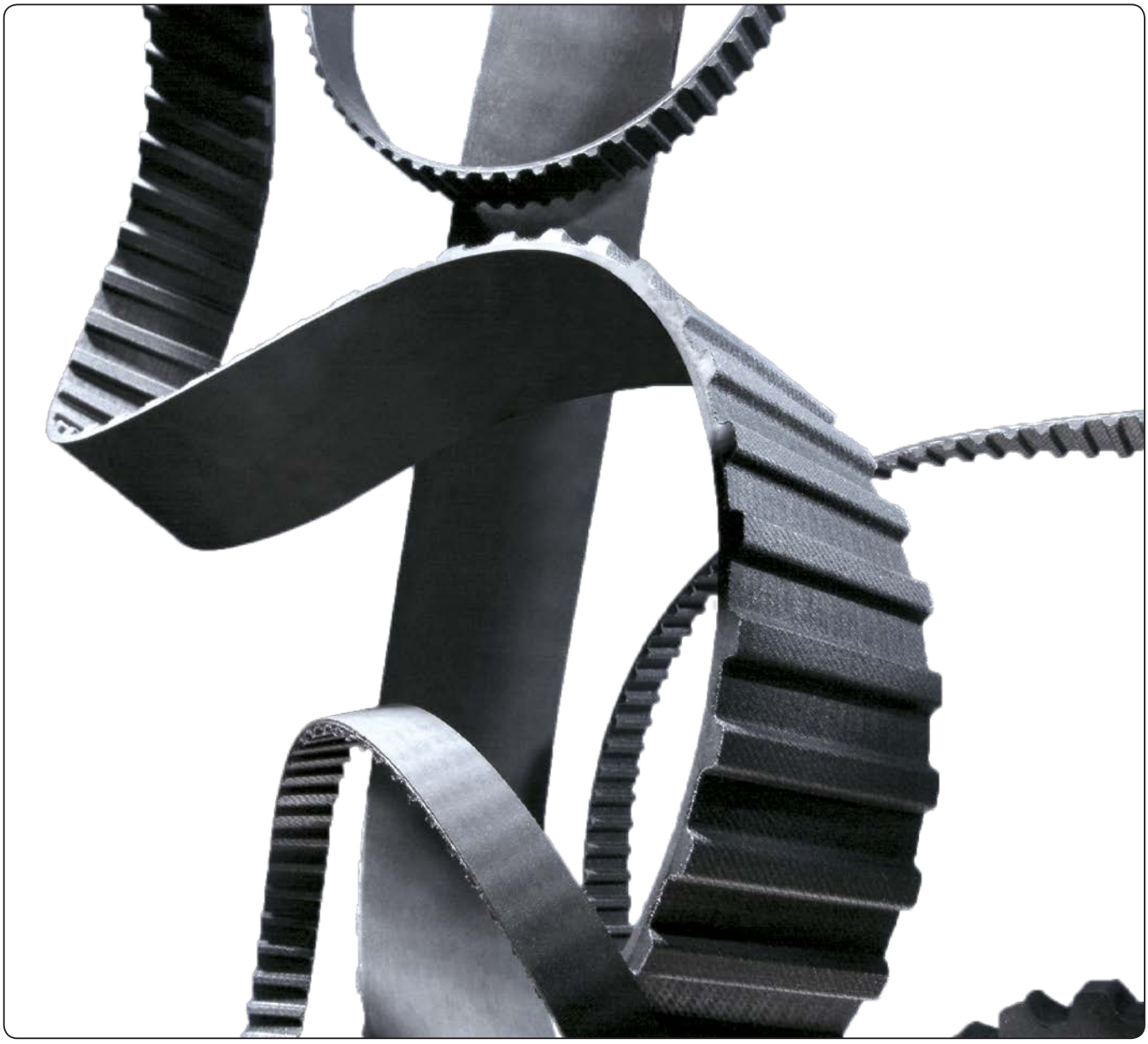
Non-standard lengths are also available.
To complete designation add number of bands. For example PHG D360X6.




| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | b | h | |
| – | mm | in. | mm | | – |
| 3V/9J | 1 270 | 50 | 9 | 9,9 | PHG 3V500X... |
| | 1 346 | 53 | 9 | 9,9 | PHG 3V530X... |
| | 1 422 | 56 | 9 | 9,9 | PHG 3V560X... |
| | 1 524 | 60 | 9 | 9,9 | PHG 3V600X... |
| | 1 600 | 63 | 9 | 9,9 | PHG 3V630X... |
| | 1 702 | 67 | 9 | 9,9 | PHG 3V670X... |
| | 1 803 | 71 | 9 | 9,9 | PHG 3V710X... |
| | 1 905 | 75 | 9 | 9,9 | PHG 3V750X... |
| | 2 032 | 80 | 9 | 9,9 | PHG 3V800X... |
| | 2 159 | 85 | 9 | 9,9 | PHG 3V850X... |
| | 2 286 | 90 | 9 | 9,9 | PHG 3V900X... |
| | 2 413 | 95 | 9 | 9,9 | PHG 3V950X... |
| | 2 540 | 100 | 9 | 9,9 | PHG 3V1000X... |
| | 2 692 | 106 | 9 | 9,9 | PHG 3V1060X... |
| | 2 845 | 112 | 9 | 9,9 | PHG 3V1120X... |
| | 2 997 | 118 | 9 | 9,9 | PHG 3V1180X... |
| | 3 175 | 125 | 9 | 9,9 | PHG 3V1250X... |
| | 3 353 | 132 | 9 | 9,9 | PHG 3V1320X... |
| | 3 556 | 140 | 9 | 9,9 | PHG 3V1400X... |
| 5V/15J | 1 422 | 56 | 15 | 15,1 | PHG 5V560X... |
| | 1 524 | 60 | 15 | 15,1 | PHG 5V600X... |
| | 1 600 | 63 | 15 | 15,1 | PHG 5V630X... |
| | 1 702 | 67 | 15 | 15,1 | PHG 5V670X... |
| | 1 803 | 71 | 15 | 15,1 | PHG 5V710X... |
| | 1 905 | 75 | 15 | 15,1 | PHG 5V750X... |
| | 2 032 | 80 | 15 | 15,1 | PHG 5V800X... |
| | 2 159 | 85 | 15 | 15,1 | PHG 5V850X... |
| | 2 286 | 90 | 15 | 15,1 | PHG 5V900X... |
| | 2 413 | 95 | 15 | 15,1 | PHG 5V950X... |
| | 2 540 | 100 | 15 | 15,1 | PHG 5V1000X... |
| | 2 692 | 106 | 15 | 15,1 | PHG 5V1060X... |
| | 2 845 | 112 | 15 | 15,1 | PHG 5V1120X... |
| | 2 997 | 118 | 15 | 15,1 | PHG 5V1180X... |
| | 3 175 | 125 | 15 | 15,1 | PHG 5V1250X... |
| | 3 353 | 132 | 15 | 15,1 | PHG 5V1320X... |
| | 3 556 | 140 | 15 | 15,1 | PHG 5V1400X... |
| | 3 810 | 150 | 15 | 15,1 | PHG 5V1500X... |
| | 4 064 | 160 | 15 | 15,1 | PHG 5V1600X... |
| | 4 318 | 170 | 15 | 15,1 | PHG 5V1700X... |
| | 4 572 | 180 | 15 | 15,1 | PHG 5V1800X... |
| | 4 826 | 190 | 15 | 15,1 | PHG 5V1900X... |
| | 5 080 | 200 | 15 | 15,1 | PHG 5V2000X... |
| | 5 385 | 212 | 15 | 15,1 | PHG 5V2120X... |
| | 5 690 | 224 | 15 | 15,1 | PHG 5V2240X... |
| | 5 994 | 236 | 15 | 15,1 | PHG 5V2360X... |
| | 6 350 | 250 | 15 | 15,1 | PHG 5V2500X... |
| | 6 731 | 265 | 15 | 15,1 | PHG 5V2650X... |
| | 7 112 | 280 | 15 | 15,1 | PHG 5V2800X... |
| | 7 620 | 300 | 15 | 15,1 | PHG 5V3000X... |
| | 8 001 | 315 | 15 | 15,1 | PHG 5V3150X... |
| | 8 509 | 335 | 15 | 15,1 | PHG 5V3350X... |
| 8V/25J | 2 540 | 100 | 25 | 25,5 | PHG 8V1000X... |
| | 2 692 | 106 | 25 | 25,5 | PHG 8V1060X... |
| | 2 845 | 112 | 25 | 25,5 | PHG 8V1120X... |

| Section | Dimensions Outside length | | | | Designation |
|---|---|---|---|---|---|
| | | | b | h | |
| – | mm | in. | mm | | – |
| 8V/25J | 2 997 | 118 | 25 | 25,5 | PHG 8V1180X... |
| | 3 175 | 125 | 25 | 25,5 | PHG 8V1250X... |
| | 3 353 | 132 | 25 | 25,5 | PHG 8V1320X... |
| | 3 556 | 140 | 25 | 25,5 | PHG 8V1400X... |
| | 3 810 | 150 | 25 | 25,5 | PHG 8V1500X... |
| | 4 064 | 160 | 25 | 25,5 | PHG 8V1600X... |
| | 4 318 | 170 | 25 | 25,5 | PHG 8V1700X... |
| | 4 572 | 180 | 25 | 25,5 | PHG 8V1800X... |
| | 4 826 | 190 | 25 | 25,5 | PHG 8V1900X... |
| | 5 080 | 200 | 25 | 25,5 | PHG 8V2000X... |
| | 5 385 | 212 | 25 | 25,5 | PHG 8V2120X... |
| | 5 690 | 224 | 25 | 25,5 | PHG 8V2240X... |
| | 5 994 | 236 | 25 | 25,5 | PHG 8V2360X... |
| | 6 350 | 250 | 25 | 25,5 | PHG 8V2500X... |
| | 6 731 | 265 | 25 | 25,5 | PHG 8V2650X... |
| | 7 112 | 280 | 25 | 25,5 | PHG 8V2800X... |
| | 7 620 | 300 | 25 | 25,5 | PHG 8V3000X... |
| | 8 001 | 315 | 25 | 25,5 | PHG 8V3150X... |
| | 8 509 | 335 | 25 | 25,5 | PHG 8V3350X... |
| | 9 017 | 355 | 25 | 25,5 | PHG 8V3550X... |
| | 9 525 | 375 | 25 | 25,5 | PHG 8V3750X... |
| | 10 160 | 400 | 25 | 25,5 | PHG 8V4000X... |
| | 10 795 | 425 | 25 | 25,5 | PHG 8V4250X... |
| | 11 430 | 450 | 25 | 25,5 | PHG 8V4500X... |
| | 12 065 | 475 | 25 | 25,5 | PHG 8V4750X... |

Non-standard lengths are also available.
To complete designation add number of bands. For example PHG 8V3350X3.



# 2 Timing belts



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# SKF HiTD Belts

## Construction details

### Tension members

The tension members (cords) are made from low stretch glass fibre cords.

### Rubber cushion

The rubber cushion is made from a high grade chloroprene compound.

### Tooth wrapping fabric

Heavy duty polyamide industrial fabric.

## Applications

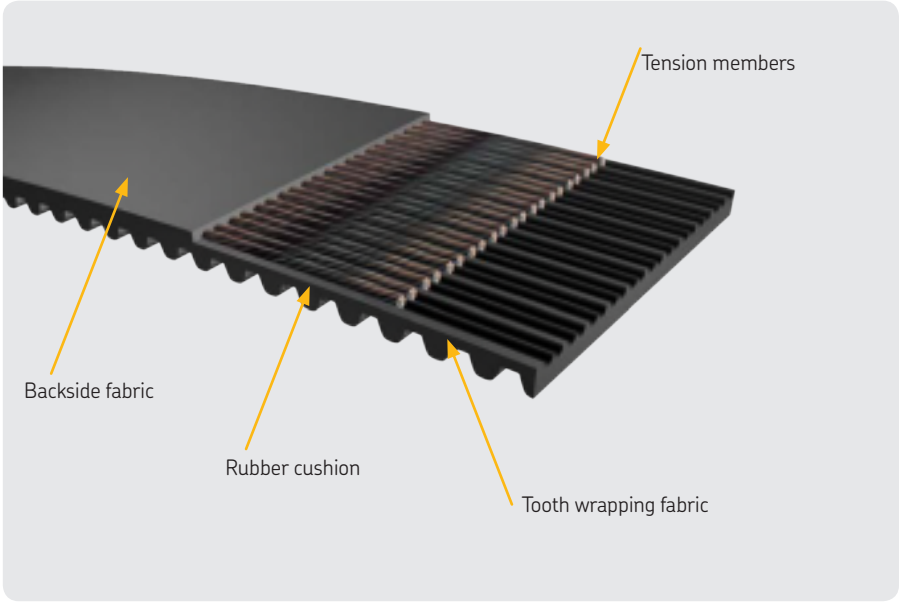
SKF HiTD Belts have been developed to accommodate all industrial applications within its power rating. For additional information about pulleys and belt crossreferences, contact the SKF application engineering service.

## Standards

ISO 13050

## Features:

- Moderately oil-resistant
- Temperature range from –25 to +85 °C
- Ozone resistant
- Excellent dimensional stability
- Suitable for tropical climates




**SKF HiTD Belts**

| Section | Pitch | Tooth height | Height |
|---|---|---|---|
| – | mm | | |
| 3M | 3 | 1,2 | 2,4 |
| 5M | 5 | 2,1 | 3,6 |
| 8M | 8 | 3,9 | 5,6 |
| 14M | 14 | 6,1 | 10,0 |



*SKF HiTD Belts used in a HVAC unit*

# SKF Classical Timing Belts

## Construction details

### Tension members

The tension members are made from low stretch glass fibre cords.

### Rubber cushion

The rubber cushion is made from a chloroprene compound.

### Tooth wrapping fabric

Polyamide industrial fabric.

## Applications

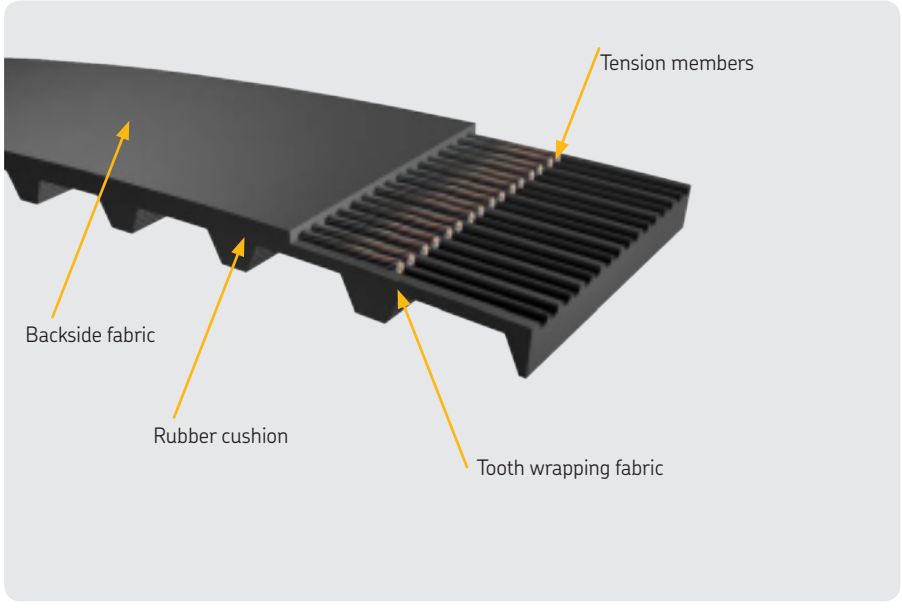
SKF Classical Timing Belts have been developed to accommodate all industrial applications using classical and metric timing belt pulleys.

## Standards

ISO 5296-1

## Features:

- Moderately oil-resistant
- Temperature range from –25 to +85 °C
- Ozone resistant
- Excellent dimensional stability
- Suitable for tropical climates




**SKF Classical Timing Belts**

| Section | Pitch | Tooth height | Height |
|---|---|---|---|
| – | mm | | |
| MXL | 2,03 | 0,51 | 1,1 |
| XL | 5,08 | 1,27 | 2,3 |
| L | 9,53 | 1,91 | 3,6 |
| H | 12,7 | 2,29 | 4,3 |
| XH | 22,23 | 6,35 | 11,2 |
| XXH | 31,75 | 9,53 | 15,7 |
| T2.5 | 2,5 | 0,7 | 1,3 |
| T5 | 5 | 1,2 | 2,2 |
| T10 | 10 | 2,5 | 4,5 |
| T20 | 20 | 5 | 8 |



*SKF Classical Timing Belts used in a bottling line*

# Selection guide for timing belts

## Selection procedure and formulae

Example:
**Driver:** 25 kW electric motor,
1 470 r/min with direct online start.
**Driven:** Rotary compressor, 700 r/min
**Service:** 24 hours /day
Approximate distance between centres
= 700 mm
**Tensioning method:**
SKF Belt Frequency Meter

**1 Service factor ($C_2$)**
Service factors describe the severity of drive conditions. Refer to **tables 2** and **3** on **page 106**.

Example: Medium duty class, heavy start

$C_2 = 2,0$

For speed increasing drives, use correction factors in **table 1** on **page 106**.

**2 Design power ($P_d$)**
Multiply drive power and service factor $C_2$ to get the design power.

$P_d = P_r\, C_2$

Where:
$P_d$ = design power [kW]
$P_r$ = motor rated power or power absorbed by the load [kW]
$C_2$ = service factor

Example:
$P_d = 25 \times 2,0 = 50$ kW

**3 Required speed ratio ($I_r$)**
Divide speed of faster shaft with speed of slower shaft to get the required pulley speed ratio.

$$I_r = \frac{\text{r/min (faster shaft)}}{\text{r/min (slower shaft)}}$$

Example:

$$I_r = \frac{1\,470}{700} = 2,1$$

**4 Belt cross section**
Refer to **diagrams 1** and **2** on **page 107** for the appropriate belt cross section based on speed and design power.

Example: The diagrams suggest section 8M or 14M for the given drive parameters. As the driven machine is classified heavy start, the selected section is 14M.

**5 A. If selected belt cross section is: HiTD 5M, 8M, 14M**
Refer to corresponding centre distance tables **4a** to **4r** on **pages 108** to **125** to get:

| | |
|---|---|
| Belt pitch length | ($L_p$) |
| Design centre distance | ($C_d$) |
| Number of teeth of pulleys | ($Z_s$, $Z_l$) |

Example:
Centre distance table for section HiTD is available on **pages 118** to **126**.

Speed ratio: 2,1
(With reference to Table 4l on page 119, the closest ratio is 2.07)
Belt length: 2 100 mm
CC distance 735,3 mm
$Z_s$ = 29
$Z_l$ = 60
d = 129,2 mm
D = 267,3 mm

Continue with **step 10**

**5 B. If another type of timing belt is selected, where centre distance tables are not available**
Continue with **step 6**.

**6 Pulley diameter and number of teeth (d, D, $Z_s$, $Z_l$)**
- Try to use standard pulley diameters
- Refer to **table 5a** on **pages 126** and **127** to get recommended number of teeth for small pulley ($Z_s$)
- Refer to speed ratio **table 5b** on **pages 126** and **127** to get number of teeth for large pulley ($Z_l$)
- Calculate pulley diameters for small and large pulley

$$d = \frac{Z_s\,\text{Pitch}}{\pi}$$

$$D = \frac{Z_l\,\text{Pitch}}{\pi}$$

where
Pitch = belt pitch distance [mm]
d = pitch diameter of smaller pulley [mm]
D = pitch diameter of larger pulley [mm]

**7 Nominal centre distance ($C_n$)**
Determine nominal centre distance between pulleys from drive data sheet.

**8 Belt datum length ($L_d$)**
Calculate theoretical belt length based on nominal centre distance.

$$L_p = 2\,C_n + 1,57\,(D + d) + \frac{(D - d)^2}{4\,C_n}$$

Where:
$L_p$ = belt datum length [mm]
D = large pulley diameter [mm]
d = small pulley diameter [mm]
$C_n$ = nominal centre distance [mm]

Choose closest available belt pitch length from belt tables on **pages 153** to **163**.

**9 Design centre distance ($C_d$)**

Calculate actual centre distance based on selected belt pitch length $L_p$.

$$C_d = \frac{a + \sqrt{a^2 - 8\,(D-d)^2}}{8}$$

where

$a = 2\,L_p - \pi\,(D - d)$

$D$ = large pulley diameter [mm]

$d$ = small pulley diameter [mm]

$L_p$ = selected belt pitch length [mm]

**10 Power correction factors ($C_1$, $C_4$)**

- Refer to **table 7** on **page 128** for belt length correction factor $C_1$. If $C_1$ is not listed for a specific belt type, take $C_1 = 1$
- Belt power tables consider only drives with 6 or more teeth in mesh. If less than 6 teeth in mesh, additional reduction of basic belt power rating due to excessive tooth loading is required.

Calculate number of teeth in mesh by using the following formula:

$$TIM = \frac{0{,}5 - (D-d)}{6\,C_d} Z_s$$

Where:

TIM = number of teeth in mesh

$D$ = large pulley diameter [mm]

$d$ = small pulley diameter [mm]

$C_d$ = design centre distance [mm]

$Z_s$ = number of teeth on small pulley

- Refer to **table 6** on **page 128** for teeth in mesh correction factor $C_4$

**11 Corrected belt power rating and respective belt width ($P_{corr}$, $W_b$)**

The corrected power rating is basic power rating given in power rating **tables 8a** to **8p** on **pages 129** to **142** multiplied by power correction factors $C_1$, $C_4$ as defined in **step 10**.

$$P_{corr} = P_b\,C_4\,C_1$$

The corrected power rating must be equal or greater than the design power calculated in **step 2**.

$$P_b\,C_4\,C_1 \geq P_d$$

Minimum required basic power rating:

$$P_b = \frac{P_d}{C_4\,C_1}$$

Refer to power rating **tables 8a** to **8p** on **pages 129** to **142** to select the corresponding belt width $W_b$.

This procedure may involve some degree of trial and error iterations from **step 5** to **11** in order to reach the appropriate actual belt basic power rating.

The following rules should be followed when selecting the belt width:

- Larger pulleys mean less belt width
- Larger pulleys will increase belt life and decrease bearing load
- Belt width should not exceed small pulley diameter

Example:

Required belt basic power rating is:

$$P_b = \frac{50}{1{,}0 \times 1{,}0} = 50\ kW$$

Selected belt width $W_b$ = 115 mm

Actual belt basic power for HiTD 115 =

Select value from table 8o on page 141

I.e. A 29-teeth pulley with a section 14M (40mm wide) belt has a required speed of 1,470 rpm.

1,440 rpm = 20,20 x 3.21 (width multiplier for 14M section) = 64.84 kW

1,500 rpm = 20,83 x 3.21 (width multiplier for 14M section) = 66,86 kW

This means that at a speed of 1,470 rpm, the required power is acceptable as both are greater than the required Pb 50kW.

**12 Installation and take-up allowances**

Installation allowance **MIA** is minimum **distance** needed to decrease the CC distance in order to be able to install the belt.

Take-up allowance **MTA** is minimum distance needed to increase the CC distance in order to tension the belt.

Refer to **table 9** on **page 143** for values.

Example:

For one flanged pulley:

MIA = 39 mm

MTA = 4 mm

CC min = 735,3 – 39 = 696,3 mm

CC max = 735,3 + 4 = 739,3 mm

**13 Belt tension**

Refer to the **tables 10** to **13** on **pages 144** to **148** to get the recommended tension value for selected belt or follow instructions in tensioning section to calculate tension specifically for this drive.

Example:

Tensioning method: The SKF pen tester is not applicable as the required tension is too high. The usage of the SKF Belt Frequency Meter is recommended.

Belt: PHG 2100-14M-115

Used run-in belt: 3 200 N

New belt: 4 480 N

# Service factors

**Table 1**

**Speed increase ratio**

| For speed increasing drives of |
|---|
| Speed ratio 1,00–1,24 multiply service factor by 1,00 |
| Speed ratio 1,25–1,74 multiply service factor by 1,05 |
| Speed ratio 1,75–2,49 multiply service factor by 1,11 |
| Speed ratio 2,50–3,49 multiply service factor by 1,18 |
| Speed ratio 3,50 and over multiply service factor by 1,25 |

**Table 2**

**Types of prime mover**

| **Soft starts** Electric motors: | **Heavy starts** Electric motors: |
|---|---|
| AC – Star delta start | AC – Direct-on-line start |
| DC – Shunt wound | DC – Series and compound wound |
| Internal combustion engines with 4 or more cylinders | Internal combustion engines with less than 4 cylinders. |
| Prime movers fitted with centrifugal clutches, dry or fluid couplings or electronic soft start devices | Prime movers not fitted with soft start devices |

**Table 3**

| **Types of driven machinery** | | **Soft starts** | | | **Heavy starts** | | |
|---|---|---|---|---|---|---|---|
| | | Duty time h/day | | | Duty time h/day | | |
| | | 10 and under | Over 10 to 16 | Over 16 | 10 and under | Over 10 to 16 | Over 16 |
| Class 1 Light duty | Blowers, exhausters and fans (up to 7,5 kW), centrifugal compressors and pumps. Belt conveyors (uniformly loaded). | 1,3 | 1,4 | 1,5 | 1,7 | 1,8 | 1,9 |
| Class 2 Medium duty | Agitators (uniform density), blowers, exhausters and fans (over 7,5 kW). Rotary compressors and pumps (other than centrifugal). Belt conveyors (not uniformly loaded), generators and excitors, laundry machinery, lineshafts, machine tools, printing machinery, sawmill and woodworking machinery, screens (rotary). | 1,4 | 1,5 | 1,6 | 1,8 | 1,9 | 2,0 |
| Class 3 Heavy duty | Agitators and mixers (variable density), brick machinery, bucket elevators, compressors and pumps (reciprocating), conveyors (heavy duty). Hoists, mills (hammer), pulverisers, punches, presses, shears, quarry plant, rubber machinery, screens (vibrating), textile machinery. | 1,7 | 1,8 | 1,9 | 2,0 | 2,1 | 2,2 |
| Class 4 Extra heavy duty | Crushers (gyratory-jaw roll), mills (ball-rod-tube). | 1,9 | 2,0 | 2,1 | 2,3 | 2,4 | 2,5 |

# Belt cross section



**Diagram 1**

**SKF HiTD Belts**

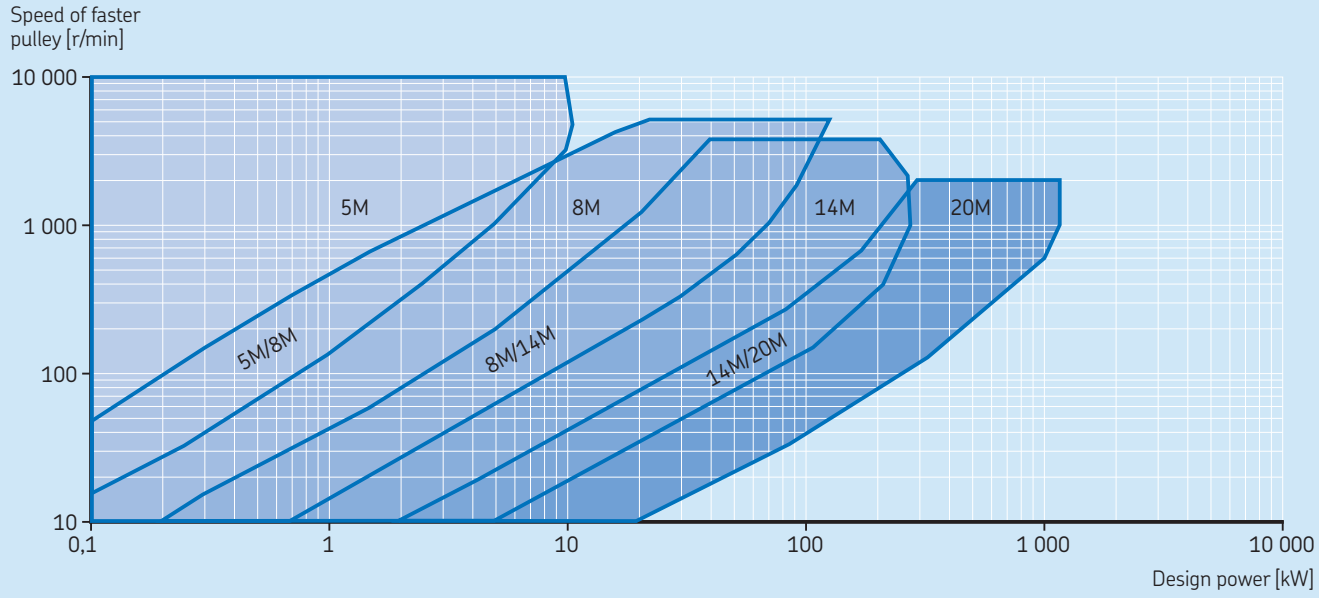
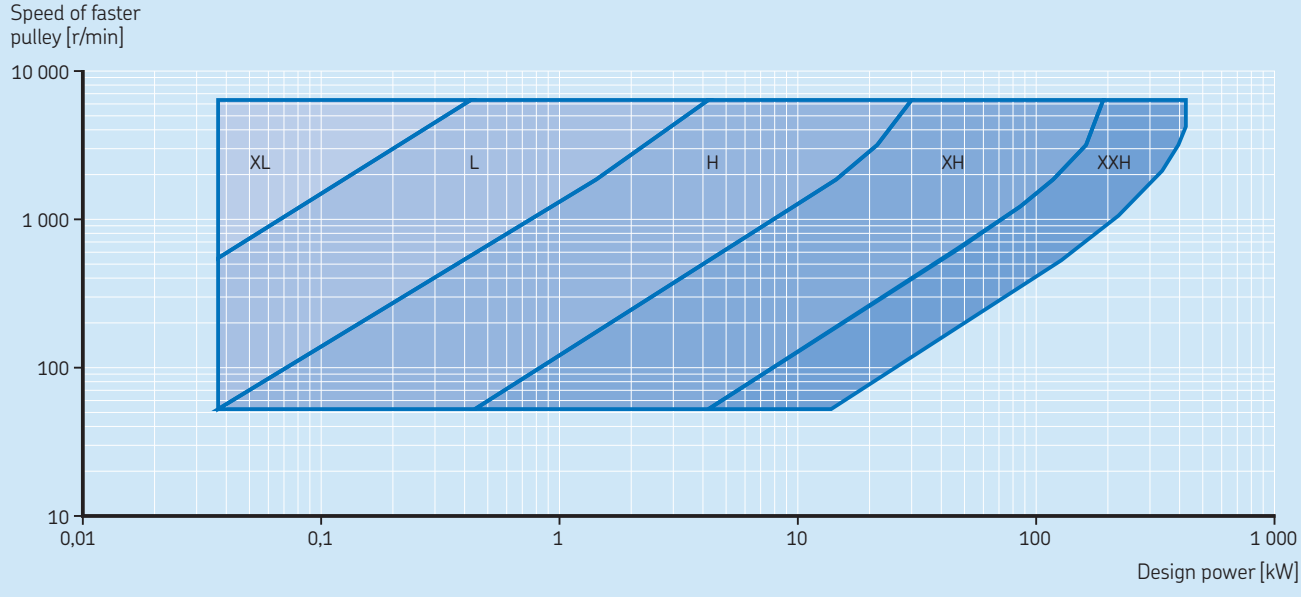



**Diagram 2**

**SKF Classical Timing Belts**



# Centre distances
## Section 5M

**Table 4a**

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 350 | 375 | 400 | 425 | 450 | 475 | 500 | 535 | 565 | 600 | 635 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,00** | 72 | 114,59 | 72 | 114,59 | – | – | – | – | – | – | – | – | – | – | 137,5 |
| **1,00** | 68 | 108,23 | 68 | 108,23 | – | – | – | – | – | – | – | – | – | 130,0 | 147,5 |
| **1,00** | 64 | 101,86 | 64 | 101,86 | – | – | – | – | – | – | – | – | 122,5 | 140,0 | 157,5 |
| **1,00** | 60 | 95,49 | 60 | 95,49 | – | – | – | – | – | – | – | 117,5 | 132,5 | 150,0 | 167,5 |
| **1,00** | 56 | 89,13 | 56 | 89,13 | – | – | – | – | – | – | 110,0 | 127,5 | 142,5 | 160,0 | 177,5 |
| **1,00** | 52 | 82,76 | 52 | 82,76 | – | – | – | – | 95,0 | 107,5 | 120,0 | 137,5 | 152,5 | 170,0 | 187,5 |
| **1,00** | 48 | 76,39 | 48 | 76,39 | – | – | – | 92,5 | 105,0 | 117,5 | 130,0 | 147,5 | 162,5 | 180,0 | 197,5 |
| **1,00** | 44 | 70,03 | 44 | 70,03 | – | – | 90,0 | 102,5 | 115,0 | 127,5 | 140,0 | 157,5 | 172,5 | 190,0 | 207,5 |
| **1,00** | 40 | 63,66 | 40 | 63,66 | 75,0 | 87,5 | 100,0 | 112,5 | 125,0 | 137,5 | 150,0 | 167,5 | 182,5 | 200,0 | 217,5 |
| **1,00** | 38 | 60,48 | 38 | 60,48 | 80,0 | 92,5 | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 172,5 | 187,5 | 205,0 | 222,5 |
| **1,00** | 36 | 57,30 | 36 | 57,30 | 85,0 | 97,5 | 110,0 | 122,5 | 135,0 | 147,5 | 160,0 | 177,5 | 192,5 | 210,0 | 227,5 |
| **1,00** | 34 | 54,11 | 34 | 54,11 | 90,0 | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 165,0 | 182,5 | 197,5 | 215,0 | 232,5 |
| **1,00** | 32 | 50,93 | 32 | 50,93 | 95,0 | 107,5 | 120,0 | 132,5 | 145,0 | 157,5 | 170,0 | 187,5 | 202,5 | 220,0 | 237,5 |
| **1,05** | 38 | 60,48 | 40 | 63,66 | 77,5 | 90,0 | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 170,0 | 185,0 | 202,5 | 220,5 |
| **1,06** | 68 | 108,23 | 72 | 114,59 | – | – | – | – | – | – | – | 125,0 | – | 125,0 | 142,5 |
| **1,06** | 64 | 101,86 | 68 | 108,23 | – | – | – | – | – | – | 117,5 | 135,0 | – | 135,0 | 152,5 |
| **1,06** | 36 | 57,30 | 38 | 60,48 | 82,5 | 95,0 | 107,5 | 120,0 | 132,5 | 145,0 | 157,5 | 175,0 | 190,0 | 207,5 | 225,0 |
| **1,06** | 34 | 54,11 | 36 | 57,30 | 87,5 | 100,0 | 112,5 | 125,0 | 137,5 | 150,0 | 162,5 | 180,0 | 195,0 | 212,5 | 230,0 |
| **1,06** | 32 | 50,93 | 34 | 54,11 | 92,5 | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 167,5 | 185,0 | 200,0 | 217,5 | 235,0 |
| **1,07** | 60 | 95,49 | 64 | 101,86 | – | – | – | – | – | – | – | 112,5 | 127,5 | 145,0 | 162,5 |
| **1,07** | 56 | 89,15 | 60 | 95,49 | – | – | – | – | – | – | 105,0 | 122,5 | 137,5 | 155,0 | 172,5 |
| **1,08** | 52 | 82,76 | 56 | 89,13 | – | – | – | – | – | 102,5 | 115,0 | 132,5 | 147,5 | 165,0 | 182,5 |
| **1,08** | 48 | 76,39 | 52 | 82,76 | – | – | – | – | 99,9 | 112,5 | 125,0 | 142,5 | 157,5 | 175,0 | 192,5 |
| **1,09** | 44 | 70,03 | 48 | 76,39 | – | – | 84,9 | 97,4 | 110,0 | 122,5 | 135,0 | 152,5 | 167,5 | 185,0 | 202,5 |
| **1,10** | 40 | 63,66 | 44 | 70,03 | – | 82,4 | 94,9 | 107,5 | 120,0 | 132,5 | 145,0 | 162,5 | 177,5 | 195,0 | 212,5 |
| **1,11** | 72 | 114,59 | 80 | 127,32 | – | – | – | – | – | – | – | – | – | – | – |
| **1,11** | 36 | 57,23 | 40 | 63,66 | 79,9 | 92,4 | 105,0 | 117,5 | 130,0 | 142,5 | 155,0 | 172,5 | 187,5 | 205,0 | 222,5 |
| **1,12** | 34 | 54,11 | 38 | 60,48 | 84,9 | 97,4 | 110,0 | 122,5 | 135,0 | 147,5 | 160,0 | 177,5 | 192,5 | 210,0 | 227,5 |
| **1,13** | 64 | 101,86 | 72 | 114,59 | – | – | – | – | – | – | – | – | – | 129,8 | 147,4 |
| **1,13** | 60 | 95,49 | 68 | 108,23 | – | – | – | – | – | – | – | – | 122,3 | 139,9 | 157,4 |
| **1,13** | 32 | 50,93 | 36 | 57,30 | 89,9 | 102,5 | 115,0 | 127,5 | 140,0 | 152,5 | 165,0 | 182,5 | 197,5 | 215,0 | 232,5 |
| **1,14** | 56 | 89,13 | 64 | 101,86 | – | – | – | – | – | – | – | 117,3 | 132,3 | 149,9 | 167,4 |
| **1,15** | 52 | 82,76 | 60 | 95,49 | – | – | – | – | – | – | 109,8 | 127,3 | 142,4 | 159,9 | 177,4 |
| **1,16** | 38 | 60,48 | 44 | 70,03 | – | 84,9 | 97,4 | 109,9 | 122,4 | 134,9 | 147,4 | 164,9 | 179,9 | 197,4 | 214,9 |
| **1,17** | 48 | 76,39 | 56 | 89,13 | – | – | – | – | 94,8 | 107,3 | 119,8 | 137,4 | 152,4 | 169,9 | 187,4 |
| **1,18** | 68 | 108,23 | 80 | 127,32 | – | – | – | – | – | – | – | – | – | – | 132,2 |
| **1,18** | 44 | 70,03 | 52 | 82,76 | – | – | – | 92,3 | 104,8 | 117,3 | 129,8 | 147,4 | 162,4 | 179,9 | 197,4 |
| **1,18** | 34 | 54,11 | 40 | 63,66 | 82,4 | 94,9 | 107,4 | 119,9 | 132,4 | 144,9 | 157,4 | 174,9 | 189,9 | 207,4 | 224,9 |
| **1,19** | 32 | 50,93 | 38 | 60,48 | 87,4 | 99,9 | 112,4 | 124,9 | 137,4 | 149,9 | 162,4 | 179,9 | 194,9 | 212,4 | 230,0 |
| **1,20** | 60 | 95,49 | 72 | 114,59 | – | – | – | – | – | – | – | – | 117,1 | 134,7 | 152,2 |
| **1,20** | 40 | 63,66 | 48 | 76,39 | – | – | 89,8 | 102,3 | 114,8 | 127,3 | 139,9 | 157,4 | 172,4 | 189,9 | 207,4 |
| **1,21** | 56 | 89,13 | 68 | 108,23 | – | – | – | – | – | – | – | 112,1 | 127,1 | 144,7 | 162,2 |
| **1,22** | 36 | 57,3 | 44 | 70,03 | 74,7 | 87,3 | 99,8 | 112,3 | 124,8 | 137,4 | 149,9 | 167,4 | 182,4 | 199,9 | 217,4 |
| **1,23** | 52 | 82,76 | 64 | 101,86 | – | – | – | – | – | – | 104,6 | 122,1 | 137,2 | 154,7 | 172,2 |
| **1,25** | 72 | 114,59 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | – |
| **1,25** | 64 | 101,85 | 80 | 127,32 | – | – | – | – | – | – | – | – | – | – | 136,9 |
| **1,25** | 48 | 76,39 | 60 | 95,49 | – | – | – | – | – | 102,1 | 114,6 | 132,2 | 147,2 | 164,7 | 182,2 |
| **1,25** | 32 | 50,93 | 40 | 63,66 | 84,8 | 97,3 | 109,8 | 122,3 | 134,8 | 147,4 | 159,9 | 177,4 | 192,4 | 209,9 | 227,4 |
| **1,26** | 38 | 60,48 | 48 | 76,39 | – | 79,6 | 92,2 | 104,7 | 117,2 | 129,8 | 142,3 | 159,8 | 174,8 | 192,3 | 209,8 |
| **1,27** | 44 | 70,03 | 56 | 89,13 | – | – | – | – | 99,5 | 112,1 | 124,6 | 142,2 | 157,2 | 174,7 | 192,3 |
| **1,29** | 56 | 89,13 | 72 | 114,59 | – | – | – | – | – | – | – | – | 121,8 | 139,4 | 157,0 |
| **1,29** | 34 | 54,11 | 44 | 70,03 | 77,1 | 89,6 | 102,2 | 114,7 | 127,3 | 139,8 | 152,3 | 169,8 | 184,8 | 202,3 | 219,9 |
| **1,30** | 40 | 63,66 | 52 | 82,76 | – | – | 84,5 | 97,0 | 109,6 | 122,1 | 134,7 | 152,2 | 167,2 | 184,8 | 202,3 |
| **1,31** | 52 | 82,76 | 68 | 108,23 | – | – | – | – | – | – | – | 116,8 | 131,9 | 149,5 | 167,0 |
| **1,32** | 68 | 108,23 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | – |
| **1,33** | 60 | 95,49 | 80 | 127,32 | – | – | – | – | – | – | – | – | – | 124,0 | 141,6 |
| **1,33** | 48 | 76,39 | 64 | 101,86 | – | – | – | – | – | – | 109,3 | 126,9 | 141,9 | 159,5 | 177,0 |
| **1,33** | 36 | 57,23 | 48 | 76,39 | – | 81,9 | 94,5 | 107,1 | 119,6 | 132,2 | 144,7 | 162,2 | 177,2 | 194,8 | 212,3 |
| **1,36** | 44 | 70,03 | 60 | 95,49 | – | – | – | – | 94,1 | 106,7 | 119,3 | 136,9 | 152,0 | 169,5 | 187,1 |
| **1,37** | 38 | 60,48 | 52 | 82,76 | – | – | 86,8 | 99,4 | 111,9 | 124,5 | 137,0 | 154,6 | 169,6 | 187,2 | 204,7 |
| **1,38** | 52 | 82,76 | 72 | 114,59 | – | – | – | – | – | – | – | 111,4 | 126,5 | 144,1 | 161,7 |
| **1,38** | 32 | 50,93 | 44 | 70,03 | 79,4 | 92,0 | 104,6 | 117,1 | 129,6 | 142,2 | 154,7 | 172,2 | 187,3 | 204,8 | 222,3 |
| **1,40** | 40 | 63,66 | 56 | 89,13 | – | – | – | 91,6 | 104,2 | 116,8 | 129,4 | 146,9 | 162,0 | 179,5 | 197,1 |
| **1,41** | 64 | 101,86 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | – |
| **1,41** | 34 | 54,11 | 48 | 76,39 | – | 84,3 | 96,9 | 109,4 | 122,0 | 134,5 | 147,1 | 164,6 | 179,7 | 197,2 | 214,7 |
| **1,42** | 48 | 76,39 | 68 | 108,23 | – | – | – | – | – | – | 103,8 | 121,5 | 136,6 | 154,2 | 171,8 |
| **1,43** | 56 | 89,13 | 80 | 127,32 | – | – | – | – | – | – | – | – | – | 128,6 | 146,3 |
| **1,44** | 36 | 57,3 | 52 | 82,76 | – | – | 89,1 | 101,7 | 114,3 | 126,9 | 139,4 | 157,0 | 172,0 | 189,6 | 207,1 |
| **1,45** | 44 | 70,03 | 64 | 101,86 | – | – | – | – | – | 101,2 | 113,9 | 131,5 | 146,6 | 164,2 | 181,8 |
| **1,47** | 38 | 60,48 | 56 | 89,13 | – | – | – | 93,9 | 106,5 | 119,1 | 131,7 | 149,3 | 164,4 | 181,9 | 199,5 |
| **1,50** | 60 | 95,49 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | 127,8 |
| **1,50** | 48 | 76,39 | 72 | 114,59 | – | – | – | – | – | – | – | 115,9 | 131,1 | 148,8 | 166,4 |
| **1,50** | 40 | 63,66 | 60 | 95,49 | – | – | – | – | 98,7 | 111,4 | 124,0 | 141,6 | 156,7 | 174,3 | 191,8 |
| **1,50** | 32 | 50,93 | 48 | 76,39 | 73,9 | 86,6 | 99,2 | 111,8 | 124,3 | 136,9 | 149,5 | 167,0 | 182,1 | 199,6 | 217,1 |
| **1,53** | 34 | 54,11 | 52 | 82,76 | – | 78,7 | 91,4 | 104,0 | 116,6 | 129,2 | 141,8 | 159,4 | 174,4 | 192,0 | 209,5 |
| **1,54** | 52 | 82,76 | 80 | 127,32 | – | – | – | – | – | – | – | – | 115,3 | 133,1 | 150,9 |
| **1,55** | 44 | 70,03 | 68 | 108,23 | – | – | – | – | – | – | 108,3 | 126,1 | 141,2 | 158,9 | 176,5 |
| **1,56** | 72 | 114,59 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **1,56** | 36 | 57,3 | 56 | 89,13 | – | – | – | 96,2 | 108,8 | 121,5 | 134,1 | 151,7 | 166,7 | 184,3 | 201,9 |
| **1,58** | 38 | 60,48 | 60 | 95,49 | – | – | – | – | 101,0 | 113,6 | 126,3 | 143,9 | 159,0 | 176,6 | 194,2 |

Table 4b

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 350 | 375 | 400 | 425 | 450 | 475 | 500 | 535 | 565 | 600 | 635 |
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,60** | 40 | 63,66 | 64 | 101,86 | – | – | – | – | – | 105,8 | 118,5 | 136,2 | 151,3 | 168,9 | 186,5 |
| **1,61** | 56 | 89,13 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | 132,2 |
| **1,63** | 32 | 50,93 | 52 | 82,76 | – | 80,9 | 93,6 | 106,3 | 118,9 | 131,5 | 144,1 | 161,7 | 176,8 | 194,3 | 211,9 |
| **1,64** | 44 | 70,03 | 72 | 114,59 | – | – | – | – | – | – | – | 120,4 | 135,7 | 153,4 | 171,0 |
| **1,65** | 68 | 108,23 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **1,65** | 34 | 54,11 | 56 | 89,13 | – | – | 85,7 | 98,4 | 111,1 | 123,8 | 136,4 | 154,0 | 169,1 | 186,7 | 204,2 |
| **1,67** | 48 | 76,39 | 80 | 127,32 | – | – | – | – | – | – | – | – | 119,8 | 137,6 | 155,4 |
| **1,67** | 36 | 57,3 | 60 | 95,49 | – | – | – | 90,5 | 103,2 | 115,9 | 128,6 | 146,3 | 161,4 | 179,0 | 196,6 |
| **1,68** | 38 | 60,48 | 64 | 101,86 | – | – | – | – | 95,2 | 108,0 | 120,7 | 138,5 | 153,6 | 171,2 | 188,9 |
| **1,70** | 40 | 63,66 | 68 | 108,23 | – | – | – | – | – | 100,0 | 112,8 | 130,6 | 145,8 | 163,5 | 181,1 |
| **1,73** | 52 | 82,76 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | – | 136,6 |
| **1,75** | 64 | 101,86 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **1,75** | 32 | 50,93 | 56 | 89,13 | – | – | 87,9 | 100,7 | 113,4 | 126,1 | 138,7 | 156,3 | 171,4 | 189,0 | 206,6 |
| **1,76** | 34 | 54,11 | 60 | 95,49 | – | – | – | 92,7 | 105,5 | 118,2 | 130,9 | 148,6 | 163,7 | 181,3 | 198,9 |
| **1,78** | 36 | 57,30 | 64 | 101,86 | – | – | – | – | 97,4 | 110,2 | 123,0 | 140,7 | 155,9 | 173,6 | 191,2 |
| **1,79** | 38 | 60,48 | 68 | 108,23 | – | – | – | – | – | 102,2 | 115,0 | 132,8 | 148,1 | 165,8 | 183,4 |
| **1,80** | 40 | 63,66 | 72 | 114,59 | – | – | – | – | – | – | 107,0 | 124,9 | 140,2 | 157,9 | 175,7 |
| **1,82** | 44 | 70,03 | 80 | 127,32 | – | – | – | – | – | – | – | 108,7 | 124,2 | 142,1 | 159,9 |
| **1,87** | 60 | 95,49 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **1,88** | 48 | 76,39 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | 122,9 | 141,0 |
| **1,88** | 34 | 54,11 | 64 | 101,86 | – | – | – | – | 99,6 | 112,5 | 125,2 | 143,0 | 158,2 | 175,9 | 193,5 |
| **1,88** | 32 | 50,93 | 60 | 95,49 | – | – | – | 94,9 | 107,7 | 120,4 | 133,1 | 150,9 | 166,0 | 183,6 | 201,3 |
| **1,89** | 38 | 60,48 | 72 | 114,59 | – | – | – | – | – | – | 109,1 | 127,1 | 142,4 | 160,2 | 117,9 |
| **1,89** | 36 | 57,30 | 68 | 108,23 | – | – | – | – | – | 104,4 | 117,2 | 135,1 | 150,3 | 168,1 | 185,8 |
| **2,00** | 56 | 89,13 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **2,00** | 40 | 63,66 | 80 | 127,32 | – | – | – | – | – | – | – | 113,0 | 128,5 | 146,5 | 164,4 |
| **2,00** | 36 | 57,30 | 72 | 114,59 | – | – | – | – | – | 98,3 | 111,3 | 129,3 | 144,7 | 162,5 | 180,2 |
| **2,00** | 34 | 54,11 | 68 | 108,23 | – | – | – | – | 93,6 | 106,5 | 119,4 | 137,3 | 152,6 | 170,3 | 188,1 |
| **2,00** | 32 | 50,93 | 64 | 101,86 | – | – | – | 88,8 | 101,8 | 114,7 | 127,4 | 145,3 | 160,5 | 178,2 | 195,8 |
| **2,05** | 44 | 70,03 | 90 | 143,24 | – | – | – | – | – | – | – | – | – | 127,2 | 145,0 |
| **2,11** | 38 | 60,48 | 80 | 127,32 | – | – | – | – | – | – | – | 115,1 | 130,7 | 148,7 | 166,6 |
| **2,12** | 34 | 54,11 | 72 | 114,59 | – | – | – | – | – | 100,4 | 113,4 | 131,5 | 146,9 | 164,7 | 182,5 |
| **2,13** | 32 | 50,93 | 68 | 108,23 | – | – | – | – | 95,7 | 108,7 | 121,6 | 139,5 | 154,8 | 172,6 | 190,3 |
| **2,15** | 52 | 82,76 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **2,22** | 36 | 57,30 | 80 | 127,32 | – | – | – | – | – | – | – | 117,2 | 132,9 | 150,9 | 168,9 |
| **2,25** | 40 | 63,66 | 90 | 143,24 | – | – | – | – | – | – | – | – | 112,9 | 131,4 | 149,7 |
| **2,25** | 32 | 50,93 | 72 | 114,59 | – | – | – | – | – | 102,5 | 115,6 | 133,7 | 149,1 | 167,0 | 184,8 |
| **2,33** | 48 | 76,39 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **2,35** | 34 | 54,11 | 80 | 127,32 | – | – | – | – | – | – | 100,8 | 119,3 | 135,0 | 153,1 | 171,1 |
| **2,37** | 38 | 60,48 | 90 | 143,24 | – | – | – | – | – | – | – | – | 115,0 | 133,5 | 151,8 |
| **2,50** | 36 | 57,30 | 90 | 143,24 | – | – | – | – | – | – | – | – | 117,0 | 135,6 | 154,0 |
| **2,50** | 32 | 50,93 | 80 | 127,32 | – | – | – | – | – | – | 102,8 | 121,4 | 137,1 | 155,3 | 173,3 |
| **2,55** | 44 | 70,03 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **2,65** | 34 | 54,11 | 90 | 143,24 | – | – | – | – | – | – | – | – | 119,1 | 137,1 | 156,1 |
| **2,80** | 40 | 63,66 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **2,81** | 32 | 50,93 | 90 | 143,24 | – | – | – | – | – | – | – | – | 121,1 | 139,8 | 158,2 |
| **2,95** | 38 | 60,48 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **3,11** | 36 | 57,30 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **3,29** | 34 | 54,11 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |
| **3,50** | 32 | 50,95 | 112 | 178,25 | – | – | – | – | – | – | – | – | – | – | – |

# Centre distances
## Section 5M

**Table 4c**

| Speed ratio | Driver Number of teeth | Driver Pitch diameter | Driven Number of teeth | Driven Pitch diameter | Belt length 670 | 710 | 740 | 800 | 850 | 890 | 950 | 1 000 | 1 050 | 1 125 | 1 195 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,00** | 72 | 114,59 | 72 | 114,59 | 155,0 | 175,0 | 190,0 | 220,0 | 245,0 | 265,0 | 295,0 | 320,0 | 345,0 | 382,5 | 417,5 |
| **1,00** | 68 | 108,23 | 68 | 108,23 | 165,0 | 185,0 | 200,0 | 230,0 | 255,0 | 275,0 | 305,0 | 330,0 | 355,0 | 392,5 | 427,5 |
| **1,00** | 64 | 101,86 | 64 | 101,86 | 175,0 | 195,0 | 210,0 | 240,0 | 265,0 | 285,0 | 315,0 | 340,0 | 365,0 | 402,5 | 437,5 |
| **1,00** | 60 | 95,49 | 60 | 95,49 | 185,0 | 205,0 | 220,0 | 250,0 | 275,0 | 295,0 | 325,0 | 350,0 | 375,0 | 412,5 | 447,5 |
| **1,00** | 56 | 89,13 | 56 | 89,13 | 195,0 | 215,0 | 230,0 | 260,0 | 285,0 | 305,0 | 335,0 | 360,0 | 385,0 | 422,5 | 457,5 |
| **1,00** | 52 | 82,76 | 52 | 82,76 | 205,0 | 225,0 | 240,0 | 270,0 | 295,0 | 315,0 | 345,0 | 370,0 | 395,0 | 432,5 | 467,5 |
| **1,00** | 48 | 76,39 | 48 | 76,39 | 215,0 | 235,0 | 250,0 | 280,0 | 305,0 | 325,0 | 355,0 | 380,0 | 405,0 | 442,5 | 477,5 |
| **1,00** | 44 | 70,03 | 44 | 70,03 | 225,0 | 245,0 | 260,0 | 290,0 | 315,0 | 335,0 | 365,0 | 390,0 | 415,0 | 452,5 | 487,5 |
| **1,00** | 40 | 63,66 | 40 | 63,66 | 235,0 | 255,0 | 270,0 | 300,0 | 325,0 | 345,0 | 375,0 | 400,0 | 425,0 | 462,5 | 497,5 |
| **1,00** | 38 | 60,48 | 38 | 60,48 | 240,0 | 260,0 | 275,0 | 305,0 | 330,0 | 350,0 | 380,0 | 405,0 | 430,0 | 467,5 | 502,5 |
| **1,00** | 36 | 57,30 | 36 | 57,30 | 245,0 | 265,0 | 280,0 | 310,0 | 335,0 | 355,0 | 385,0 | 410,0 | 435,0 | 472,5 | 507,5 |
| **1,00** | 34 | 54,11 | 34 | 54,11 | 250,0 | 270,0 | 285,0 | 315,0 | 340,0 | 360,0 | 390,0 | 415,0 | 440,0 | 477,5 | 512,5 |
| **1,00** | 32 | 50,93 | 32 | 50,93 | 255,0 | 275,0 | 290,0 | 320,0 | 345,0 | 365,0 | 395,0 | 420,0 | 445,0 | 482,5 | 517,5 |
| **1,05** | 38 | 60,48 | 40 | 63,66 | 237,5 | 257,5 | 272,5 | 302,5 | 327,5 | 347,5 | 377,5 | 402,5 | 427,5 | 465,0 | 500,0 |
| **1,06** | 68 | 108,23 | 72 | 114,59 | 160,0 | 180,0 | 195,0 | 225,0 | 250,0 | 270,0 | 300,0 | 325,0 | 350,0 | 387,5 | 422,5 |
| **1,06** | 64 | 101,86 | 68 | 108,23 | 170,0 | 190,0 | 205,0 | 235,0 | 260,0 | 280,0 | 310,0 | 335,0 | 360,0 | 397,5 | 432,5 |
| **1,06** | 36 | 57,30 | 38 | 60,48 | 242,5 | 262,5 | 277,5 | 307,5 | 332,5 | 352,5 | 382,5 | 407,5 | 432,5 | 470,0 | 505,0 |
| **1,06** | 34 | 54,11 | 36 | 57,30 | 247,5 | 267,5 | 282,5 | 312,5 | 337,5 | 357,5 | 387,5 | 412,5 | 437,5 | 475,0 | 510,0 |
| **1,06** | 32 | 50,93 | 34 | 54,11 | 252,5 | 272,5 | 287,5 | 317,5 | 342,5 | 362,5 | 392,5 | 417,5 | 442,5 | 480,0 | 515,0 |
| **1,07** | 60 | 95,49 | 64 | 101,86 | 180,0 | 200,0 | 215,0 | 245,0 | 270,0 | 290,0 | 320,0 | 345,0 | 370,0 | 407,5 | 442,5 |
| **1,07** | 56 | 89,15 | 60 | 95,49 | 190,0 | 210,0 | 225,0 | 255,0 | 280,0 | 300,0 | 330,0 | 355,0 | 380,0 | 417,5 | 452,5 |
| **1,08** | 52 | 82,76 | 56 | 89,13 | 200,0 | 220,0 | 235,0 | 265,0 | 290,0 | 310,0 | 340,0 | 365,0 | 390,0 | 427,5 | 462,5 |
| **1,08** | 48 | 76,39 | 52 | 82,76 | 210,0 | 230,0 | 245,0 | 275,0 | 300,0 | 320,0 | 350,0 | 375,0 | 400,0 | 437,5 | 472,5 |
| **1,09** | 44 | 70,03 | 48 | 76,39 | 220,0 | 240,0 | 255,0 | 285,0 | 310,0 | 330,0 | 360,0 | 385,0 | 410,0 | 447,5 | 482,5 |
| **1,10** | 40 | 63,66 | 44 | 70,03 | 230,0 | 250,0 | 265,0 | 295,0 | 320,0 | 340,0 | 370,0 | 395,0 | 420,0 | 457,5 | 492,5 |
| **1,11** | 72 | 114,59 | 80 | 127,32 | 144,9 | 164,9 | 179,9 | 209,9 | 234,9 | 254,9 | 284,9 | 309,9 | 334,9 | 372,4 | 407,5 |
| **1,11** | 36 | 57,23 | 40 | 63,66 | 240,0 | 260,0 | 275,0 | 305,0 | 330,0 | 350,0 | 380,0 | 405,0 | 430,0 | 467,5 | 502,5 |
| **1,12** | 34 | 54,11 | 38 | 60,48 | 245,0 | 265,0 | 280,0 | 310,0 | 335,0 | 355,0 | 385,0 | 410,0 | 435,0 | 472,5 | 507,5 |
| **1,13** | 64 | 101,86 | 72 | 114,59 | 164,9 | 184,9 | 199,9 | 229,9 | 254,9 | 274,9 | 304,9 | 329,9 | 354,9 | 392,4 | 427,5 |
| **1,13** | 60 | 95,49 | 68 | 108,23 | 174,9 | 194,9 | 209,9 | 239,9 | 264,9 | 284,9 | 314,9 | 339,9 | 364,9 | 402,5 | 437,5 |
| **1,13** | 32 | 50,93 | 36 | 57,30 | 250,0 | 270,0 | 285,0 | 315,0 | 340,0 | 360,0 | 390,0 | 415,0 | 440,0 | 477,5 | 512,5 |
| **1,14** | 56 | 89,13 | 64 | 101,86 | 184,9 | 204,9 | 219,9 | 249,9 | 274,9 | 294,9 | 324,9 | 349,9 | 374,9 | 412,5 | 447,5 |
| **1,15** | 52 | 82,76 | 60 | 95,49 | 194,9 | 214,9 | 229,9 | 259,9 | 284,9 | 304,9 | 334,9 | 359,9 | 384,9 | 422,5 | 457,5 |
| **1,16** | 38 | 60,48 | 44 | 70,03 | 232,5 | 252,5 | 267,5 | 297,5 | 322,5 | 342,5 | 372,5 | 397,5 | 422,5 | 460,0 | 495,0 |
| **1,17** | 48 | 76,39 | 56 | 89,13 | 204,9 | 224,9 | 239,9 | 269,9 | 294,9 | 314,9 | 344,9 | 369,9 | 394,9 | 432,5 | 467,5 |
| **1,18** | 68 | 108,23 | 80 | 127,32 | 149,7 | 169,7 | 164,8 | 214,8 | 239,8 | 259,8 | 289,8 | 314,9 | 339,9 | 377,4 | 412,4 |
| **1,18** | 44 | 70,03 | 52 | 82,76 | 214,9 | 234,9 | 249,9 | 279,9 | 304,9 | 324,9 | 354,9 | 379,9 | 405,0 | 442,5 | 477,5 |
| **1,18** | 34 | 54,11 | 40 | 63,66 | 242,5 | 262,5 | 277,5 | 307,5 | 332,5 | 352,5 | 382,5 | 407,5 | 432,5 | 470,0 | 505,0 |
| **1,19** | 32 | 50,93 | 38 | 60,48 | 247,5 | 267,5 | 282,5 | 312,5 | 337,5 | 357,5 | 387,5 | 412,5 | 437,5 | 475,0 | 510,0 |
| **1,20** | 60 | 95,49 | 72 | 114,59 | 169,7 | 189,8 | 204,8 | 234,8 | 259,8 | 279,8 | 309,9 | 334,9 | 359,9 | 397,4 | 432,4 |
| **1,20** | 40 | 63,66 | 48 | 76,39 | 224,9 | 244,9 | 259,9 | 289,9 | 314,9 | 334,9 | 364,9 | 390,0 | 415,0 | 452,5 | 487,5 |
| **1,21** | 56 | 89,13 | 68 | 108,23 | 179,7 | 199,8 | 214,8 | 244,8 | 269,8 | 289,8 | 319,9 | 344,9 | 369,9 | 407,4 | 442,4 |
| **1,22** | 36 | 57,3 | 44 | 70,03 | 234,9 | 254,9 | 269,9 | 299,9 | 324,9 | 344,9 | 374,9 | 400,0 | 425,0 | 462,5 | 497,5 |
| **1,23** | 52 | 82,76 | 64 | 101,86 | 189,8 | 209,8 | 224,8 | 254,8 | 279,8 | 299,8 | 329,9 | 354,9 | 379,9 | 417,4 | 452,4 |
| **1,25** | 72 | 114,59 | 90 | 143,24 | – | 151,8 | 166,9 | 197,0 | 222,0 | 242,1 | 272,1 | 297,2 | 322,2 | 359,7 | 394,7 |
| **1,25** | 64 | 101,85 | 80 | 127,32 | 154,5 | 174,5 | 189,6 | 219,6 | 244,7 | 264,7 | 294,7 | 319,7 | 344,8 | 382,3 | 417,3 |
| **1,25** | 48 | 76,39 | 60 | 95,49 | 199,8 | 219,8 | 234,8 | 264,8 | 289,8 | 309,9 | 339,9 | 364,9 | 389,0 | 427,4 | 462,4 |
| **1,25** | 32 | 50,93 | 40 | 63,66 | 244,9 | 264,9 | 279,9 | 309,9 | 334,9 | 354,9 | 384,9 | 410,0 | 435,0 | 472,5 | 507,5 |
| **1,26** | 38 | 60,48 | 48 | 76,39 | 227,4 | 247,4 | 262,4 | 292,4 | 317,4 | 337,4 | 367,4 | 392,4 | 417,4 | 454,9 | 489,9 |
| **1,27** | 44 | 70,03 | 56 | 89,13 | 209,8 | 229,8 | 244,8 | 274,8 | 299,8 | 319,9 | 349,9 | 374,9 | 399,9 | 437,4 | 472,4 |
| **1,29** | 56 | 89,13 | 72 | 114,59 | 174,5 | 194,6 | 209,6 | 239,7 | 264,7 | 284,7 | 314,7 | 339,8 | 364,8 | 402,3 | 437,3 |
| **1,29** | 34 | 54,11 | 44 | 70,03 | 237,4 | 257,4 | 272,4 | 302,4 | 327,4 | 347,4 | 377,4 | 402,4 | 427,4 | 464,9 | 499,9 |
| **1,30** | 40 | 63,66 | 52 | 82,76 | 219,8 | 239,8 | 254,8 | 284,8 | 309,9 | 329,9 | 359,9 | 384,9 | 409,9 | 447,4 | 482,4 |
| **1,31** | 52 | 82,76 | 68 | 108,23 | 184,6 | 204,6 | 219,6 | 249,7 | 274,7 | 294,7 | 324,8 | 349,8 | 374,8 | 412,3 | 447,3 |
| **1,32** | 68 | 108,23 | 90 | 143,24 | 136,4 | 156,5 | 171,6 | 201,7 | 226,8 | 246,9 | 276,9 | 302,0 | 327,0 | 364,6 | 399,6 |
| **1,33** | 60 | 95,49 | 80 | 127,32 | 159,2 | 179,3 | 194,3 | 224,4 | 249,5 | 269,5 | 299,6 | 324,6 | 349,6 | 387,2 | 422,2 |
| **1,33** | 48 | 76,39 | 64 | 101,86 | 194,6 | 214,6 | 229,6 | 259,7 | 284,7 | 304,7 | 334,8 | 359,8 | 384,8 | 422,3 | 457,3 |
| **1,33** | 36 | 57,23 | 48 | 76,39 | 229,8 | 249,8 | 264,8 | 294,8 | 319,9 | 339,9 | 369,9 | 394,9 | 419,9 | 457,4 | 492,4 |
| **1,36** | 44 | 70,03 | 60 | 95,49 | 204,6 | 224,6 | 239,7 | 269,7 | 294,7 | 314,7 | 344,8 | 369,8 | 394,8 | 432,3 | 467,3 |
| **1,37** | 38 | 60,48 | 52 | 82,76 | 222,2 | 242,2 | 257,3 | 287,3 | 312,3 | 332,3 | 362,3 | 387,3 | 412,4 | 449,9 | 484,9 |
| **1,38** | 52 | 82,76 | 72 | 114,59 | 179,3 | 199,4 | 214,4 | 244,5 | 269,5 | 289,6 | 319,6 | 344,6 | 369,7 | 407,2 | 442,2 |
| **1,38** | 32 | 50,93 | 44 | 70,03 | 239,8 | 259,8 | 274,8 | 304,9 | 329,9 | 349,9 | 379,9 | 404,9 | 429,9 | 467,4 | 502,4 |
| **1,40** | 40 | 63,66 | 56 | 89,13 | 214,6 | 234,7 | 249,7 | 279,7 | 304,7 | 324,8 | 354,8 | 379,8 | 404,8 | 442,3 | 477,3 |
| **1,41** | 64 | 101,86 | 90 | 143,24 | 141,0 | 161,2 | 176,3 | 206,5 | 231,6 | 251,6 | 281,7 | 306,8 | 331,9 | 369,4 | 404,5 |
| **1,41** | 34 | 54,11 | 48 | 76,39 | 232,2 | 252,3 | 267,3 | 297,3 | 322,3 | 342,3 | 372,3 | 397,3 | 422,4 | 459,9 | 494,9 |
| **1,42** | 48 | 76,39 | 68 | 108,23 | 189,3 | 209,4 | 224,4 | 254,5 | 279,5 | 299,6 | 329,6 | 354,6 | 379,7 | 417,2 | 452,2 |
| **1,43** | 56 | 89,13 | 80 | 127,32 | 163,9 | 184,0 | 199,1 | 229,2 | 254,3 | 274,3 | 304,4 | 329,4 | 354,5 | 392,0 | 427,1 |
| **1,44** | 36 | 57,3 | 52 | 82,76 | 224,6 | 244,7 | 259,7 | 289,7 | 314,7 | 334,8 | 364,8 | 389,8 | 414,8 | 452,3 | 487,3 |
| **1,45** | 44 | 70,03 | 64 | 101,86 | 199,4 | 219,4 | 234,5 | 264,5 | 289,6 | 309,6 | 339,6 | 364,7 | 389,7 | 427,2 | 462,2 |
| **1,47** | 38 | 60,48 | 56 | 89,13 | 217,0 | 237,1 | 252,1 | 282,1 | 307,2 | 327,2 | 357,2 | 382,2 | 407,2 | 444,8 | 479,8 |
| **1,50** | 60 | 95,49 | 90 | 143,24 | 145,5 | 165,8 | 180,9 | 211,1 | 236,3 | 256,4 | 286,5 | 311,6 | 336,7 | 374,2 | 409,3 |
| **1,50** | 48 | 76,39 | 72 | 114,59 | 184,0 | 204,1 | 219,2 | 249,3 | 274,3 | 294,4 | 324,4 | 349,5 | 374,5 | 412,1 | 447,1 |
| **1,50** | 40 | 63,66 | 60 | 95,49 | 209,4 | 229,4 | 244,5 | 274,5 | 299,6 | 319,6 | 349,6 | 374,7 | 399,7 | 437,2 | 472,2 |
| **1,50** | 32 | 50,93 | 48 | 76,39 | 234,7 | 254,7 | 269,7 | 299,7 | 324,8 | 344,8 | 374,8 | 399,8 | 424,8 | 462,3 | 497,3 |
| **1,53** | 34 | 54,11 | 52 | 82,76 | 227,0 | 247,1 | 262,1 | 292,1 | 317,2 | 337,2 | 367,2 | 392,2 | 417,3 | 454,8 | 489,8 |

Table 4d

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 670 | 710 | 740 | 800 | 850 | 890 | 950 | 1 000 | 1 050 | 1 125 | 1 195 |
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,54** | 52 | 82,76 | 80 | 127,32 | 168,5 | 188,7 | 203,8 | 233,9 | 259,0 | 279,1 | 309,2 | 334,3 | 359,3 | 396,9 | 431,9 |
| **1,55** | 44 | 70,03 | 68 | 108,23 | 194,1 | 214,1 | 229,2 | 259,3 | 284,4 | 304,4 | 334,5 | 359,5 | 384,5 | 422,1 | 457,1 |
| **1,56** | 72 | 114,59 | 112 | 178,25 | – | – | – | 167,0 | 192,4 | 212,6 | 242,9 | 268,1 | 293,3 | 331,0 | 366,1 |
| **1,56** | 36 | 57,3 | 56 | 89,13 | 219,4 | 239,5 | 254,5 | 284,6 | 309,6 | 329,6 | 359,6 | 384,7 | 409,7 | 447,2 | 482,2 |
| **1,58** | 38 | 60,48 | 60 | 95,49 | 211,8 | 231,8 | 246,9 | 276,9 | 302,0 | 322,0 | 352,1 | 377,1 | 402,1 | 439,7 | 474,7 |
| **1,60** | 40 | 63,66 | 64 | 101,86 | 204,1 | 224,2 | 239,2 | 269,3 | 294,4 | 314,4 | 344,5 | 369,5 | 394,5 | 432,1 | 467,1 |
| **1,61** | 56 | 89,13 | 90 | 143,24 | 150,1 | 170,3 | 185,5 | 215,8 | 241,0 | 261,1 | 291,2 | 316,3 | 341,4 | 379,0 | 414,1 |
| **1,63** | 32 | 50,93 | 52 | 82,76 | 229,4 | 249,5 | 264,5 | 294,6 | 319,6 | 339,6 | 369,7 | 394,7 | 419,7 | 457,2 | 492,2 |
| **1,64** | 44 | 70,03 | 72 | 114,59 | 188,7 | 208,8 | 223,9 | 254,0 | 279,1 | 299,2 | 329,2 | 354,3 | 379,3 | 416,9 | 452,0 |
| **1,65** | 68 | 108,23 | 112 | 178,25 | – | – | – | 171,4 | 196,9 | 217,2 | 247,5 | 272,7 | 297,9 | 335,7 | 370,8 |
| **1,65** | 34 | 54,11 | 56 | 89,13 | 221,8 | 241,9 | 256,9 | 287,0 | 312,0 | 332,0 | 362,1 | 387,1 | 412,1 | 449,7 | 484,7 |
| **1,67** | 48 | 76,39 | 80 | 127,32 | 173,1 | 193,3 | 208,4 | 238,6 | 263,8 | 283,9 | 314,0 | 339,0 | 364,1 | 401,7 | 436,8 |
| **1,67** | 36 | 57,3 | 60 | 95,49 | 214,1 | 234,2 | 249,3 | 279,3 | 304,4 | 324,4 | 354,5 | 379,5 | 404,5 | 442,1 | 477,1 |
| **1,68** | 38 | 60,48 | 64 | 101,86 | 206,5 | 226,6 | 241,6 | 271,7 | 296,8 | 316,8 | 346,9 | 371,9 | 397,0 | 434,5 | 469,5 |
| **1,70** | 40 | 63,66 | 68 | 108,23 | 198,7 | 218,9 | 233,9 | 264,1 | 289,1 | 309,2 | 339,3 | 364,3 | 389,4 | 426,9 | 462,0 |
| **1,73** | 52 | 82,76 | 90 | 143,24 | 154,5 | 174,9 | 190,1 | 220,4 | 245,6 | 265,8 | 296,0 | 321,1 | 346,2 | 383,8 | 418,9 |
| **1,75** | 64 | 101,86 | 112 | 178,25 | – | – | – | 175,8 | 201,4 | 221,7 | 252,1 | 277,4 | 302,6 | 340,4 | 375,6 |
| **1,75** | 32 | 50,93 | 56 | 89,13 | 224,2 | 244,3 | 259,3 | 289,4 | 314,4 | 334,5 | 364,5 | 389,5 | 414,6 | 452,1 | 487,1 |
| **1,76** | 34 | 54,11 | 60 | 95,49 | 216,5 | 236,6 | 251,6 | 281,7 | 306,8 | 326,8 | 356,9 | 381,9 | 407,0 | 444,5 | 479,6 |
| **1,78** | 36 | 57,30 | 64 | 101,86 | 208,8 | 228,9 | 244,0 | 274,1 | 299,2 | 319,2 | 349,3 | 374,3 | 399,4 | 436,9 | 472,0 |
| **1,79** | 38 | 60,48 | 68 | 108,23 | 201,1 | 221,2 | 236,3 | 266,4 | 291,5 | 311,6 | 341,7 | 366,7 | 391,8 | 429,3 | 464,4 |
| **1,80** | 40 | 63,66 | 72 | 114,59 | 193,3 | 213,5 | 228,6 | 258,7 | 283,9 | 303,9 | 334,0 | 359,1 | 384,2 | 421,7 | 456,8 |
| **1,82** | 44 | 70,03 | 80 | 127,32 | 177,7 | 197,9 | 213,1 | 243,3 | 268,5 | 288,6 | 318,7 | 343,8 | 368,9 | 406,5 | 441,6 |
| **1,87** | 60 | 95,49 | 112 | 178,25 | – | – | 149,2 | 180,2 | 205,8 | 226,2 | 256,7 | 282,0 | 307,2 | 345,0 | 380,2 |
| **1,88** | 48 | 76,39 | 90 | 143,24 | 159,0 | 179,4 | 194,6 | 225,0 | 250,3 | 270,4 | 300,6 | 325,8 | 350,9 | 388,6 | 423,7 |
| **1,88** | 34 | 54,11 | 64 | 101,86 | 211,1 | 231,3 | 246,3 | 276,5 | 301,6 | 321,6 | 351,7 | 376,7 | 401,8 | 439,4 | 474,4 |
| **1,88** | 32 | 50,93 | 60 | 95,49 | 218,9 | 239,0 | 254,0 | 284,1 | 309,2 | 329,2 | 359,3 | 384,4 | 409,4 | 446,9 | 482,0 |
| **1,89** | 38 | 60,48 | 72 | 114,59 | 195,6 | 215,8 | 230,9 | 261,1 | 286,2 | 306,3 | 336,4 | 361,5 | 386,6 | 424,1 | 459,2 |
| **1,89** | 36 | 57,30 | 68 | 108,23 | 203,4 | 223,5 | 238,6 | 268,8 | 293,9 | 314,0 | 344,1 | 369,1 | 394,2 | 431,7 | 466,8 |
| **2,00** | 56 | 89,13 | 112 | 178,25 | – | – | 153,5 | 184,6 | 210,3 | 230,7 | 261,2 | 286,5 | 311,8 | 349,7 | 384,9 |
| **2,00** | 40 | 63,66 | 80 | 127,32 | 182,2 | 202,5 | 217,7 | 248,0 | 273,1 | 293,3 | 323,4 | 348,5 | 373,6 | 411,3 | 446,4 |
| **2,00** | 36 | 57,30 | 72 | 114,59 | 197,9 | 218,1 | 233,2 | 263,4 | 288,6 | 308,7 | 338,8 | 363,9 | 388,9 | 426,5 | 461,6 |
| **2,00** | 34 | 54,11 | 68 | 108,23 | 205,7 | 225,9 | 241,0 | 271,1 | 296,3 | 316,3 | 346,4 | 371,5 | 396,6 | 434,2 | 469,2 |
| **2,00** | 32 | 50,93 | 64 | 101,86 | 213,5 | 233,6 | 248,7 | 278,8 | 303,9 | 324,0 | 354,1 | 379,1 | 404,2 | 441,8 | 476,8 |
| **2,05** | 44 | 70,03 | 90 | 143,24 | 163,4 | 183,8 | 199,1 | 229,6 | 254,9 | 275,1 | 305,3 | 330,5 | 355,6 | 393,3 | 428,4 |
| **2,11** | 38 | 60,48 | 80 | 127,32 | 184,5 | 204,8 | 220,0 | 250,3 | 275,5 | 295,6 | 325,8 | 350,9 | 376,0 | 413,6 | 448,8 |
| **2,12** | 34 | 54,11 | 72 | 114,59 | 200,2 | 220,4 | 235,6 | 265,8 | 290,9 | 311,0 | 341,2 | 366,3 | 391,3 | 428,9 | 464,0 |
| **2,13** | 32 | 50,93 | 68 | 108,23 | 208,0 | 228,2 | 243,3 | 273,5 | 298,6 | 318,7 | 348,8 | 373,9 | 399,0 | 436,6 | 471,6 |
| **2,15** | 52 | 82,76 | 112 | 178,25 | – | 141,9 | 157,7 | 188,9 | 214,7 | 235,1 | 265,7 | 291,1 | 316,4 | 354,3 | 389,6 |
| **2,22** | 36 | 57,30 | 80 | 127,32 | 186,7 | 207,0 | 222,2 | 252,6 | 277,8 | 297,9 | 328,1 | 353,3 | 378,4 | 416,0 | 451,1 |
| **2,25** | 40 | 63,66 | 90 | 143,24 | 167,8 | 188,3 | 203,6 | 234,1 | 259,4 | 279,7 | 309,9 | 335,1 | 360,3 | 398,0 | 433,2 |
| **2,25** | 32 | 50,93 | 72 | 114,59 | 202,5 | 222,7 | 237,9 | 268,1 | 293,3 | 313,4 | 343,5 | 368,6 | 393,7 | 431,3 | 466,4 |
| **2,33** | 48 | 76,39 | 112 | 178,25 | – | 146,0 | 161,9 | 193,2 | 219,1 | 239,6 | 270,2 | 295,6 | 321,0 | 358,9 | 394,2 |
| **2,35** | 34 | 54,11 | 80 | 127,32 | 188,9 | 209,3 | 224,5 | 254,9 | 280,1 | 300,3 | 330,5 | 355,6 | 380,7 | 418,4 | 453,5 |
| **2,37** | 38 | 60,48 | 90 | 143,24 | 169,9 | 190,5 | 205,8 | 236,4 | 261,7 | 282,0 | 312,3 | 337,5 | 362,6 | 400,4 | 435,5 |
| **2,50** | 36 | 57,30 | 90 | 143,24 | 172,1 | 192,7 | 208,0 | 238,6 | 264,0 | 284,2 | 314,6 | 339,8 | 365,0 | 402,7 | 437,9 |
| **2,50** | 32 | 50,93 | 80 | 127,32 | 191,2 | 211,5 | 226,8 | 257,2 | 282,4 | 302,6 | 332,8 | 358,0 | 383,1 | 420,8 | 455,9 |
| **2,55** | 44 | 70,03 | 112 | 178,25 | – | 150,1 | 166,1 | 197,5 | 223,4 | 244,0 | 274,7 | 300,1 | 325,5 | 363,5 | 398,8 |
| **2,65** | 34 | 54,11 | 90 | 143,24 | 174,3 | 194,9 | 210,3 | 240,9 | 266,3 | 286,5 | 316,9 | 342,1 | 367,3 | 405,0 | 440,2 |
| **2,80** | 40 | 63,66 | 112 | 178,25 | 132,4 | 154,2 | 170,3 | 201,8 | 227,8 | 248,4 | 279,1 | 304,6 | 330,0 | 368,0 | 403,4 |
| **2,81** | 32 | 50,93 | 90 | 143,24 | 176,4 | 197,1 | 212,5 | 243,1 | 268,5 | 288,8 | 319,2 | 344,4 | 369,6 | 407,4 | 442,6 |
| **2,95** | 38 | 60,48 | 112 | 178,25 | 134,4 | 156,3 | 172,3 | 203,9 | 229,9 | 250,5 | 281,3 | 306,8 | 332,3 | 370,3 | 405,7 |
| **3,11** | 36 | 57,30 | 112 | 178,25 | 136,4 | 158,3 | 174,4 | 206,1 | 232,1 | 252,7 | 283,5 | 309,1 | 334,5 | 372,6 | 408,0 |
| **3,29** | 34 | 54,11 | 112 | 178,25 | 138,3 | 160,3 | 176,5 | 208,2 | 234,2 | 254,9 | 285,7 | 311,3 | 336,8 | 374,8 | 410,3 |
| **3,50** | 32 | 50,95 | 112 | 178,25 | 140,3 | 162,4 | 178,5 | 210,3 | 236,4 | 257,1 | 287,9 | 313,5 | 339,0 | 377,1 | 412,6 |

**Table 4e**

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 480 | 560 | 600 | 640 | 720 | 800 | 880 | 960 | 1 040 | 1 120 | 1 200 | 1 280 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | | |
| **1,00** | 80 | 203,72 | 80 | 203,72 | – | – | – | – | – | – | – | – | 240,0 | 280,0 | 320,0 | – |
| **1,00** | 72 | 183,35 | 72 | 183,35 | – | – | – | – | – | – | – | 232,0 | 272,0 | 312,0 | 352,0 | – |
| **1,00** | 64 | 162,97 | 64 | 162,97 | – | – | – | – | – | – | 184,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 |
| **1,00** | 56 | 142,60 | 56 | 142,60 | – | – | – | – | – | 176,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 | 416,0 |
| **1,00** | 48 | 122,23 | 48 | 122,23 | – | – | – | – | 168,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 |
| **1,00** | 44 | 112,05 | 44 | 112,05 | – | – | 124,0 | 144,0 | 184,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 |
| **1,00** | 40 | 101,86 | 40 | 101,86 | – | 120,0 | 140,0 | 160,0 | 200,0 | 240,0 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 |
| **1,00** | 38 | 96,77 | 38 | 96,77 | – | 128,0 | 148,0 | 168,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 |
| **1,00** | 36 | 91,67 | 36 | 91,67 | – | 136,0 | 156,0 | 176,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 |
| **1,00** | 34 | 86,58 | 34 | 86,58 | 104,0 | 144,0 | 164,0 | 184,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 |
| **1,00** | 32 | 81,49 | 32 | 81,49 | 112,0 | 152,0 | 172,0 | 192,0 | 232,0 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 |
| **1,00** | 30 | 76,39 | 30 | 76,39 | 120,0 | 160,0 | 180,0 | 200,0 | 240,0 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 | 520,0 |
| **1,00** | 28 | 71,30 | 28 | 71,30 | 128,0 | 168,0 | 188,0 | 208,0 | 248,0 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 | 528,0 |
| **1,00** | 26 | 66,21 | 26 | 66,21 | 136,0 | 176,0 | 196,0 | 216,0 | 256,0 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 | 536,0 |
| **1,00** | 24 | 61,12 | 24 | 61,12 | 144,0 | 184,0 | 204,0 | 224,0 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 | 544,0 |
| **1,00** | 22 | 56,02 | 22 | 56,02 | 152,0 | 192,0 | 212,0 | 232,0 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 | 552,0 |
| **1,05** | 38 | 96,77 | 40 | 101,86 | – | 124,0 | 144,0 | 164,0 | 204,0 | 244,0 | 284,0 | 324,0 | 364,0 | 404,0 | 444,0 | 484,0 |
| **1,06** | 36 | 91,67 | 38 | 96,77 | – | 132,0 | 152,0 | 172,0 | 212,0 | 252,0 | 292,0 | 332,0 | 372,0 | 412,0 | 452,0 | 492,0 |
| **1,06** | 34 | 86,58 | 36 | 91,67 | 100,0 | 140,0 | 160,0 | 180,0 | 220,0 | 260,0 | 300,0 | 340,0 | 380,0 | 420,0 | 460,0 | 500,0 |
| **1,06** | 32 | 81,49 | 34 | 86,58 | 108,0 | 148,0 | 168,0 | 188,0 | 228,0 | 268,0 | 308,0 | 348,0 | 388,0 | 428,0 | 468,0 | 508,0 |
| **1,07** | 30 | 76,39 | 32 | 81,49 | 116,0 | 156,0 | 176,0 | 196,0 | 236,0 | 276,0 | 316,0 | 356,0 | 396,0 | 436,0 | 476,0 | 516,0 |
| **1,07** | 28 | 71,30 | 30 | 76,39 | 124,0 | 164,0 | 184,0 | 204,0 | 244,0 | 284,0 | 324,0 | 364,0 | 404,0 | 444,0 | 484,0 | 524,0 |
| **1,08** | 26 | 66,21 | 28 | 71,30 | 132,0 | 172,0 | 192,0 | 212,0 | 252,0 | 292,0 | 332,0 | 372,0 | 412,0 | 452,0 | 492,0 | 532,0 |
| **1,08** | 24 | 61,12 | 26 | 66,21 | 140,0 | 180,0 | 200,0 | 220,0 | 260,0 | 300,0 | 340,0 | 380,0 | 420,0 | 460,0 | 500,0 | 540,0 |
| **1,09** | 44 | 112,05 | 48 | 122,23 | – | – | – | 135,9 | 175,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 |
| **1,09** | 22 | 56,02 | 24 | 61,12 | 148,0 | 188,0 | 208,0 | 228,0 | 268,0 | 308,0 | 348,0 | 388,0 | 428,0 | 468,0 | 508,0 | 548,0 |
| **1,10** | 40 | 101,86 | 44 | 112,05 | – | – | 131,9 | 151,9 | 191,9 | 231,9 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 |
| **1,11** | 72 | 183,35 | 80 | 203,72 | – | – | – | – | – | – | – | – | 215,8 | 255,8 | 295,8 | 335,8 |
| **1,11** | 36 | 91,67 | 40 | 101,86 | – | 127,9 | 147,9 | 167,9 | 207,9 | 247,9 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 |
| **1,12** | 34 | 86,58 | 38 | 96,77 | – | 135,9 | 155,9 | 175,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 |
| **1,13** | 80 | 203,72 | 90 | 229,18 | – | – | – | – | – | – | – | – | – | – | 259,7 | 299,7 |
| **1,13** | 64 | 162,97 | 72 | 183,35 | – | – | – | – | – | – | – | 207,8 | 247,8 | 287,8 | 327,8 | 367,9 |
| **1,13** | 32 | 81,49 | 36 | 91,67 | 103,9 | 143,9 | 163,9 | 183,9 | 223,9 | 264,0 | 304,0 | 344,0 | 384,0 | 424,0 | 464,0 | 504,0 |
| **1,13** | 30 | 76,39 | 34 | 86,58 | 111,9 | 151,9 | 171,9 | 191,9 | 231,9 | 272,0 | 312,0 | 352,0 | 392,0 | 432,0 | 472,0 | 512,0 |
| **1,14** | 56 | 142,60 | 64 | 162,97 | – | – | – | – | – | – | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 |
| **1,14** | 28 | 71,30 | 32 | 81,49 | 119,9 | 159,9 | 179,9 | 199,9 | 239,9 | 280,0 | 320,0 | 360,0 | 400,0 | 440,0 | 480,0 | 520,0 |
| **1,15** | 26 | 66,21 | 30 | 76,39 | 127,9 | 167,9 | 187,9 | 207,9 | 247,9 | 288,0 | 328,0 | 368,0 | 408,0 | 448,0 | 488,0 | 528,0 |
| **1,16** | 38 | 96,77 | 44 | 112,05 | – | 115,7 | 135,8 | 155,8 | 195,9 | 235,9 | 275,9 | 315,9 | 355,9 | 395,9 | 435,9 | 475,9 |
| **1,17** | 48 | 122,23 | 56 | 142,60 | – | – | – | – | 151,7 | 191,7 | 231,8 | 271,8 | 311,8 | 351,9 | 391,9 | 431,9 |
| **1,17** | 24 | 61,12 | 28 | 71,30 | 135,9 | 175,9 | 195,9 | 215,9 | 255,9 | 296,0 | 336,0 | 376,0 | 416,0 | 456,0 | 496,0 | 536,0 |
| **1,18** | 34 | 86,58 | 40 | 101,86 | – | 131,8 | 151,8 | 171,8 | 211,9 | 251,9 | 291,9 | 331,9 | 371,9 | 411,9 | 451,9 | 491,9 |
| **1,18** | 22 | 56,02 | 26 | 66,21 | 143,9 | 183,9 | 203,9 | 223,9 | 264,0 | 304,0 | 344,4 | 384,0 | 424,0 | 464,0 | 504,0 | 544,0 |
| **1,19** | 32 | 81,49 | 38 | 96,77 | 99,7 | 139,8 | 159,8 | 179,8 | 219,9 | 259,9 | 299,9 | 339,9 | 379,9 | 419,9 | 459,9 | 499,9 |
| **1,20** | 40 | 101,86 | 48 | 122,23 | – | – | 123,6 | 143,6 | 183,7 | 223,8 | 263,8 | 303,8 | 343,8 | 383,9 | 423,9 | 463,9 |
| **1,20** | 30 | 76,39 | 36 | 91,67 | 107,7 | 147,8 | 167,8 | 187,8 | 227,9 | 267,9 | 307,9 | 347,9 | 387,9 | 427,9 | 467,9 | 507,9 |
| **1,21** | 28 | 71,30 | 34 | 86,58 | 115,7 | 155,8 | 175,8 | 195,9 | 235,9 | 275,9 | 315,9 | 355,9 | 395,9 | 435,9 | 475,9 | 515,9 |
| **1,22** | 36 | 91,67 | 44 | 112,05 | – | 119,6 | 139,6 | 159,7 | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 | 439,9 | 479,9 |
| **1,23** | 26 | 66,21 | 32 | 81,49 | 123,8 | 163,8 | 183,8 | 203,9 | 243,9 | 283,9 | 323,9 | 363,9 | 403,9 | 443,9 | 483,9 | 523,9 |
| **1,25** | 72 | 183,35 | 90 | 229,18 | – | – | – | – | – | – | – | – | – | 234,9 | 275,0 | 315,2 |
| **1,25** | 64 | 162,97 | 80 | 203,72 | – | – | – | – | – | – | – | – | 231,1 | 271,2 | 311,3 | 351,4 |
| **1,25** | 32 | 81,49 | 40 | 101,86 | – | 135,6 | 155,7 | 175,7 | 215,8 | 255,8 | 295,8 | 335,8 | 375,9 | 415,9 | 455,9 | 495,9 |
| **1,25** | 24 | 61,12 | 30 | 76,39 | 131,8 | 171,8 | 191,8 | 211,9 | 251,9 | 291,9 | 331,9 | 371,9 | 411,9 | 451,9 | 491,9 | 531,9 |
| **1,26** | 38 | 96,77 | 48 | 122,23 | – | – | 127,4 | 147,4 | 187,6 | 227,6 | 267,7 | 307,7 | 347,8 | 387,8 | 427,8 | 467,8 |
| **1,27** | 44 | 112,05 | 56 | 142,60 | – | – | – | – | 159,3 | 199,4 | 239,5 | 279,6 | 319,6 | 359,7 | 399,7 | 439,7 |
| **1,27** | 30 | 76,39 | 38 | 96,77 | 103,5 | 143,6 | 163,7 | 183,7 | 223,8 | 263,8 | 303,8 | 343,8 | 383,9 | 423,9 | 463,9 | 503,9 |
| **1,27** | 22 | 56,02 | 28 | 71,30 | 139,8 | 179,8 | 199,9 | 219,9 | 259,9 | 299,9 | 339,9 | 379,9 | 419,9 | 459,9 | 499,9 | 539,9 |
| **1,29** | 56 | 142,60 | 72 | 183,35 | – | – | – | – | – | – | 182,9 | 223,1 | 263,2 | 303,3 | 343,4 | 383,5 |
| **1,29** | 34 | 86,58 | 44 | 112,05 | – | 123,3 | 143,4 | 163,5 | 203,6 | 243,7 | 283,7 | 323,8 | 363,8 | 403,8 | 443,8 | 483,8 |
| **1,29** | 28 | 71,30 | 36 | 91,67 | 111,5 | 151,7 | 171,7 | 191,7 | 231,8 | 271,8 | 311,8 | 351,9 | 391,9 | 431,9 | 471,9 | 511,9 |
| **1,31** | 26 | 66,21 | 34 | 86,58 | 119,6 | 159,7 | 179,7 | 199,7 | 239,8 | 279,8 | 319,8 | 359,9 | 399,9 | 439,9 | 479,9 | 519,9 |
| **1,33** | 48 | 122,23 | 64 | 162,97 | – | – | – | – | – | 174,8 | 215,0 | 255,2 | 295,3 | 335,4 | 375,4 | 415,5 |
| **1,33** | 36 | 91,67 | 48 | 122,23 | – | – | 131,1 | 151,2 | 191,4 | 231,5 | 271,6 | 311,6 | 351,7 | 391,7 | 431,7 | 471,8 |
| **1,33** | 30 | 76,39 | 40 | 101,86 | 99,2 | 139,4 | 159,5 | 179,5 | 219,6 | 259,7 | 299,7 | 339,8 | 379,8 | 419,8 | 459,8 | 499,8 |
| **1,33** | 24 | 61,12 | 32 | 81,49 | 127,6 | 167,7 | 187,7 | 207,8 | 247,8 | 287,8 | 327,8 | 367,9 | 407,9 | 447,9 | 487,9 | 527,9 |
| **1,36** | 28 | 71,30 | 38 | 96,77 | 107,2 | 147,4 | 167,5 | 187,6 | 227,6 | 267,7 | 307,7 | 347,8 | 387,8 | 427,8 | 467,8 | 507,8 |
| **1,36** | 22 | 56,02 | 30 | 76,39 | 135,6 | 175,7 | 195,7 | 215,8 | 255,8 | 295,8 | 335,8 | 375,9 | 415,9 | 455,9 | 495,9 | 535,9 |
| **1,38** | 32 | 81,49 | 44 | 112,05 | – | 127,1 | 147,2 | 167,3 | 207,4 | 247,5 | 287,6 | 327,6 | 367,7 | 407,7 | 447,7 | 487,8 |
| **1,38** | 26 | 66,21 | 36 | 91,67 | 115,3 | 155,5 | 175,5 | 195,6 | 235,7 | 275,7 | 315,7 | 355,8 | 395,8 | 435,8 | 475,8 | 515,8 |
| **1,40** | 80 | 203,72 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | – | – | 252,7 |
| **1,40** | 40 | 101,86 | 56 | 142,60 | – | – | – | – | 166,8 | 207,0 | 247,2 | 287,3 | 327,4 | 367,4 | 407,5 | 447,5 |
| **1,41** | 64 | 162,97 | 90 | 229,18 | – | – | – | – | – | – | – | – | 209,4 | 249,8 | 290,1 | 330,3 |
| **1,41** | 34 | 86,58 | 48 | 122,23 | – | 114,6 | 134,8 | 155,0 | 195,2 | 235,3 | 275,4 | 315,5 | 355,6 | 395,6 | 435,6 | 475,7 |
| **1,42** | 24 | 61,12 | 34 | 86,58 | 123,3 | 163,5 | 183,6 | 203,6 | 243,7 | 283,7 | 323,8 | 363,8 | 403,8 | 443,8 | 483,8 | 523,8 |
| **1,43** | 56 | 142,60 | 80 | 203,72 | – | – | – | – | – | – | – | 205,7 | 246,1 | 286,4 | 326,6 | 366,7 |
| **1,43** | 28 | 71,30 | 40 | 101,86 | 102,9 | 143,2 | 163,3 | 183,4 | 233,5 | 263,6 | 303,6 | 343,7 | 383,7 | 423,7 | 463,7 | 503,8 |
| **1,45** | 44 | 112,05 | 64 | 162,97 | – | – | – | – | – | 182,2 | 222,5 | 262,8 | 302,9 | 343,1 | 383,2 | 423,2 |
| **1,45** | 22 | 56,02 | 32 | 81,49 | 131,4 | 171,5 | 191,6 | 211,6 | 251,7 | 291,7 | 331,8 | 371,8 | 411,8 | 451,8 | 491,8 | 531,8 |
| **1,46** | 26 | 66,21 | 38 | 96,77 | 110,9 | 151,2 | 171,3 | 191,4 | 231,5 | 271,6 | 311,6 | 351,7 | 391,7 | 431,7 | 471,8 | 511,8 |
| **1,47** | 38 | 96,77 | 56 | 142,60 | – | – | – | 130,0 | 170,5 | 210,8 | 251,0 | 291,1 | 331,2 | 371,3 | 411,4 | 451,4 |
| **1,47** | 30 | 76,39 | 44 | 112,05 | – | 130,8 | 150,9 | 171,1 | 211,2 | 251,4 | 291,5 | 331,5 | 371,6 | 411,6 | 451,6 | 491,7 |

Table 4f

| Speed ratio | Driver Number of teeth | Driver Pitch diameter | Driven Number of teeth | Driven Pitch diameter | Belt length 480 | 560 | 600 | 640 | 720 | 800 | 880 | 960 | 1 040 | 1 120 | 1 200 | 1 280 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | | |
| **1,50** | 48 | 122,23 | 72 | 183,35 | – | – | – | – | – | – | 197,6 | 238,0 | 278,3 | 318,5 | 358,7 | 398,8 |
| **1,50** | 32 | 81,49 | 48 | 122,23 | – | 118,2 | 138,5 | 158,7 | 199,0 | 239,1 | 279,3 | 319,4 | 359,4 | 399,5 | 439,5 | 479,6 |
| **1,50** | 24 | 61,12 | 36 | 91,67 | 119,0 | 159,3 | 179,3 | 199,4 | 239,5 | 279,6 | 319,6 | 359,7 | 399,7 | 439,7 | 479,8 | 519,8 |
| **1,54** | 26 | 66,21 | 40 | 101,86 | 106,5 | 146,9 | 167,0 | 187,2 | 227,3 | 267,4 | 307,5 | 347,5 | 387,6 | 427,6 | 467,7 | 507,7 |
| **1,55** | 22 | 56,02 | 34 | 86,58 | 127,1 | 167,3 | 187,4 | 207,4 | 247,5 | 287,6 | 327,6 | 367,7 | 407,7 | 447,7 | 487,8 | 527,8 |
| **1,56** | 72 | 183,35 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | – | – | 267,1 |
| **1,56** | 36 | 91,67 | 56 | 142,60 | – | – | – | 133,6 | 174,1 | 214,5 | 254,7 | 294,9 | 335,0 | 375,1 | 415,2 | 455,3 |
| **1,57** | 28 | 71,30 | 44 | 112,05 | – | 134,5 | 154,7 | 174,8 | 215,0 | 255,2 | 295,3 | 335,4 | 375,4 | 415,5 | 455,5 | 495,6 |
| **1,58** | 24 | 61,12 | 38 | 96,77 | 114,6 | 155,0 | 175,1 | 195,2 | 235,3 | 275,4 | 315,5 | 355,6 | 395,6 | 435,6 | 475,7 | 515,7 |
| **1,60** | 40 | 101,86 | 64 | 162,97 | – | – | – | – | 148,9 | 189,5 | 230,0 | 270,3 | 310,5 | 350,7 | 390,8 | 430,9 |
| **1,60** | 30 | 76,39 | 48 | 122,23 | – | 121,8 | 142,1 | 162,4 | 202,7 | 242,9 | 283,1 | 323,2 | 363,3 | 403,3 | 443,4 | 483,5 |
| **1,61** | 56 | 142,60 | 90 | 229,18 | – | – | – | – | – | – | – | – | 223,8 | 264,4 | 304,9 | 345,3 |
| **1,64** | 44 | 112,05 | 72 | 183,35 | – | – | – | – | – | 164,1 | 204,9 | 245,4 | 285,8 | 326,0 | 366,3 | 406,4 |
| **1,64** | 22 | 56,02 | 36 | 91,67 | 122,7 | 163,0 | 183,1 | 203,2 | 243,3 | 283,4 | 323,5 | 363,6 | 403,6 | 443,6 | 483,7 | 523,7 |
| **1,65** | 34 | 86,58 | 56 | 142,60 | – | – | – | 137,1 | 177,8 | 218,2 | 258,5 | 298,7 | 338,8 | 379,0 | 419,1 | 459,1 |
| **1,67** | 48 | 122,23 | 80 | 203,72 | – | – | – | – | – | – | 179,4 | 220,2 | 260,8 | 301,2 | 341,6 | 381,8 |
| **1,67** | 24 | 61,12 | 40 | 101,86 | 110,1 | 150,6 | 170,8 | 190,9 | 231,1 | 271,2 | 311,3 | 351,4 | 391,5 | 431,5 | 471,6 | 511,6 |
| **1,68** | 38 | 96,77 | 64 | 162,97 | – | – | – | – | 152,4 | 193,2 | 233,7 | 274,0 | 314,3 | 354,5 | 394,6 | 434,7 |
| **1,69** | 26 | 66,21 | 44 | 112,05 | – | 138,1 | 158,3 | 178,5 | 218,8 | 259,0 | 299,1 | 339,2 | 379,3 | 419,4 | 459,4 | 499,5 |
| **1,71** | 28 | 71,30 | 48 | 122,23 | – | 125,4 | 145,8 | 166,0 | 206,4 | 246,7 | 286,9 | 327,0 | 367,1 | 407,2 | 447,3 | 487,3 |
| **1,73** | 22 | 56,02 | 38 | 96,77 | 118,2 | 158,7 | 178,8 | 199,0 | 239,1 | 279,3 | 319,4 | 359,4 | 399,5 | 439,5 | 479,6 | 519,6 |
| **1,75** | 64 | 162,97 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | – | 240,2 | 281,3 |
| **1,75** | 32 | 81,49 | 56 | 142,60 | – | – | – | 140,7 | 181,4 | 221,9 | 262,2 | 302,5 | 342,6 | 382,8 | 422,9 | 463,0 |
| **1,78** | 36 | 91,67 | 64 | 162,97 | – | – | – | – | 155,9 | 196,8 | 237,3 | 277,7 | 318,0 | 358,2 | 398,4 | 438,6 |
| **1,80** | 80 | 203,72 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **1,80** | 40 | 101,86 | 72 | 183,35 | – | – | – | – | – | 171,1 | 212,1 | 252,7 | 293,2 | 333,5 | 373,8 | 414,0 |
| **1,82** | 44 | 112,05 | 80 | 203,72 | – | – | – | – | – | – | 186,3 | 227,4 | 268,1 | 308,6 | 349,0 | 389,3 |
| **1,82** | 22 | 56,02 | 40 | 101,86 | 113,7 | 154,3 | 174,5 | 194,6 | 234,9 | 275,0 | 315,2 | 355,3 | 395,3 | 435,4 | 475,4 | 515,5 |
| **1,83** | 24 | 61,12 | 44 | 112,05 | 100,8 | 141,7 | 162,0 | 182,2 | 222,5 | 262,8 | 302,9 | 343,1 | 383,2 | 423,2 | 463,3 | 503,4 |
| **1,85** | 26 | 66,21 | 48 | 122,23 | – | 128,9 | 149,4 | 169,7 | 210,1 | 250,4 | 290,6 | 330,8 | 370,9 | 411,0 | 451,1 | 491,2 |
| **1,87** | 30 | 76,39 | 56 | 142,60 | – | – | 123,5 | 144,2 | 185,0 | 225,6 | 265,9 | 306,2 | 346,4 | 386,6 | 426,7 | 466,8 |
| **1,88** | 48 | 122,23 | 90 | 229,18 | – | – | – | – | – | – | – | 196,7 | 238,0 | 278,9 | 319,5 | 360,0 |
| **1,88** | 34 | 86,58 | 64 | 162,97 | – | – | – | – | 159,4 | 200,3 | 241,0 | 281,4 | 321,7 | 362,0 | 402,2 | 442,3 |
| **1,89** | 38 | 96,77 | 72 | 183,35 | – | – | – | – | – | 174,6 | 215,6 | 256,3 | 296,8 | 337,2 | 377,5 | 417,8 |
| **2,00** | 72 | 183,35 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **2,00** | 56 | 142,60 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | – | 253,9 | 295,4 |
| **2,00** | 40 | 101,86 | 80 | 203,72 | – | – | – | – | – | – | 193,2 | 234,4 | 275,3 | 315,9 | 356,4 | 396,7 |
| **2,00** | 36 | 91,67 | 72 | 183,35 | – | – | – | – | – | 178,1 | 219,2 | 259,9 | 300,5 | 340,9 | 381,2 | 421,5 |
| **2,00** | 32 | 81,49 | 64 | 162,97 | – | – | – | – | 152,9 | 203,9 | 244,6 | 285,1 | 325,4 | 365,7 | 406,0 | 446,1 |
| **2,00** | 28 | 71,30 | 56 | 142,60 | – | – | 127,0 | 147,7 | 188,6 | 229,2 | 269,6 | 309,9 | 350,2 | 390,4 | 430,5 | 470,6 |
| **2,00** | 24 | 61,12 | 48 | 122,23 | – | 132,5 | 152,9 | 173,3 | 213,8 | 254,2 | 294,4 | 334,6 | 374,8 | 414,9 | 455,0 | 495,1 |
| **2,00** | 22 | 56,02 | 44 | 112,05 | 104,2 | 145,3 | 165,6 | 185,9 | 226,3 | 266,5 | 306,7 | 346,9 | 387,0 | 427,1 | 467,2 | 507,2 |
| **2,05** | 44 | 112,05 | 90 | 229,18 | – | – | – | – | – | – | – | 203,5 | 245,0 | 286,0 | 326,7 | 367,3 |
| **2,11** | 38 | 96,77 | 80 | 203,72 | – | – | – | – | – | – | 196,7 | 238,0 | 278,9 | 319,5 | 360,0 | 400,4 |
| **2,12** | 34 | 86,58 | 72 | 183,35 | – | – | – | – | – | 181,5 | 222,7 | 263,5 | 304,1 | 344,6 | 385,0 | 425,2 |
| **2,13** | 30 | 76,39 | 64 | 162,97 | – | – | – | – | 166,3 | 207,5 | 248,2 | 288,7 | 329,1 | 369,5 | 409,7 | 449,9 |
| **2,15** | 26 | 66,21 | 56 | 142,60 | – | – | 130,4 | 151,1 | 192,2 | 232,9 | 273,3 | 313,7 | 353,9 | 394,1 | 434,3 | 474,5 |
| **2,18** | 22 | 56,02 | 48 | 122,23 | – | 135,9 | 156,5 | 176,9 | 217,5 | 257,9 | 298,2 | 338,4 | 378,6 | 418,7 | 458,8 | 498,9 |
| **2,22** | 36 | 91,67 | 80 | 203,72 | – | – | – | – | – | 158,0 | 200,1 | 241,5 | 282,4 | 323,1 | 363,7 | 404,1 |
| **2,25** | 64 | 162,97 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **2,25** | 40 | 101,86 | 90 | 229,18 | – | – | – | – | – | – | – | 210,3 | 251,9 | 293,1 | 333,9 | 374,6 |
| **2,25** | 32 | 81,49 | 72 | 183,35 | – | – | – | – | 142,8 | 184,9 | 226,2 | 267,1 | 307,8 | 348,3 | 388,7 | 429,0 |
| **2,29** | 28 | 71,30 | 64 | 162,97 | – | – | – | 127,7 | 169,8 | 211,0 | 251,8 | 292,4 | 332,8 | 373,2 | 413,5 | 453,7 |
| **2,33** | 48 | 122,23 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | 225,1 | 267,5 | 309,2 |
| **2,33** | 24 | 61,12 | 56 | 142,60 | – | 112,5 | 133,7 | 154,6 | 195,7 | 236,5 | 277,0 | 317,4 | 357,7 | 397,9 | 438,1 | 478,3 |
| **2,35** | 34 | 86,58 | 80 | 203,72 | – | – | – | – | – | 161,2 | 203,5 | 245,0 | 286,0 | 326,7 | 367,3 | 407,8 |
| **2,37** | 38 | 96,77 | 90 | 229,18 | – | – | – | – | – | – | 171,0 | 213,7 | 255,4 | 296,6 | 337,5 | 378,2 |
| **2,40** | 80 | 203,72 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **2,40** | 30 | 76,39 | 72 | 183,35 | – | – | – | – | 146,1 | 188,4 | 229,7 | 270,7 | 311,4 | 351,9 | 392,4 | 432,7 |
| **2,46** | 26 | 66,21 | 64 | 162,97 | – | – | – | 131,0 | 173,2 | 214,5 | 255,4 | 296,0 | 336,5 | 376,9 | 417,2 | 457,4 |
| **2,50** | 36 | 91,67 | 90 | 229,18 | – | – | – | – | – | – | 174,3 | 217,0 | 258,8 | 300,1 | 341,0 | 381,8 |
| **2,50** | 32 | 81,49 | 80 | 203,72 | – | – | – | – | – | 164,5 | 206,9 | 248,4 | 289,5 | 330,3 | 371,0 | 411,5 |
| **2,55** | 44 | 112,05 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | 231,6 | 274,2 | 316,1 |
| **2,55** | 22 | 56,02 | 56 | 142,60 | – | 115,8 | 137,1 | 158,0 | 199,3 | 240,1 | 280,7 | 321,1 | 361,4 | 401,7 | 441,9 | 482,1 |
| **2,57** | 56 | 142,60 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **2,57** | 28 | 71,30 | 72 | 183,35 | – | – | – | – | 149,4 | 191,8 | 233,2 | 274,3 | 315,0 | 355,6 | 396,0 | 436,4 |
| **2,65** | 34 | 86,58 | 90 | 229,18 | – | – | – | – | – | – | 177,5 | 220,4 | 262,2 | 303,6 | 344,6 | 385,4 |
| **2,67** | 72 | 183,35 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **2,67** | 30 | 76,39 | 80 | 203,72 | – | – | – | – | – | 167,8 | 210,3 | 251,9 | 293,1 | 333,9 | 374,6 | 415,1 |
| **2,67** | 24 | 61,12 | 64 | 162,97 | – | – | – | 134,2 | 176,6 | 218,0 | 259,0 | 299,7 | 340,2 | 380,6 | 420,9 | 461,2 |
| **2,77** | 26 | 66,21 | 72 | 183,35 | – | – | – | – | 152,6 | 195,1 | 236,7 | 277,8 | 318,6 | 359,2 | 399,7 | 440,1 |
| **2,80** | 40 | 101,86 | 112 | 285,21 | – | – | – | – | – | – | – | – | – | 238,1 | 280,9 | 322,9 |
| **2,81** | 32 | 81,49 | 90 | 229,18 | – | – | – | – | – | – | 180,7 | 223,7 | 265,7 | 307,1 | 348,1 | 389,0 |
| **2,86** | 28 | 71,30 | 80 | 203,72 | – | – | – | – | – | 171,0 | 213,7 | 255,4 | 296,6 | 337,5 | 378,2 | 418,8 |
| **2,91** | 22 | 56,02 | 64 | 162,97 | – | – | – | 137,5 | 180,0 | 221,5 | 262,5 | 303,3 | 343,8 | 384,3 | 424,6 | 464,9 |
| **2,95** | 38 | 96,77 | 112 | 285,21 | – | – | – | – | – | – | – | – | 197,0 | 241,4 | 284,2 | 326,3 |
| **3,00** | 64 | 162,97 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **3,00** | 48 | 122,23 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **3,00** | 30 | 76,39 | 90 | 229,18 | – | – | – | – | – | – | 183,9 | 227,0 | 269,1 | 310,6 | 351,7 | 392,5 |
| **3,00** | 24 | 61,12 | 72 | 183,35 | – | – | – | – | 155,9 | 198,5 | 240,2 | 281,3 | 322,2 | 362,8 | 403,4 | 443,8 |

# Centre distances
## Section 8M

**Table 4g**

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 480 | 560 | 600 | 640 | 720 | 800 | 880 | 960 | 1 040 | 1 120 | 1 200 | 1 280 |
| – | | mm | | mm | mm | | | | | | | | | | | |
| **3,08** | 26 | 66,21 | 80 | 203,72 | – | – | – | – | – | 174,3 | 217,0 | 258,8 | 300,1 | 341,0 | 381,8 | 422,4 |
| **3,11** | 36 | 91,67 | 112 | 285,21 | – | – | – | – | – | – | – | – | 200,1 | 244,6 | 287,6 | 329,7 |
| **3,21** | 28 | 71,3 | 90 | 229,18 | – | – | – | – | – | – | 187,1 | 230,3 | 272,5 | 314,0 | 355,2 | 396,1 |
| **3,27** | 44 | 112,05 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **3,27** | 22 | 56,02 | 72 | 183,35 | – | – | – | – | 159,1 | 201,9 | 243,6 | 284,9 | 325,8 | 366,5 | 407,0 | 447,5 |
| **3,29** | 34 | 86,58 | 112 | 285,21 | – | – | – | – | – | – | – | – | 203,2 | 247,8 | 290,9 | 333,1 |
| **3,33** | 24 | 61,12 | 80 | 203,72 | – | – | – | – | – | 177,5 | 220,4 | 262,2 | 303,6 | 344,6 | 385,4 | 426,0 |
| **3,43** | 56 | 142,6 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **3,46** | 26 | 66,21 | 90 | 229,18 | – | – | – | – | – | – | 190,3 | 233,6 | 275,9 | 317,5 | 358,7 | 399,7 |
| **3,50** | 32 | 81,49 | 112 | 285,21 | – | – | – | – | – | – | – | – | 206,3 | 251,0 | 294,2 | 336,5 |
| **3,60** | 40 | 101,86 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | – |
| **3,64** | 22 | 56,02 | 80 | 203,72 | – | – | – | – | – | 180,7 | 223,7 | 265,7 | 307,1 | 348,1 | 389,0 | 429,6 |
| **3,73** | 30 | 76,39 | 112 | 285,21 | – | – | – | – | – | – | – | – | 209,4 | 254,2 | 297,5 | 339,8 |
| **3,75** | 24 | 61,12 | 90 | 229,18 | – | – | – | – | – | – | 193,4 | 236,9 | 279,3 | 320,9 | 362,2 | 403,2 |
| **3,79** | 38 | 96,77 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 236,3 |
| **4,00** | 48 | 122,23 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **4,00** | 36 | 91,67 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 239,3 |
| **4,00** | 28 | 71,3 | 112 | 285,21 | – | – | – | – | – | – | – | – | 212,5 | 257,4 | 300,8 | 343,2 |
| **4,09** | 22 | 56,02 | 90 | 229,18 | – | – | – | – | – | 150,3 | 196,6 | 240,2 | 282,6 | 324,4 | 365,7 | 406,8 |
| **4,24** | 34 | 86,58 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 242,3 |
| **4,31** | 26 | 66,21 | 112 | 285,21 | – | – | – | – | – | – | – | – | 215,5 | 260,6 | 304,1 | 346,6 |
| **4,36** | 44 | 112,05 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **4,50** | 32 | 81,49 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 245,2 |
| **4,67** | 24 | 61,12 | 112 | 285,21 | – | – | – | – | – | – | – | – | 218,6 | 263,8 | 307,3 | 349,9 |
| **4,80** | 40 | 101,86 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **4,80** | 30 | 76,39 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 248,2 |
| **5,05** | 38 | 96,77 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **5,09** | 22 | 56,02 | 112 | 285,21 | – | – | – | – | – | – | – | – | 221,7 | 267,0 | 310,6 | 353,2 |
| **5,14** | 28 | 71,30 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 251,2 |
| **5,33** | 36 | 91,67 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **5,54** | 26 | 66,21 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 254,1 |
| **5,65** | 34 | 86,58 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **6,00** | 32 | 81,49 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **6,00** | 24 | 61,12 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 257,1 |
| **6,40** | 30 | 76,39 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **6,55** | 22 | 56,02 | 144 | 366,69 | – | – | – | – | – | – | – | – | – | – | – | 261,0 |
| **6,86** | 28 | 71,30 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **7,38** | 26 | 66,21 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **8,00** | 24 | 61,12 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |
| **8,73** | 22 | 56,02 | 192 | 488,92 | – | – | – | – | – | – | – | – | – | – | – | – |

Table 4h

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 1 440 | 1 600 | 1 760 | 1 800 | 2 000 | 2 400 | 2 600 | 2 800 | 3 048 | 3 280 | 3 600 | 4 400 |
| – | | mm | | mm | mm | | | | | | | | | | | |
| **1,00** | 80 | 203,72 | 80 | 203,72 | 400,0 | 480,0 | 560,0 | 580,0 | 680,0 | 880,0 | 980,0 | 1 080,0 | 1 204,0 | 1 320,0 | 1 480,0 | 1 880,0 |
| **1,00** | 72 | 183,35 | 72 | 183,35 | 432,0 | 512,0 | 592,0 | 612,0 | 712,0 | 912,0 | 1 012,0 | 1 112,0 | 1 236,0 | 1 352,0 | 1 512,0 | 1 912,0 |
| **1,00** | 64 | 162,97 | 64 | 162,97 | 464,0 | 544,0 | 624,0 | 644,0 | 744,0 | 944,0 | 1 044,0 | 1 144,0 | 1 268,0 | 1 384,0 | 1 544,0 | 1 944,0 |
| **1,00** | 56 | 142,60 | 56 | 142,60 | 496,0 | 576,0 | 656,0 | 676,0 | 776,0 | 976,0 | 1 076,0 | 1 176,0 | 1 300,0 | 1 416,0 | 1 576,0 | 1 976,0 |
| **1,00** | 48 | 122,23 | 48 | 122,23 | 528,0 | 608,0 | 688,0 | 708,0 | 808,0 | 1 008,0 | 1 108,0 | 1 208,0 | 1 332,0 | 1 448,0 | 1 608,0 | 2 008,0 |
| **1,00** | 44 | 112,05 | 44 | 112,05 | 544,0 | 624,0 | 704,0 | 724,0 | 824,0 | 1 024,0 | 1 124,0 | 1 224,0 | 1 348,0 | 1 464,0 | 1 624,0 | 2 024,0 |
| **1,00** | 40 | 101,86 | 40 | 101,86 | 560,0 | 640,0 | 720,0 | 740,0 | 840,0 | 1 040,0 | 1 140,0 | 1 240,0 | 1 364,0 | 1 480,0 | 1 640,0 | 2 040,0 |
| **1,00** | 38 | 96,77 | 38 | 96,77 | 568,0 | 648,0 | 728,0 | 748,0 | 848,0 | 1 048,0 | 1 148,0 | 1 248,0 | 1 372,0 | 1 488,0 | 1 648,0 | 2 048,0 |
| **1,00** | 36 | 91,67 | 36 | 91,67 | 576,0 | 656,0 | 736,0 | 756,0 | 856,0 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| **1,00** | 34 | 86,58 | 34 | 86,58 | 584,0 | 664,0 | 744,0 | 764,0 | 864,0 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| **1,00** | 32 | 81,49 | 32 | 81,49 | 592,0 | 672,0 | 752,0 | 772,0 | 872,0 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| **1,00** | 30 | 76,39 | 30 | 76,39 | 600,0 | 680,0 | 760,0 | 780,0 | 880,0 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| **1,00** | 28 | 71,30 | 28 | 71,30 | 608,0 | 688,0 | 768,0 | 788,0 | 888,0 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,0 |
| **1,00** | 26 | 66,21 | 26 | 66,21 | 616,0 | 696,0 | 776,0 | 796,0 | 896,0 | 1 096,0 | 1 196,0 | 1 296,0 | 1 420,0 | 1 536,0 | 1 696,0 | 2 096,0 |
| **1,00** | 24 | 61,12 | 24 | 61,12 | 624,0 | 704,0 | 784,0 | 804,0 | 904,0 | 1 104,0 | 1 204,0 | 1 304,0 | 1 428,0 | 1 544,0 | 1 704,0 | 2 104,0 |
| **1,00** | 22 | 56,02 | 22 | 56,02 | 632,0 | 712,0 | 792,0 | 812,0 | 912,0 | 1 112,0 | 1 212,0 | 1 312,0 | 1 436,0 | 1 552,0 | 1 712,0 | 2 112,0 |
| **1,05** | 38 | 96,77 | 40 | 101,86 | 564,0 | 644,0 | 724,0 | 744,0 | 844,0 | 1 044,0 | 1 144,0 | 1 244,0 | 1 368,0 | 1 484,0 | 1 644,0 | 2 044,0 |
| **1,06** | 36 | 91,67 | 38 | 96,77 | 572,0 | 652,0 | 732,0 | 752,0 | 852,0 | 1 052,0 | 1 152,0 | 1 252,0 | 1 376,0 | 1 492,0 | 1 652,0 | 2 052,0 |
| **1,06** | 34 | 86,58 | 36 | 91,67 | 580,0 | 660,0 | 740,0 | 760,0 | 860,0 | 1 060,0 | 1 160,0 | 1 260,0 | 1 384,0 | 1 500,0 | 1 660,0 | 2 060,0 |
| **1,06** | 32 | 81,49 | 34 | 86,58 | 588,0 | 668,0 | 748,0 | 768,0 | 868,0 | 1 068,0 | 1 168,0 | 1 268,0 | 1 392,0 | 1 508,0 | 1 668,0 | 2 068,0 |
| **1,07** | 30 | 76,39 | 32 | 81,49 | 596,0 | 676,0 | 756,0 | 776,0 | 876,0 | 1 076,0 | 1 176,0 | 1 276,0 | 1 400,0 | 1 516,0 | 1 676,0 | 2 076,0 |
| **1,07** | 28 | 71,30 | 30 | 76,39 | 604,0 | 684,0 | 764,0 | 784,0 | 884,0 | 1 084,0 | 1 184,0 | 1 284,0 | 1 408,0 | 1 524,0 | 1 684,0 | 2 084,0 |
| **1,08** | 26 | 66,21 | 28 | 71,30 | 612,0 | 692,0 | 772,0 | 792,0 | 892,0 | 1 092,0 | 1 192,0 | 1 292,0 | 1 416,0 | 1 532,0 | 1 692,0 | 209,2 |
| **1,08** | 24 | 61,12 | 26 | 66,21 | 620,0 | 700,0 | 780,0 | 800,0 | 900,0 | 1 100,0 | 1 200,0 | 1 300,0 | 1 424,0 | 1 540,0 | 1 700,0 | 2 100,0 |
| **1,09** | 44 | 112,05 | 48 | 122,23 | 536,0 | 616,0 | 696,0 | 716,0 | 816,0 | 1 016,0 | 1 116,0 | 1 216,0 | 1 340,0 | 1 456,0 | 1 616,0 | 2 016,1 |
| **1,09** | 22 | 56,02 | 24 | 61,12 | 628,0 | 708,0 | 788,0 | 808,0 | 908,0 | 1 108,0 | 1 208,0 | 1 308,0 | 1 432,0 | 1 548,0 | 1 708,0 | 2 108,0 |
| **1,10** | 40 | 101,86 | 44 | 112,05 | 552,0 | 632,0 | 712,0 | 732,0 | 832,0 | 1 032,0 | 1 132,0 | 1 232,0 | 1 356,0 | 1 472,0 | 1 632,0 | 2 032,1 |
| **1,11** | 72 | 183,35 | 80 | 203,72 | 415,9 | 495,9 | 575,9 | 595,9 | 695,9 | 895,9 | 996,0 | 1 096,0 | 1 220,0 | 1 336,0 | 1 496,0 | 1 896,0 |
| **1,11** | 36 | 91,67 | 40 | 101,86 | 568,0 | 648,0 | 728,0 | 748,0 | 848,0 | 1 048,0 | 1 148,0 | 1 248,0 | 1 372,0 | 1 488,0 | 1 648,0 | 2 048,0 |
| **1,12** | 34 | 86,58 | 38 | 96,77 | 576,0 | 656,0 | 736,0 | 756,0 | 856,0 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| **1,13** | 80 | 203,72 | 90 | 229,18 | 379,8 | 459,8 | 539,9 | 559,9 | 659,9 | 859,9 | 959,9 | 1 059,9 | 1 183,9 | 1 299,9 | 1 460,0 | 1 860,0 |
| **1,13** | 64 | 162,97 | 72 | 183,35 | 447,9 | 527,9 | 607,9 | 627,9 | 727,9 | 928,0 | 1 028,0 | 1 128,0 | 1 252,0 | 1 368,0 | 1 528,0 | 1 928,0 |
| **1,13** | 32 | 81,49 | 36 | 91,67 | 584,0 | 664,0 | 744,0 | 764,0 | 864,0 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| **1,13** | 30 | 76,39 | 34 | 86,58 | 592,0 | 672,0 | 752,0 | 772,0 | 872,0 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| **1,14** | 56 | 142,60 | 64 | 162,97 | 479,9 | 559,9 | 639,9 | 659,9 | 759,9 | 959,9 | 1 060,0 | 1 160,0 | 1 284,0 | 1 400,0 | 1 560,0 | 1 960,0 |
| **1,14** | 28 | 71,30 | 32 | 81,49 | 600,0 | 680,0 | 760,0 | 780,0 | 880,0 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| **1,15** | 26 | 66,21 | 30 | 76,39 | 608,0 | 688,0 | 768,0 | 788,0 | 888,0 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,1 |
| **1,16** | 38 | 96,77 | 44 | 112,05 | 555,9 | 636,0 | 716,0 | 736,0 | 836,0 | 1 036,0 | 1 136,0 | 1 236,0 | 1 360,0 | 1 476,0 | 1 636,0 | 2 036,0 |
| **1,17** | 48 | 122,23 | 56 | 142,60 | 511,9 | 591,9 | 671,9 | 691,9 | 791,9 | 992,0 | 1 092,0 | 1 192,0 | 1 316,0 | 1 432,0 | 1 592,0 | 1 992,0 |
| **1,17** | 24 | 61,12 | 28 | 71,30 | 616,0 | 696,0 | 776,0 | 796,0 | 896,0 | 1 096,0 | 1 196,0 | 1 296,0 | 1 420,0 | 1 536,0 | 1 696,0 | 2 096,0 |
| **1,18** | 34 | 86,58 | 40 | 101,86 | 572,0 | 652,0 | 732,0 | 752,0 | 852,0 | 1 052,0 | 1 152,0 | 1 252,0 | 1 376,0 | 1 492,0 | 1 652,0 | 2 052,0 |
| **1,18** | 22 | 56,02 | 26 | 66,21 | 624,0 | 704,0 | 784,0 | 804,0 | 904,0 | 1 104,0 | 1 204,0 | 1 304,0 | 1 428,0 | 1 544,0 | 1 704,0 | 2 104,0 |
| **1,19** | 32 | 81,49 | 38 | 96,77 | 580,0 | 660,0 | 740,0 | 760,0 | 860,0 | 1 060,0 | 1 160,0 | 1 260,0 | 1 384,0 | 1 500,0 | 1 660,0 | 2 060,0 |
| **1,20** | 40 | 101,86 | 48 | 122,23 | 543,9 | 623,9 | 703,9 | 723,9 | 823,9 | 1 024,0 | 1 124,0 | 1 224,0 | 1 348,0 | 1 464,0 | 1 624,0 | 2 024,0 |
| **1,20** | 30 | 76,39 | 36 | 91,67 | 588,0 | 668,0 | 748,0 | 768,0 | 868,0 | 1 068,0 | 1 168,0 | 1 268,0 | 1 392,0 | 1 508,0 | 1 668,0 | 2 068,0 |
| **1,21** | 28 | 71,30 | 34 | 86,58 | 596,0 | 676,0 | 756,0 | 776,0 | 876,0 | 1 076,0 | 1 176,0 | 1 276,0 | 1 400,0 | 1 516,0 | 1 676,0 | 2 076,0 |
| **1,22** | 36 | 91,67 | 44 | 112,05 | 559,9 | 639,9 | 719,9 | 739,9 | 839,9 | 1 040,0 | 1 140,0 | 1 240,0 | 1 364,0 | 1 480,0 | 1 640,0 | 2 040,0 |
| **1,23** | 26 | 66,21 | 32 | 81,49 | 604,0 | 684,0 | 764,0 | 784,0 | 884,0 | 1 084,0 | 1 184,0 | 1 284,0 | 1 408,0 | 1 524,0 | 1 684,0 | 2 084,0 |
| **1,25** | 72 | 183,35 | 90 | 229,18 | 395,3 | 475,4 | 555,5 | 575,5 | 675,6 | 875,7 | 975,7 | 1 075,8 | 1 199,8 | 1 315,8 | 1 475,8 | 1 875,9 |
| **1,25** | 64 | 162,97 | 80 | 203,72 | 431,5 | 511,6 | 591,7 | 611,7 | 711,7 | 911,8 | 1 011,8 | 1 111,8 | 1 235,8 | 1 351,8 | 1 511,9 | 1 911,9 |
| **1,25** | 32 | 81,49 | 40 | 101,86 | 575,9 | 655,9 | 735,9 | 755,9 | 855,9 | 1 056,0 | 1 156,0 | 1 256,0 | 1 380,0 | 1 496,0 | 1 656,0 | 2 056,0 |
| **1,25** | 24 | 61,12 | 30 | 76,39 | 612,0 | 692,0 | 772,0 | 792,0 | 892,0 | 1 092,0 | 1 192,0 | 1 292,0 | 1 416,0 | 1 532,0 | 1 692,0 | 2 092,0 |
| **1,26** | 38 | 96,77 | 48 | 122,23 | 547,9 | 627,9 | 707,9 | 727,9 | 827,9 | 1 027,9 | 1 127,9 | 1 227,9 | 1 351,9 | 1 467,9 | 1 628,0 | 2 028,0 |
| **1,27** | 44 | 112,05 | 56 | 142,60 | 519,8 | 599,8 | 679,8 | 699,8 | 799,9 | 999,9 | 1 099,9 | 1 199,9 | 1 323,9 | 1 439,9 | 1 599,9 | 2 000,0 |
| **1,27** | 30 | 76,39 | 38 | 96,77 | 583,9 | 663,9 | 743,9 | 763,9 | 863,9 | 1 064,0 | 1 164,0 | 1 264,0 | 1 388,0 | 1 504,0 | 1 664,0 | 2 064,0 |
| **1,27** | 22 | 56,02 | 28 | 71,30 | 620,0 | 700,0 | 780,0 | 800,0 | 900,0 | 1 100,0 | 1 200,0 | 1 300,0 | 1 424,0 | 1 540,0 | 1 700,0 | 2 100,0 |
| **1,29** | 56 | 142,60 | 72 | 183,35 | 463,6 | 543,6 | 623,7 | 643,7 | 743,7 | 943,8 | 1 043,8 | 1 143,8 | 1 267,8 | 1 383,9 | 1 543,9 | 1 943,9 |
| **1,29** | 34 | 86,58 | 44 | 112,05 | 563,9 | 643,9 | 723,9 | 743,9 | 843,9 | 1 043,9 | 1 143,9 | 1 243,9 | 1 367,9 | 1 483,9 | 1 644,0 | 2 044,0 |
| **1,29** | 28 | 71,30 | 36 | 91,67 | 591,9 | 671,9 | 751,9 | 771,9 | 871,9 | 1 072,0 | 1 172,0 | 1 272,0 | 1 396,0 | 1 512,0 | 1 672,0 | 2 072,0 |
| **1,31** | 26 | 66,21 | 34 | 86,58 | 599,9 | 679,9 | 759,9 | 779,9 | 879,9 | 1 080,0 | 1 180,0 | 1 280,0 | 1 404,0 | 1 520,0 | 1 680,0 | 2 080,0 |
| **1,33** | 48 | 122,23 | 64 | 162,97 | 495,6 | 575,6 | 655,7 | 675,7 | 775,7 | 975,8 | 1 075,8 | 1 175,8 | 1 299,8 | 1 415,9 | 1 575,9 | 1 975,9 |
| **1,33** | 36 | 91,67 | 48 | 122,23 | 551,8 | 631,8 | 711,8 | 731,8 | 831,9 | 1 031,9 | 1 131,9 | 1 231,9 | 1 355,9 | 1 471,9 | 1 631,9 | 2 031,9 |
| **1,33** | 30 | 76,39 | 40 | 101,86 | 579,9 | 659,9 | 739,9 | 759,9 | 859,9 | 1 059,9 | 1 159,9 | 1 259,9 | 1 383,9 | 1 500,0 | 1 660,0 | 2 060,0 |
| **1,33** | 24 | 61,12 | 32 | 81,49 | 607,9 | 687,9 | 767,9 | 787,9 | 887,9 | 1 088,0 | 1 188,0 | 1 288,0 | 1 412,0 | 1 528,0 | 1 688,0 | 2 088,0 |
| **1,36** | 28 | 71,30 | 38 | 96,77 | 587,9 | 667,9 | 747,9 | 767,9 | 867,9 | 1 067,9 | 1 167,9 | 1 267,9 | 1 391,9 | 1 508,0 | 1 668,0 | 2 068,0 |
| **1,36** | 22 | 56,02 | 30 | 76,39 | 615,9 | 695,9 | 775,9 | 795,9 | 895,9 | 1 096,0 | 1 196,0 | 1 296,0 | 1 420,0 | 1 536,0 | 1 696,0 | 2 096,0 |
| **1,38** | 32 | 81,49 | 44 | 112,05 | 567,8 | 647,8 | 727,8 | 747,8 | 847,9 | 1 047,9 | 1 147,9 | 1 247,9 | 1 371,9 | 1 487,9 | 1 647,9 | 2 048,0 |
| **1,38** | 26 | 66,21 | 36 | 91,67 | 595,9 | 675,9 | 755,9 | 775,9 | 875,9 | 1 075,9 | 1 175,9 | 1 275,9 | 1 400,0 | 1 516,0 | 1 676,0 | 2 076,0 |
| **1,40** | 80 | 203,72 | 112 | 285,21 | 333,5 | 414,0 | 494,3 | 514,4 | 614,6 | 815,0 | 915,1 | 1 015,2 | 1 139,3 | 1 255,3 | 1 415,4 | 1 815,5 |
| **1,40** | 40 | 101,86 | 56 | 142,60 | 527,6 | 607,7 | 687,7 | 707,7 | 807,7 | 1 007,8 | 1 107,8 | 1 207,8 | 1 331,8 | 1 447,9 | 1 607,9 | 2 007,9 |
| **1,41** | 64 | 162,97 | 90 | 229,18 | 410,7 | 490,9 | 571,0 | 591,1 | 691,2 | 891,4 | 991,4 | 1 091,5 | 1 215,6 | 1 331,6 | 1 491,6 | 1 891,7 |
| **1,41** | 34 | 86,58 | 48 | 122,23 | 555,7 | 635,8 | 715,8 | 735,8 | 835,8 | 1 035,8 | 1 135,9 | 1 235,9 | 1 359,9 | 1 475,9 | 1 635,9 | 2 035,9 |
| **1,42** | 24 | 61,12 | 34 | 86,58 | 603,9 | 683,9 | 763,9 | 783,9 | 883,9 | 1 083,9 | 1 183,9 | 1 283,9 | 1 408,0 | 1 524,0 | 1 684,0 | 2 084,0 |
| **1,43** | 56 | 142,60 | 80 | 203,72 | 447,0 | 527,1 | 607,2 | 627,3 | 727,4 | 927,5 | 1 027,5 | 1 127,6 | 1 251,6 | 1 367,7 | 1 527,7 | 1 927,8 |
| **1,43** | 28 | 71,30 | 40 | 101,86 | 583,8 | 663,8 | 743,8 | 763,8 | 863,9 | 1 063,9 | 1 163,9 | 1 263,9 | 1 387,9 | 1 503,9 | 1 663,9 | 2 064,0 |
| **1,45** | 44 | 112,05 | 64 | 162,97 | 503,4 | 583,4 | 663,5 | 683,5 | 783,6 | 983,7 | 1 083,7 | 1 183,7 | 1 307,8 | 1 423,8 | 1 583,8 | 1 983,8 |
| **1,45** | 22 | 56,02 | 32 | 81,49 | 611,9 | 691,9 | 771,9 | 791,9 | 891,9 | 1 091,9 | 1 191,9 | 1 291,9 | 1 416,0 | 1 532,0 | 1 692,0 | 2 092,0 |
| **1,46** | 26 | 66,21 | 38 | 96,77 | 591,8 | 671,8 | 751,8 | 771,9 | 871,9 | 1 071,9 | 1 171,9 | 1 271,9 | 1 395,9 | 1 511,9 | 1 671,9 | 2 072,0 |
| **1,47** | 38 | 96,77 | 56 | 142,60 | 531,5 | 611,6 | 691,6 | 711,6 | 811,7 | 1 011,7 | 1 111,8 | 1 211,8 | 1 335,8 | 1 451,8 | 1 611,8 | 2 011,9 |
| **1,47** | 30 | 76,39 | 44 | 112,05 | 571,7 | 651,8 | 731,8 | 751,8 | 851,8 | 1 051,9 | 1 151,9 | 1 251,9 | 1 375,9 | 1 491,9 | 1 651,9 | 2 051,9 |

Table 4i

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 1 440 | 1 600 | 1 760 | 1 800 | 2 000 | 2 400 | 2 600 | 2 800 | 3 048 | 3 280 | 3 600 | 4 400 |
| – | | mm | | mm | mm | | | | | | | | | | | |
| **1,50** | 48 | 122,23 | 72 | 183,35 | 479,0 | 559,2 | 639,3 | 659,3 | 759,4 | 959,5 | 1 059,6 | 1 159,6 | 1 283,6 | 1 399,7 | 1 559,7 | 1 959,8 |
| **1,50** | 32 | 81,49 | 48 | 122,23 | 559,6 | 639,7 | 719,7 | 739,7 | 839,8 | 1 039,8 | 1 139,8 | 1 239,8 | 1 363,9 | 1 479,9 | 1 639,9 | 2 039,9 |
| **1,50** | 24 | 61,12 | 36 | 91,67 | 599,8 | 679,8 | 759,8 | 779,9 | 879,9 | 1 079,9 | 1 179,9 | 1 279,9 | 1 403,9 | 1 519,9 | 1 679,9 | 2 080,0 |
| **1,54** | 26 | 66,21 | 40 | 101,86 | 587,7 | 667,8 | 747,8 | 767,8 | 867,8 | 1 067,9 | 1 167,9 | 1 267,9 | 1 391,9 | 1 507,9 | 1 667,9 | 2 067,9 |
| **1,55** | 22 | 56,02 | 34 | 86,58 | 607,8 | 687,8 | 767,8 | 787,9 | 887,9 | 1 087,9 | 1 187,9 | 1 287,9 | 1 411,9 | 1 527,9 | 1 687,9 | 2 088,0 |
| **1,56** | 72 | 183,35 | 112 | 285,21 | 348,3 | 429,0 | 509,5 | 529,5 | 629,9 | 830,4 | 930,6 | 1 030,7 | 1 154,9 | 1 271,0 | 1 431,1 | 1 831,1 |
| **1,56** | 36 | 91,67 | 56 | 142,60 | 535,4 | 615,5 | 695,5 | 715,5 | 815,6 | 1 015,7 | 1 115,7 | 1 215,7 | 1 339,8 | 1 455,8 | 1 615,8 | 2 015,9 |
| **1,57** | 28 | 71,30 | 44 | 112,05 | 575,6 | 655,7 | 735,7 | 755,7 | 855,8 | 1 055,8 | 1 155,8 | 1 255,8 | 1 379,9 | 1 495,9 | 1 655,9 | 2 055,9 |
| **1,58** | 24 | 61,12 | 38 | 96,77 | 595,7 | 675,8 | 755,8 | 775,8 | 875,8 | 1 075,9 | 1 175,9 | 1 275,9 | 1 399,9 | 1 515,9 | 1 675,9 | 2 075,9 |
| **1,60** | 40 | 101,86 | 64 | 162,97 | 511,1 | 591,2 | 671,3 | 691,3 | 791,4 | 991,5 | 1 091,6 | 1 191,6 | 1 315,6 | 1 431,7 | 1 591,7 | 1 991,8 |
| **1,60** | 30 | 76,39 | 48 | 122,23 | 563,5 | 643,6 | 723,6 | 743,6 | 843,7 | 1 043,8 | 1 143,8 | 1 243,8 | 1 367,8 | 1 483,8 | 1 643,9 | 2 043,9 |
| **1,61** | 56 | 142,60 | 90 | 229,18 | 425,8 | 506,1 | 586,4 | 606,5 | 706,7 | 907,0 | 1 007,1 | 1 107,2 | 1 231,2 | 1 347,3 | 1 507,4 | 1 907,5 |
| **1,64** | 44 | 112,05 | 72 | 183,35 | 486,7 | 566,9 | 647,0 | 667,0 | 767,2 | 967,3 | 1 067,4 | 1 167,5 | 1 291,5 | 1 407,6 | 1 567,6 | 1 967,7 |
| **1,64** | 22 | 56,02 | 36 | 91,67 | 603,7 | 683,8 | 763,8 | 783,8 | 883,8 | 1 083,9 | 1 183,9 | 1 283,9 | 1 407,9 | 1 523,9 | 1 683,9 | 2 083,9 |
| **1,65** | 34 | 86,58 | 56 | 142,60 | 539,3 | 619,4 | 699,4 | 719,5 | 819,5 | 1 019,6 | 1 119,6 | 1 219,7 | 1 343,7 | 1 459,7 | 1 619,8 | 2 019,8 |
| **1,67** | 48 | 122,23 | 80 | 203,72 | 462,2 | 542,5 | 622,7 | 642,7 | 742,9 | 943,1 | 1 043,2 | 1 143,3 | 1 267,3 | 1 383,4 | 1 543,5 | 1 943,6 |
| **1,67** | 24 | 61,12 | 40 | 101,86 | 591,7 | 671,7 | 751,7 | 771,7 | 871,8 | 1 071,8 | 1 171,8 | 1 271,8 | 1 395,9 | 1 511,9 | 1 671,9 | 2 071,9 |
| **1,68** | 38 | 96,77 | 64 | 162,97 | 514,9 | 595,1 | 675,2 | 695,2 | 795,3 | 995,5 | 1 095,5 | 1 195,5 | 1 319,6 | 1 435,6 | 1 595,7 | 1 995,7 |
| **1,69** | 26 | 66,21 | 44 | 112,05 | 579,5 | 659,6 | 739,6 | 759,7 | 859,7 | 1 059,8 | 1 159,8 | 1 259,8 | 1 383,8 | 1 499,8 | 1 659,8 | 2 059,9 |
| **1,71** | 28 | 71,30 | 48 | 122,23 | 567,4 | 647,5 | 727,6 | 747,6 | 847,6 | 1 047,7 | 1 147,7 | 1 247,7 | 1 371,8 | 1 487,8 | 1 647,8 | 2 047,9 |
| **1,73** | 22 | 56,02 | 38 | 96,77 | 599,7 | 679,7 | 759,7 | 779,7 | 879,8 | 1 079,8 | 1 179,8 | 1 279,8 | 1 403,9 | 1 519,9 | 1 679,9 | 2 079,9 |
| **1,75** | 64 | 162,97 | 112 | 285,21 | 362,8 | 443,8 | 524,4 | 544,6 | 645,1 | 845,8 | 946,0 | 1 046,2 | 1 170,4 | 1 286,5 | 1 446,7 | 1 847,0 |
| **1,75** | 32 | 81,49 | 56 | 142,60 | 543,1 | 623,3 | 703,3 | 723,4 | 823,4 | 1 023,5 | 1 123,6 | 1 223,6 | 1 347,7 | 1 463,7 | 1 623,7 | 2 023,8 |
| **1,78** | 36 | 91,67 | 64 | 162,97 | 518,8 | 598,9 | 679,1 | 699,1 | 799,2 | 999,4 | 1 099,4 | 1 199,5 | 1 323,5 | 1 439,6 | 1 599,6 | 1 999,7 |
| **1,80** | 80 | 203,72 | 144 | 366,69 | – | 342,3 | 424,1 | 444,5 | 545,9 | 747,6 | 848,1 | 948,5 | 1 072,9 | 1 189,2 | 1 349,5 | 1 750,1 |
| **1,80** | 40 | 101,86 | 72 | 183,35 | 494,3 | 574,6 | 654,7 | 674,8 | 774,9 | 975,2 | 1 075,2 | 1 175,3 | 1 299,4 | 1 415,4 | 1 575,5 | 1 975,6 |
| **1,82** | 44 | 112,05 | 80 | 203,72 | 469,8 | 550,1 | 630,3 | 650,4 | 750,6 | 950,9 | 1 051,0 | 1 151,1 | 1 275,2 | 1 391,2 | 1 551,3 | 1 951,5 |
| **1,82** | 22 | 56,02 | 40 | 101,86 | 595,6 | 675,6 | 755,7 | 775,7 | 875,7 | 1 075,8 | 1 175,8 | 1 275,8 | 1 399,8 | 1 515,8 | 1 675,8 | 2 075,9 |
| **1,83** | 24 | 61,12 | 44 | 112,05 | 583,4 | 663,5 | 743,6 | 763,6 | 863,6 | 1 063,7 | 1 163,7 | 1 263,7 | 1 387,8 | 1 503,8 | 1 663,8 | 2 063,9 |
| **1,85** | 26 | 66,21 | 48 | 122,23 | 571,3 | 651,4 | 731,5 | 751,5 | 851,5 | 1 051,6 | 1 151,7 | 1 251,7 | 1 375,7 | 1 491,7 | 1 651,8 | 2 051,8 |
| **1,87** | 30 | 76,39 | 56 | 142,60 | 547,0 | 627,1 | 707,2 | 727,2 | 827,3 | 1 027,5 | 1 127,5 | 1 227,6 | 1 351,6 | 1 467,6 | 1 627,7 | 2 027,7 |
| **1,88** | 48 | 122,23 | 90 | 229,18 | 440,8 | 521,3 | 601,6 | 621,7 | 722,0 | 922,4 | 1 022,6 | 1 122,7 | 1 246,9 | 1 363,0 | 1 523,1 | 1 923,3 |
| **1,88** | 34 | 86,58 | 64 | 162,97 | 522,6 | 602,8 | 682,9 | 703,0 | 803,1 | 1 003,3 | 1 103,3 | 1 203,4 | 1 327,5 | 1 443,5 | 1 603,5 | 2 003,6 |
| **1,89** | 38 | 96,77 | 72 | 183,35 | 498,1 | 578,4 | 658,6 | 678,6 | 778,8 | 979,0 | 1 079,1 | 1 179,2 | 1 303,3 | 1 419,3 | 1 579,4 | 1 979,5 |
| **2,00** | 72 | 183,35 | 144 | 366,69 | – | 356,1 | 438,4 | 458,8 | 560,5 | 762,5 | 863,1 | 963,6 | 1 088,1 | 1 204,5 | 1 364,9 | 1 765,6 |
| **2,00** | 56 | 142,60 | 112 | 285,21 | 377,2 | 458,4 | 539,3 | 559,5 | 660,1 | 861,0 | 961,4 | 1 061,6 | 1 185,9 | 1 302,0 | 1 462,3 | 1 862,6 |
| **2,00** | 40 | 101,86 | 80 | 203,72 | 477,3 | 557,7 | 638,0 | 658,0 | 758,3 | 958,6 | 1 058,8 | 1 158,9 | 1 283,0 | 1 399,1 | 1 559,2 | 1 959,3 |
| **2,00** | 36 | 91,67 | 72 | 183,35 | 501,9 | 582,2 | 662,4 | 682,5 | 782,7 | 982,9 | 1 083,0 | 1 183,1 | 1 307,2 | 1 423,3 | 1 583,5 | 1 983,5 |
| **2,00** | 32 | 81,49 | 64 | 162,97 | 526,4 | 606,6 | 686,8 | 706,8 | 807,0 | 107,2 | 1 107,3 | 1 207,3 | 1 331,4 | 1 447,4 | 1 607,5 | 2 007,6 |
| **2,00** | 28 | 71,30 | 56 | 142,60 | 550,8 | 631,0 | 711,1 | 731,1 | 831,2 | 1 031,4 | 1 131,4 | 1 231,5 | 1 355,5 | 1 471,6 | 1 631,6 | 2 031,7 |
| **2,00** | 24 | 61,12 | 48 | 122,23 | 575,2 | 655,3 | 735,4 | 755,4 | 855,5 | 1 055,6 | 1 155,6 | 1 255,6 | 1 379,7 | 1 495,7 | 1 655,7 | 2 055,8 |
| **2,00** | 22 | 56,02 | 44 | 112,05 | 587,3 | 667,4 | 747,5 | 767,5 | 867,6 | 1 067,6 | 1 167,7 | 1 267,7 | 1 391,7 | 1 507,7 | 1 667,8 | 2 067,8 |
| **2,05** | 44 | 112,05 | 90 | 229,18 | 448,2 | 528,8 | 609,2 | 629,3 | 729,6 | 930,2 | 1 030,3 | 1 130,5 | 1 254,6 | 1 370,8 | 1 530,9 | 1 931,1 |
| **2,11** | 38 | 96,77 | 80 | 203,72 | 481,0 | 561,5 | 641,8 | 661,8 | 762,1 | 962,5 | 1 062,7 | 1 162,8 | 1 286,9 | 1 403,0 | 1 563,1 | 1 963,3 |
| **2,12** | 34 | 86,58 | 72 | 183,35 | 505,7 | 586,0 | 666,2 | 686,3 | 786,5 | 986,8 | 1 086,9 | 1 187,0 | 1 311,1 | 1 427,2 | 1 587,3 | 1 987,4 |
| **2,13** | 30 | 76,39 | 64 | 162,97 | 530,2 | 610,5 | 690,6 | 710,7 | 810,8 | 1 011,1 | 1 111,2 | 1 211,2 | 1 335,3 | 1 451,4 | 1 611,4 | 2 011,5 |
| **2,15** | 26 | 66,21 | 56 | 142,60 | 554,7 | 634,9 | 715,0 | 735,0 | 835,1 | 1 035,3 | 1 135,4 | 1 235,4 | 1 359,5 | 1 475,5 | 1 635,6 | 2 035,6 |
| **2,18** | 22 | 56,02 | 48 | 122,23 | 579,1 | 659,2 | 739,3 | 759,3 | 859,4 | 1 059,5 | 1 159,5 | 1 259,6 | 1 383,6 | 1 499,6 | 1 659,7 | 2 059,7 |
| **2,22** | 36 | 91,67 | 80 | 203,72 | 484,8 | 565,2 | 645,6 | 665,6 | 766,0 | 966,4 | 1 066,5 | 1 166,7 | 1 290,8 | 1 406,9 | 1 567,0 | 1 967,2 |
| **2,25** | 64 | 162,97 | 144 | 366,69 | 285,6 | 369,9 | 452,5 | 473,0 | 575,0 | 777,3 | 878,1 | 978,7 | 1 103,3 | 1 219,7 | 1 380,2 | 1 781,1 |
| **2,25** | 40 | 101,86 | 90 | 229,18 | 455,5 | 536,2 | 616,7 | 636,8 | 737,2 | 937,8 | 1 038,0 | 1 138,2 | 1 262,4 | 1 378,5 | 1 538,7 | 1 939,0 |
| **2,25** | 32 | 81,49 | 72 | 183,35 | 509,5 | 589,8 | 670,1 | 690,1 | 790,4 | 990,7 | 1 090,8 | 1 190,9 | 1 315,0 | 1 431,1 | 1 591,2 | 1 991,3 |
| **2,29** | 28 | 71,30 | 64 | 162,97 | 534,0 | 614,3 | 694,5 | 714,5 | 814,7 | 1 015,0 | 1 115,1 | 1 251,1 | 1 339,2 | 1 455,3 | 1 615,4 | 2 015,5 |
| **2,33** | 48 | 122,23 | 112 | 285,21 | 391,5 | 473,0 | 554,0 | 574,2 | 675,1 | 876,2 | 976,6 | 1 076,9 | 1 201,2 | 1 317,5 | 1 477,8 | 1 878,2 |
| **2,33** | 24 | 61,12 | 56 | 142,60 | 558,5 | 638,7 | 718,8 | 738,9 | 839,0 | 1 039,2 | 1 139,3 | 1 239,3 | 1 363,4 | 1 479,4 | 1 639,5 | 2 039,6 |
| **2,35** | 34 | 86,58 | 80 | 203,72 | 488,5 | 569,0 | 649,4 | 669,4 | 769,8 | 970,2 | 1 070,4 | 1 170,5 | 1 294,7 | 1 410,8 | 1 570,9 | 1 971,1 |
| **2,37** | 38 | 96,77 | 90 | 229,18 | 459,2 | 539,9 | 620,5 | 640,6 | 741,0 | 941,7 | 1 041,9 | 1 142,1 | 1 266,3 | 1 382,4 | 1 542,6 | 1 942,9 |
| **2,40** | 80 | 203,72 | 192 | 488,92 | – | – | – | – | 432,3 | 640,0 | 742,3 | 843,9 | 969,5 | 1 086,6 | 1 247,8 | 1 649,8 |
| **2,40** | 30 | 76,39 | 72 | 183,35 | 513,2 | 593,6 | 673,9 | 693,9 | 794,2 | 994,6 | 1 094,7 | 1 194,8 | 1 318,9 | 1 435,0 | 1 595,1 | 1 995,3 |
| **2,46** | 26 | 66,21 | 64 | 162,97 | 537,8 | 618,1 | 698,3 | 718,4 | 818,6 | 1 018,9 | 1 119,0 | 1 219,0 | 1 343,1 | 1 459,2 | 1 619,3 | 2 019,4 |
| **2,50** | 36 | 91,67 | 90 | 229,18 | 462,9 | 543,6 | 624,2 | 644,3 | 744,8 | 945,5 | 1 045,7 | 1 145,9 | 1 270,1 | 1 386,3 | 1 546,5 | 1 946,8 |
| **2,50** | 32 | 81,49 | 80 | 203,72 | 492,2 | 572,7 | 653,1 | 673,2 | 773,6 | 974,1 | 1 074,3 | 1 174,4 | 1 298,6 | 1 414,7 | 1 574,8 | 1 975,1 |
| **2,55** | 44 | 112,05 | 112 | 285,21 | 398,6 | 480,2 | 561,3 | 581,5 | 682,5 | 883,8 | 984,2 | 1 084,5 | 1 208,9 | 1 325,2 | 1 485,5 | 1 886,0 |
| **2,55** | 22 | 56,02 | 56 | 142,60 | 562,3 | 642,5 | 722,7 | 742,7 | 842,9 | 1 043,1 | 1 143,2 | 1 243,2 | 1 367,3 | 1 483,4 | 1 643,4 | 2 043,5 |
| **2,57** | 56 | 142,60 | 144 | 366,69 | 298,7 | 383,5 | 466,5 | 487,1 | 589,3 | 792,1 | 893,0 | 993,7 | 1 118,4 | 1 234,9 | 1 395,5 | 1 796,5 |
| **2,57** | 28 | 71,30 | 72 | 183,35 | 517,0 | 597,4 | 677,7 | 697,7 | 798,0 | 998,4 | 1 098,6 | 1 198,7 | 1 322,8 | 1 438,9 | 1 599,0 | 1 999,2 |
| **2,65** | 34 | 86,58 | 90 | 229,18 | 466,5 | 547,3 | 627,9 | 648,1 | 748,6 | 949,3 | 1 049,6 | 1 149,8 | 1 274,0 | 1 390,2 | 1 550,4 | 1 950,7 |
| **2,67** | 72 | 183,35 | 192 | 488,92 | – | – | – | – | 445,5 | 654,1 | 756,5 | 858,4 | 984,1 | 1 101,4 | 1 262,7 | 1 665,0 |
| **2,67** | 30 | 76,39 | 80 | 203,72 | 495,9 | 576,5 | 656,9 | 677,0 | 777,4 | 977,9 | 1 078,1 | 1 178,3 | 1 302,4 | 1 418,6 | 1 578,7 | 1 979,0 |
| **2,67** | 24 | 61,12 | 64 | 162,97 | 541,6 | 621,9 | 702,2 | 722,2 | 822,4 | 1 022,7 | 1 122,8 | 1 222,9 | 1 347,0 | 1 463,1 | 1 623,2 | 2 023,4 |
| **2,77** | 26 | 66,21 | 72 | 183,35 | 520,7 | 601,1 | 681,5 | 701,6 | 801,9 | 1 002,3 | 1 102,4 | 1 202,6 | 1 326,7 | 1 442,8 | 1 602,9 | 2 003,1 |
| **2,80** | 40 | 101,86 | 112 | 285,21 | 405,6 | 487,4 | 568,6 | 588,8 | 689,9 | 891,3 | 991,8 | 1 092,2 | 1 216,5 | 1 332,8 | 1 493,2 | 1 893,8 |
| **2,81** | 32 | 81,49 | 90 | 229,18 | 470,2 | 551,0 | 631,7 | 651,8 | 752,4 | 953,1 | 1 053,4 | 1 153,6 | 1 277,9 | 1 394,0 | 1 554,2 | 1 954,6 |
| **2,86** | 28 | 71,30 | 80 | 203,72 | 499,6 | 580,2 | 660,7 | 680,8 | 781,2 | 981,8 | 1 082,0 | 1 182,1 | 1 306,3 | 1 422,5 | 1 582,6 | 1 982,9 |
| **2,91** | 22 | 56,02 | 64 | 162,97 | 545,4 | 625,7 | 706,0 | 726,0 | 826,3 | 1 026,6 | 1 126,7 | 1 226,8 | 1 350,9 | 1 467,0 | 1 627,1 | 2 027,3 |
| **2,95** | 38 | 96,77 | 112 | 285,21 | 409,1 | 490,9 | 572,2 | 592,5 | 693,6 | 895,0 | 995,5 | 1 095,9 | 1 220,4 | 1 336,7 | 1 497,0 | 1 897,0 |
| **3,00** | 64 | 162,97 | 192 | 488,92 | – | – | – | 349,2 | 458,7 | 668,0 | 770,7 | 872,7 | 998,7 | 1 116,1 | 1 277,6 | 1 680,1 |
| **3,00** | 48 | 122,23 | 144 | 366,69 | 311,7 | 397,0 | 480,4 | 501,0 | 603,6 | 806,7 | 907,8 | 1 008,6 | 1 133,4 | 1 250,0 | 1 410,7 | 1 811,9 |
| **3,00** | 30 | 76,39 | 90 | 229,18 | 473,8 | 554,7 | 635,4 | 655,5 | 756,1 | 956,9 | 1 057,2 | 1 157,5 | 1 281,7 | 1 397,9 | 1 558,1 | 1 958,5 |
| **3,00** | 24 | 61,12 | 72 | 183,35 | 524,4 | 604,9 | 685,3 | 705,4 | 805,7 | 1 006,1 | 1 106,3 | 1 206,5 | 1 330,6 | 1 446,7 | 1 606,8 | 2 007,1 |

Table 4j

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 1 440 | 1 600 | 1 760 | 1 800 | 2 000 | 2 400 | 2 600 | 2 800 | 3 048 | 3 280 | 3 600 | 4 400 |
| – | | mm | | mm | mm | | | | | | | | | | | |
| **3,08** | 26 | 66,21 | 80 | 203,72 | 503,3 | 583,9 | 664,4 | 684,5 | 785,0 | 985,6 | 1 085,8 | 1 186,0 | 1 310,2 | 1 426,3 | 1 586,5 | 1 986,8 |
| **3,11** | 36 | 91,67 | 112 | 285,21 | 412,6 | 494,5 | 575,9 | 596,1 | 697,3 | 898,8 | 999,3 | 1 099,7 | 1 224,2 | 1 340,5 | 1 500,9 | 1 901,5 |
| **3,21** | 28 | 71,3 | 90 | 229,18 | 477,5 | 558,4 | 639,1 | 659,3 | 759,9 | 960,8 | 1 061,1 | 1 161,3 | 1 285,6 | 1 401,8 | 1 562,0 | 1 962,4 |
| **3,27** | 44 | 112,05 | 144 | 366,69 | 318,2 | 403,8 | 487,3 | 508,0 | 610,7 | 814,0 | 915,1 | 1 016,0 | 1 140,9 | 1 257,5 | 1 418,3 | 1 819,5 |
| **3,27** | 22 | 56,02 | 72 | 183,35 | 528,2 | 608,7 | 689,1 | 709,1 | 809,5 | 1 010,0 | 1 110,2 | 1 210,3 | 1 334,5 | 1 450,6 | 1 610,7 | 2 011,0 |
| **3,29** | 34 | 86,58 | 112 | 285,21 | 416,1 | 498,1 | 579,5 | 599,8 | 701,0 | 902,5 | 1 003,1 | 1 103,5 | 1 228,0 | 1 344,3 | 1 504,7 | 1 905,4 |
| **3,33** | 24 | 61,12 | 80 | 203,72 | 507,0 | 587,7 | 668,2 | 688,3 | 788,8 | 989,4 | 1 089,7 | 1 189,9 | 1 314,1 | 1 430,2 | 1 590,4 | 1 990,7 |
| **3,43** | 56 | 142,6 | 192 | 488,92 | – | – | 338,7 | 361,7 | 471,9 | 681,9 | 784,8 | 887,0 | 1 013,2 | 1 130,7 | 1 292,4 | 1 695,1 |
| **3,46** | 26 | 66,21 | 90 | 229,18 | 481,1 | 562,1 | 642,8 | 663,0 | 763,6 | 964,6 | 1 064,9 | 1 165,2 | 1 289,4 | 1 405,6 | 1 565,9 | 1 966,3 |
| **3,50** | 32 | 81,49 | 112 | 285,21 | 419,6 | 501,6 | 583,1 | 603,4 | 704,6 | 906,3 | 1 006,8 | 1 107,3 | 1 231,8 | 1 348,2 | 1 508,6 | 1 909,3 |
| **3,60** | 40 | 101,86 | 144 | 366,69 | 324,6 | 410,4 | 494,1 | 514,9 | 617,8 | 821,3 | 922,5 | 1 023,4 | 1 148,4 | 1 265,1 | 1 425,8 | 1 827,2 |
| **3,64** | 22 | 56,02 | 80 | 203,72 | 510,7 | 591,4 | 671,9 | 692,1 | 792,6 | 993,3 | 1 093,5 | 1 193,7 | 1 317,9 | 1 434,1 | 1 594,3 | 1 994,6 |
| **3,73** | 30 | 76,39 | 112 | 285,21 | 423,1 | 505,2 | 586,7 | 607,0 | 708,3 | 910,0 | 1 010,6 | 1 111,1 | 1 235,6 | 1 352,0 | 1 512,4 | 1 913,2 |
| **3,75** | 24 | 61,12 | 90 | 229,18 | 484,7 | 565,7 | 646,5 | 666,7 | 767,4 | 968,4 | 1 068,7 | 1 169,0 | 1 293,3 | 1 409,5 | 1 569,8 | 1 970,2 |
| **3,79** | 38 | 96,77 | 144 | 366,69 | 327,8 | 413,8 | 497,6 | 518,3 | 621,3 | 824,9 | 926,1 | 1 027,1 | 1 152,1 | 1 268,8 | 1 429,6 | 1 831,0 |
| **4,00** | 48 | 122,23 | 192 | 488,92 | – | – | 350,9 | 374,1 | 484,9 | 695,7 | 798,9 | 901,3 | 1 027,6 | 1 145,3 | 1 307,1 | 1 710,2 |
| **4,00** | 36 | 91,67 | 144 | 366,69 | 331,0 | 417,1 | 501,0 | 521,8 | 624,8 | 828,6 | 929,8 | 1 030,8 | 1 155,8 | 1 272,6 | 1 433,4 | 1 834,8 |
| **4,00** | 28 | 71,3 | 112 | 285,21 | 426,5 | 508,7 | 590,3 | 610,6 | 712,0 | 913,7 | 1 014,4 | 1 114,9 | 1 239,4 | 1 355,8 | 1 516,2 | 1 917,0 |
| **4,09** | 22 | 56,02 | 90 | 229,18 | 488,3 | 569,4 | 650,2 | 670,4 | 771,1 | 972,1 | 1 072,5 | 1 172,8 | 1 297,1 | 1 413,3 | 1 573,6 | 1 974,1 |
| **4,24** | 34 | 86,58 | 144 | 366,69 | 334,2 | 420,4 | 504,4 | 525,2 | 628,3 | 832,2 | 933,5 | 1 034,5 | 1 159,5 | 1 276,3 | 1 437,2 | 1 838,7 |
| **4,31** | 26 | 66,21 | 112 | 285,21 | 430,0 | 512,3 | 593,9 | 614,2 | 715,6 | 917,5 | 1 018,1 | 1 118,6 | 1 243,2 | 1 359,6 | 1 520,1 | 1 920,9 |
| **4,36** | 44 | 112,05 | 192 | 488,92 | – | – | 357,0 | 380,3 | 491,4 | 702,6 | 805,9 | 908,4 | 1 034,8 | 1 152,6 | 1 314,5 | 1 717,7 |
| **4,50** | 32 | 81,49 | 144 | 366,69 | 337,4 | 423,8 | 507,8 | 528,6 | 631,8 | 835,8 | 937,1 | 1 038,2 | 1 163,2 | 1 280,0 | 1 440,9 | 1 842,5 |
| **4,67** | 24 | 61,12 | 112 | 285,21 | 433,4 | 515,8 | 597,5 | 617,8 | 719,3 | 921,2 | 1 021,9 | 1 122,4 | 1 247,0 | 1 363,4 | 1 523,9 | 1 924,7 |
| **4,80** | 40 | 101,86 | 192 | 488,92 | – | – | 363,1 | 386,4 | 497,9 | 709,4 | 812,9 | 915,5 | 1 042,0 | 1 159,8 | 1 321,8 | 1 725,1 |
| **4,80** | 30 | 76,39 | 144 | 366,69 | 340,6 | 427,1 | 511,3 | 532,1 | 635,3 | 839,4 | 940,8 | 1 041,9 | 1 167,0 | 1 283,8 | 1 444,7 | 1 846,3 |
| **5,05** | 38 | 96,77 | 192 | 488,92 | – | – | 366,1 | 389,5 | 501,1 | 712,9 | 816,3 | 919,0 | 1 045,6 | 1 163,4 | 1 325,5 | 1 728,9 |
| **5,09** | 22 | 56,02 | 112 | 285,21 | 436,9 | 519,3 | 601,0 | 621,4 | 722,9 | 924,9 | 1 025,6 | 1 126,2 | 1 250,7 | 1 367,2 | 1 527,7 | 1 928,6 |
| **5,14** | 28 | 71,30 | 144 | 366,69 | 343,8 | 430,4 | 514,7 | 535,5 | 638,8 | 843,0 | 944,4 | 1 045,6 | 1 170,7 | 1 287,5 | 1 448,5 | 1 850,1 |
| **5,33** | 36 | 91,67 | 192 | 488,92 | – | – | 369,1 | 392,6 | 504,4 | 716,3 | 819,8 | 922,5 | 1 049,1 | 1 167,1 | 1 329,1 | 1 732,6 |
| **5,54** | 26 | 66,21 | 144 | 366,69 | 346,9 | 433,7 | 518,1 | 538,9 | 642,3 | 846,6 | 948,1 | 1 049,2 | 1 174,4 | 1 291,2 | 1 452,2 | 1 853,9 |
| **5,65** | 34 | 86,58 | 192 | 488,92 | – | – | 372,2 | 395,7 | 507,6 | 719,7 | 823,3 | 926,1 | 1 052,7 | 1 170,7 | 1 332,8 | 1 736,3 |
| **6,00** | 32 | 81,49 | 192 | 488,92 | – | – | 375,2 | 398,7 | 510,8 | 723,1 | 826,8 | 929,6 | 1 056,3 | 1 174,3 | 1 336,4 | 1 740,1 |
| **6,00** | 24 | 61,12 | 144 | 366,69 | 350,1 | 437,0 | 521,5 | 542,3 | 645,8 | 850,2 | 951,7 | 1 052,9 | 1 178,1 | 1 295,0 | 1 456,0 | 1 857,7 |
| **6,40** | 30 | 76,39 | 192 | 488,92 | – | – | 378,2 | 401,8 | 514,0 | 726,5 | 830,2 | 933,1 | 1 059,9 | 1 177,9 | 1 340,1 | 1 743,8 |
| **6,55** | 22 | 56,02 | 144 | 366,69 | 353,3 | 440,3 | 524,8 | 545,7 | 649,3 | 853,8 | 955,3 | 1 056,6 | 1 181,8 | 1 298,7 | 1 459,7 | 1 861,5 |
| **6,86** | 28 | 71,30 | 192 | 488,92 | – | – | 381,2 | 404,8 | 517,2 | 729,9 | 833,7 | 936,6 | 1 063,4 | 1 181,5 | 1 343,7 | 1 747,5 |
| **7,38** | 26 | 66,21 | 192 | 488,92 | – | – | 384,3 | 407,9 | 520,5 | 733,3 | 837,2 | 940,1 | 1 067,0 | 1 185,1 | 1 347,4 | 1 751,2 |
| **8,00** | 24 | 61,12 | 192 | 488,92 | – | – | 387,3 | 411,0 | 523,7 | 736,7 | 840,6 | 943,7 | 1 070,6 | 1 188,7 | 1 351,0 | 1 754,9 |
| **8,73** | 22 | 56,02 | 192 | 488,92 | – | – | 390,3 | 414,0 | 526,9 | 740,1 | 844,1 | 947,2 | 1 074,1 | 1 192,3 | 1 354,7 | 1 758,7 |

# Centre distances
## Section 14M

**Table 4k**

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 966 | 1190 | 1400 | 1610 | 1778 | 1890 | 2100 | 2310 | 2450 | 2590 | 2 800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,00** | 80 | 356,61 | 80 | 356,61 | – | – | – | – | – | 385,0 | 490,0 | 595,0 | 665,0 | 735,0 | 840,0 |
| **1,00** | 72 | 320,86 | 72 | 320,86 | – | – | – | – | 385,0 | 441,0 | 546,0 | 651,0 | 721,0 | 791,0 | 896,0 |
| **1,00** | 68 | 303,03 | 68 | 303,03 | – | – | – | 329,0 | 413,0 | 469,0 | 574,0 | 679,0 | 749,0 | 819,0 | 924,0 |
| **1,00** | 64 | 285,21 | 64 | 285,21 | – | – | – | 357,0 | 441,0 | 497,0 | 602,0 | 707,0 | 777,0 | 847,0 | 952,0 |
| **1,00** | 60 | 267,38 | 60 | 267,38 | – | – | – | 385,0 | 469,0 | 525,0 | 630,0 | 735,0 | 805,0 | 875,0 | 980,0 |
| **1,00** | 56 | 249,55 | 56 | 249,55 | – | – | 308,0 | 413,0 | 497,0 | 553,0 | 658,0 | 763,0 | 833,0 | 903,0 | 1008,0 |
| **1,00** | 52 | 231,73 | 52 | 231,73 | – | – | 336,0 | 441,0 | 525,0 | 581,0 | 686,0 | 791,0 | 861,0 | 931,0 | 1036,0 |
| **1,00** | 48 | 213,90 | 48 | 213,90 | – | 259,0 | 364,0 | 469,0 | 553,0 | 609,0 | 714,0 | 819,0 | 889,0 | 959,0 | 1064,0 |
| **1,00** | 44 | 196,08 | 44 | 196,08 | – | 287,0 | 392,0 | 497,0 | 581,0 | 637,0 | 742,0 | 847,0 | 917,0 | 987,0 | 1092,0 |
| **1,00** | 40 | 178,25 | 40 | 178,25 | 203,0 | 315,0 | 420,0 | 525,0 | 609,0 | 665,0 | 770,0 | 875,0 | 945,0 | 1015,0 | 1120,0 |
| **1,00** | 38 | 169,34 | 38 | 169,34 | 217,0 | 329,0 | 434,0 | 539,0 | 623,0 | 679,0 | 784,0 | 889,0 | 959,0 | 1029,0 | 1134,0 |
| **1,00** | 36 | 160,43 | 36 | 160,43 | 231,0 | 343,0 | 448,0 | 553,0 | 637,0 | 693,0 | 798,0 | 903,0 | 973,0 | 1043,0 | 1148,0 |
| **1,00** | 34 | 151,52 | 34 | 151,52 | 245,0 | 357,0 | 462,0 | 567,0 | 651,0 | 707,0 | 812,0 | 917,0 | 987,0 | 1057,0 | 1162,0 |
| **1,00** | 32 | 142,60 | 32 | 142,60 | 259,0 | 371,0 | 476,0 | 581,0 | 665,0 | 721,0 | 826,0 | 931,0 | 1001,0 | 1071,0 | 1176,0 |
| **1,00** | 30 | 133,69 | 30 | 133,69 | 273,0 | 385,0 | 490,0 | 595,0 | 679,0 | 735,0 | 840,0 | 945,0 | 1015,0 | 1085,0 | 1190,0 |
| **1,00** | 29 | 129,23 | 29 | 129,23 | 280,0 | 392,0 | 497,0 | 602,0 | 686,0 | 742,0 | 847,0 | 952,0 | 1022,0 | 1092,0 | 1197,0 |
| **1,00** | 28 | 124,78 | 28 | 124,78 | 287,0 | 399,0 | 504,0 | 609,0 | 693,0 | 749,0 | 854,0 | 959,0 | 1029,0 | 1099,0 | 1204,0 |
| **1,03** | 29 | 129,23 | 30 | 133,69 | 276,5 | 388,5 | 493,5 | 598,5 | 682,5 | 738,5 | 843,5 | 948,5 | 1018,5 | 1088,5 | 1193,5 |
| **1,04** | 28 | 124,78 | 29 | 129,23 | 283,5 | 395,5 | 500,5 | 605,5 | 689,5 | 745,5 | 850,5 | 955,5 | 1025,5 | 1095,5 | 1200,5 |
| **1,05** | 38 | 169,34 | 40 | 178,25 | 210,0 | 322,0 | 427,0 | 532,0 | 616,0 | 672,0 | 777,0 | 882,0 | 952,0 | 1022,0 | 1127,0 |
| **1,06** | 68 | 303,03 | 72 | 320,86 | – | – | – | – | 398,9 | 454,9 | 559,9 | 664,9 | 735,0 | 805,0 | 910,0 |
| **1,06** | 64 | 285,21 | 68 | 303,03 | – | – | – | 342,9 | 426,9 | 482,9 | 587,9 | 692,9 | 763,0 | 833,0 | 938,0 |
| **1,06** | 36 | 160,43 | 38 | 169,34 | 224,0 | 336,0 | 441,0 | 546,0 | 630,0 | 686,0 | 791,0 | 896,0 | 966,0 | 1036,0 | 1114,0 |
| **1,06** | 34 | 151,52 | 36 | 160,43 | 238,0 | 350,0 | 455,0 | 560,0 | 644,0 | 700,0 | 805,0 | 910,0 | 980,0 | 1050,0 | 1155,0 |
| **1,06** | 32 | 142,60 | 34 | 151,52 | 252,0 | 364,0 | 469,0 | 574,0 | 658,0 | 714,0 | 819,0 | 924,0 | 994,0 | 1064,0 | 1169,0 |
| **1,07** | 60 | 267,38 | 64 | 285,21 | – | – | – | 370,9 | 454,9 | 510,9 | 615,9 | 720,9 | 791,0 | 861,0 | 966,0 |
| **1,07** | 56 | 249,55 | 60 | 267,38 | – | – | 293,9 | 398,9 | 482,9 | 538,9 | 643,9 | 749,0 | 819,0 | 889,0 | 994,0 |
| **1,07** | 30 | 133,69 | 32 | 142,60 | 266,0 | 378,0 | 483,0 | 588,0 | 672,0 | 728,0 | 833,0 | 938,0 | 1008,0 | 1078,0 | 1183,0 |
| **1,07** | 28 | 124,78 | 30 | 133,69 | 280,0 | 392,0 | 497,0 | 602,0 | 686,0 | 742,0 | 847,0 | 952,0 | 1022,0 | 1092,0 | 1197,0 |
| **1,08** | 52 | 231,73 | 56 | 249,55 | – | – | 321,9 | 426,9 | 510,9 | 566,9 | 671,9 | 777,0 | 847,0 | 917,0 | 1022,0 |
| **1,08** | 48 | 213,90 | 52 | 231,73 | – | 244,8 | 349,9 | 454,9 | 538,9 | 594,9 | 699,9 | 805,0 | 875,0 | 945,0 | 1050,0 |
| **1,09** | 44 | 196,08 | 48 | 213,90 | – | 272,9 | 377,9 | 482,9 | 566,9 | 622,9 | 727,9 | 833,0 | 903,0 | 973,0 | 1078,0 |
| **1,10** | 40 | 178,25 | 44 | 196,08 | – | 300,9 | 405,9 | 510,9 | 594,9 | 650,9 | 756,0 | 861,0 | 931,0 | 1001,0 | 1106,0 |
| **1,10** | 29 | 129,23 | 32 | 142,60 | 269,4 | 381,4 | 486,5 | 591,5 | 675,5 | 731,5 | 836,5 | 941,5 | 1011,5 | 1081,5 | 1186,5 |
| **1,11** | 72 | 320,86 | 80 | 356,51 | – | – | – | – | 356,6 | 412,6 | 517,7 | 622,7 | 692,8 | 762,8 | 867,8 |
| **1,11** | 36 | 160,43 | 40 | 178,25 | 216,8 | 328,9 | 433,9 | 538,9 | 622,9 | 678,9 | 784,0 | 889,0 | 959,0 | 1029,0 | 1134,0 |
| **1,12** | 34 | 151,52 | 38 | 169,34 | 230,8 | 342,9 | 447,9 | 552,9 | 636,9 | 692,9 | 798,0 | 903,0 | 973,0 | 1043,0 | 1148,0 |
| **1,13** | 80 | 356,51 | 90 | 401,07 | – | – | – | – | – | – | 454,5 | 559,6 | 629,6 | 699,6 | 804,7 |
| **1,13** | 64 | 285,21 | 72 | 320,86 | – | – | – | 328,5 | 412,6 | 468,7 | 573,7 | 678,8 | 748,8 | 818,8 | 923,8 |
| **1,13** | 60 | 267,38 | 68 | 303,03 | – | – | – | 356,6 | 440,6 | 496,7 | 601,7 | 706,8 | 776,8 | 846,8 | 951,8 |
| **1,13** | 32 | 142,60 | 36 | 160,43 | 244,8 | 356,9 | 461,9 | 566,9 | 650,9 | 706,9 | 812,0 | 917,0 | 987,0 | 1057,0 | 1162,0 |
| **1,13** | 30 | 133,69 | 34 | 151,52 | 258,8 | 370,9 | 475,9 | 580,9 | 664,9 | 720,9 | 826,0 | 931,0 | 1001,0 | 1071,0 | 1176,0 |
| **1,14** | 56 | 249,55 | 64 | 285,21 | – | – | – | 384,6 | 468,7 | 524,7 | 629,7 | 734,8 | 804,8 | 874,8 | 979,8 |
| **1,14** | 28 | 124,78 | 32 | 142,60 | 272,9 | 384,9 | 489,9 | 594,9 | 678,9 | 735,0 | 840,0 | 945,0 | 1015,0 | 1085,0 | 1190,0 |
| **1,15** | 52 | 231,73 | 60 | 267,38 | – | – | 307,5 | 412,6 | 496,7 | 552,7 | 657,8 | 762,8 | 832,8 | 902,8 | 1007,8 |
| **1,16** | 38 | 169,34 | 44 | 196,08 | 195,5 | 307,7 | 412,8 | 517,8 | 601,9 | 657,9 | 762,9 | 867,9 | 937,9 | 1007,9 | 1112,9 |
| **1,17** | 48 | 213,90 | 56 | 249,55 | – | – | 335,5 | 440,6 | 524,7 | 580,7 | 685,8 | 790,8 | 860,8 | 930,8 | 1035,8 |
| **1,17** | 29 | 129,23 | 34 | 151,52 | 262,3 | 374,3 | 479,4 | 584,4 | 668,4 | 724,4 | 829,4 | 934,4 | 1004,4 | 1074,4 | 1179,5 |
| **1,18** | 68 | 303,03 | 80 | 356,51 | – | – | – | – | 370,0 | 426,2 | 531,3 | 636,4 | 706,5 | 776,5 | 881,6 |
| **1,18** | 44 | 196,08 | 52 | 231,73 | – | 258,4 | 363,6 | 468,7 | 552,7 | 608,7 | 713,8 | 818,8 | 888,8 | 958,8 | 1063,9 |
| **1,18** | 34 | 151,52 | 40 | 178,25 | 223,6 | 335,7 | 440,8 | 545,8 | 629,9 | 685,9 | 790,9 | 895,9 | 965,9 | 1035,9 | 1140,9 |
| **1,19** | 32 | 142,60 | 38 | 169,34 | 237,6 | 349,7 | 454,8 | 559,8 | 643,9 | 699,9 | 804,9 | 909,9 | 979,9 | 1049,9 | 1154,9 |
| **1,20** | 60 | 267,38 | 72 | 320,86 | – | – | – | 342,0 | 426,2 | 482,3 | 587,4 | 692,5 | 762,5 | 832,6 | 937,6 |
| **1,20** | 40 | 178,25 | 48 | 213,90 | – | 286,4 | 391,6 | 496,7 | 580,7 | 636,8 | 741,8 | 846,8 | 916,8 | 986,8 | 1091,9 |
| **1,20** | 30 | 133,69 | 36 | 160,43 | 251,6 | 363,8 | 468,8 | 573,8 | 657,9 | 713,9 | 818,9 | 923,9 | 993,9 | 1063,9 | 1168,9 |
| **1,21** | 56 | 249,55 | 68 | 303,03 | – | – | – | 370,0 | 454,2 | 510,3 | 615,4 | 720,5 | 790,5 | 860,6 | 865,6 |
| **1,21** | 28 | 124,78 | 34 | 151,52 | 265,7 | 377,8 | 482,8 | 587,8 | 671,9 | 727,9 | 832,9 | 937,9 | 1007,9 | 1077,9 | 1182,9 |
| **1,22** | 36 | 160,43 | 44 | 196,08 | 202,2 | 314,5 | 419,6 | 524,7 | 608,7 | 664,8 | 769,8 | 874,8 | 944,8 | 1014,8 | 1119,9 |
| **1,23** | 52 | 231,73 | 64 | 285,21 | – | – | 292,8 | 398,1 | 482,3 | 538,3 | 643,4 | 748,5 | 818,6 | 888,6 | 993,6 |
| **1,24** | 29 | 129,23 | 36 | 160,43 | 255,0 | 367,2 | 472,2 | 577,3 | 661,3 | 717,3 | 822,4 | 927,4 | 997,4 | 1067,4 | 1172,4 |
| **1,25** | 72 | 320,86 | 90 | 401,07 | – | – | – | – | – | 375,9 | 481,3 | 586,6 | 656,8 | 726,9 | 832,0 |
| **1,25** | 64 | 285,21 | 80 | 356,51 | – | – | – | – | 383,3 | 439,6 | 544,8 | 650,0 | 720,1 | 790,2 | 895,3 |
| **1,25** | 48 | 213,90 | 60 | 267,38 | – | – | 320,9 | 426,2 | 510,3 | 566,4 | 671,5 | 776,5 | 846,6 | 916,6 | 1021,7 |
| **1,25** | 32 | 142,60 | 40 | 178,25 | 230,3 | 342,5 | 447,6 | 552,7 | 636,8 | 692,8 | 797,8 | 902,8 | 972,8 | 1042,9 | 1147,9 |
| **1,26** | 38 | 169,34 | 48 | 213,90 | – | 293,2 | 398,4 | 503,5 | 587,6 | 643,6 | 748,7 | 853,7 | 923,7 | 993,8 | 1098,8 |
| **1,27** | 44 | 196,08 | 56 | 249,55 | – | 243,5 | 349,0 | 454,2 | 538,3 | 594,4 | 699,5 | 804,6 | 874,6 | 944,6 | 1049,7 |
| **1,27** | 30 | 133,69 | 38 | 169,34 | 244,3 | 356,6 | 461,7 | 566,7 | 650,8 | 706,8 | 811,8 | 916,8 | 986,8 | 1056,9 | 1161,9 |
| **1,29** | 56 | 249,55 | 72 | 320,86 | – | – | – | 355,2 | 439,6 | 495,7 | 600,9 | 706,1 | 776,2 | 846,3 | 951,3 |
| **1,29** | 34 | 151,52 | 44 | 196,08 | 208,8 | 321,2 | 426,4 | 531,5 | 615,6 | 671,6 | 776,7 | 881,7 | 951,7 | 1021,8 | 1126,8 |
| **1,29** | 28 | 124,78 | 36 | 160,43 | 258,4 | 370,6 | 475,7 | 580,7 | 664,8 | 720,8 | 825,8 | 930,8 | 1000,8 | 1070,9 | 1175,9 |
| **1,30** | 40 | 178,25 | 52 | 231,73 | – | 271,7 | 377,1 | 482,3 | 566,4 | 622,4 | 727,5 | 832,6 | 902,6 | 972,6 | 1077,7 |
| **1,31** | 52 | 231,73 | 68 | 303,03 | – | – | – | 383,3 | 467,6 | 523,8 | 629,0 | 734,1 | 804,2 | 874,3 | 979,4 |
| **1,31** | 29 | 129,23 | 38 | 169,34 | 247,7 | 359,9 | 465,1 | 570,1 | 654,2 | 710,2 | 815,3 | 920,3 | 990,3 | 1060,3 | 1165,3 |
| **1,32** | 68 | 303,03 | 90 | 401,07 | – | – | – | – | – | 388,9 | 494,6 | 600,0 | 670,2 | 740,4 | 845,6 |
| **1,33** | 60 | 267,38 | 80 | 356,51 | – | – | – | – | 396,5 | 452,8 | 558,2 | 663,5 | 733,6 | 803,8 | 908,9 |
| **1,33** | 48 | 213,90 | 64 | 285,21 | – | – | 305,9 | 411,5 | 495,7 | 551,8 | 657,0 | 762,2 | 832,2 | 902,3 | 1007,4 |
| **1,33** | 36 | 160,43 | 48 | 213,90 | – | 299,8 | 405,1 | 510,3 | 594,4 | 650,5 | 755,5 | 860,6 | 930,6 | 1000,6 | 1105,7 |
| **1,33** | 30 | 133,69 | 40 | 178,25 | 237,0 | 349,3 | 454,5 | 559,6 | 643,6 | 699,6 | 804,7 | 909,7 | 979,7 | 1049,8 | 1154,8 |
| **1,36** | 44 | 196,08 | 60 | 267,38 | – | – | 334,1 | 439,6 | 523,8 | 579,9 | 685,1 | 790,2 | 860,3 | 930,3 | 1035,4 |
| **1,36** | 28 | 124,78 | 38 | 169,34 | 251,0 | 363,3 | 468,5 | 573,6 | 657,6 | 713,7 | 818,7 | 923,7 | 993,8 | 1063,8 | 1168,8 |

Table 4l

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 966 | 1190 | 1400 | 1610 | 1778 | 1890 | 2100 | 2310 | 2450 | 2590 | 2 800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,37** | 38 | 169,34 | 52 | 231,73 | – | 278,2 | 383,7 | 489,0 | 573,2 | 629,2 | 734,3 | 839,4 | 909,5 | 979,5 | 1084,6 |
| **1,38** | 52 | 231,73 | 72 | 320,86 | – | – | – | 368,3 | 452,8 | 509,0 | 614,4 | 719,6 | 789,7 | 859,8 | 965,0 |
| **1,38** | 32 | 142,60 | 44 | 196,08 | 215,3 | 327,9 | 433,2 | 538,3 | 622,4 | 678,5 | 783,5 | 888,6 | 958,6 | 1028,7 | 1133,7 |
| **1,38** | 29 | 129,23 | 40 | 178,25 | 240,2 | 352,6 | 457,8 | 563,0 | 647,0 | 703,1 | 808,1 | 913,2 | 983,2 | 1053,2 | 1158,2 |
| **1,40** | 80 | 356,51 | 112 | 499,11 | – | – | – | – | – | – | – | 477,7 | 548,4 | 618,9 | 724,5 |
| **1,40** | 40 | 178,25 | 56 | 249,55 | – | 256,5 | 362,2 | 467,6 | 551,8 | 608,0 | 713,1 | 818,2 | 888,3 | 958,3 | 1063,4 |
| **1,41** | 64 | 285,21 | 90 | 401,07 | – | – | – | – | – | 401,8 | 507,7 | 613,3 | 683,5 | 753,8 | 859,0 |
| **1,41** | 34 | 151,52 | 48 | 213,90 | – | 306,4 | 411,8 | 517,1 | 601,2 | 657,3 | 762,4 | 867,4 | 937,5 | 1007,5 | 1112,6 |
| **1,42** | 48 | 213,90 | 68 | 303,03 | – | – | 290,6 | 396,5 | 480,9 | 537,2 | 642,5 | 747,7 | 817,8 | 887,9 | 993,0 |
| **1,43** | 56 | 249,55 | 80 | 356,51 | – | – | – | 324,6 | 409,5 | 465,9 | 571,5 | 676,9 | 747,1 | 817,3 | 922,4 |
| **1,43** | 28 | 124,78 | 40 | 178,25 | 243,5 | 356,0 | 461,2 | 566,4 | 650,5 | 706,5 | 811,6 | 916,6 | 986,6 | 1056,7 | 1161,7 |
| **1,44** | 36 | 160,43 | 52 | 231,73 | – | 284,8 | 390,4 | 495,7 | 579,9 | 636,0 | 741,1 | 846,3 | 916,3 | 986,4 | 1091,4 |
| **1,45** | 44 | 196,08 | 64 | 285,21 | – | – | 318,9 | 424,7 | 509,0 | 565,2 | 670,5 | 775,7 | 845,8 | 915,9 | 1021,0 |
| **1,47** | 38 | 169,34 | 56 | 249,55 | – | 262,9 | 368,8 | 474,3 | 558,6 | 614,7 | 719,9 | 825,0 | 895,1 | 965,2 | 1070,3 |
| **1,47** | 30 | 133,69 | 44 | 196,08 | 221,8 | 334,5 | 439,9 | 545,1 | 629,2 | 685,3 | 790,4 | 895,5 | 965,5 | 1035,5 | 1140,6 |
| **1,50** | 60 | 267,38 | 90 | 401,07 | – | – | – | – | 357,7 | 414,6 | 520,7 | 626,4 | 698,6 | 767,1 | 872,4 |
| **1,50** | 48 | 213,90 | 72 | 320,86 | – | – | – | 381,2 | 465,9 | 522,3 | 627,7 | 733,0 | 803,2 | 873,4 | 978,5 |
| **1,50** | 40 | 178,25 | 60 | 267,38 | – | 240,9 | 347,1 | 452,8 | 537,2 | 593,3 | 698,6 | 803,8 | 873,9 | 943,9 | 1049,1 |
| **1,50** | 32 | 142,60 | 48 | 213,90 | 199,8 | 313,0 | 418,5 | 523,8 | 608,0 | 664,0 | 769,2 | 874,3 | 944,3 | 1014,4 | 1119,4 |
| **1,52** | 29 | 129,23 | 44 | 196,08 | 225,0 | 337,8 | 443,2 | 548,5 | 632,6 | 688,7 | 793,8 | 898,9 | 968,9 | 1039,0 | 1144,0 |
| **1,53** | 34 | 151,52 | 52 | 231,73 | – | 291,2 | 397,0 | 502,4 | 586,6 | 642,7 | 747,9 | 853,1 | 923,1 | 993,2 | 1098,3 |
| **1,54** | 52 | 231,73 | 80 | 356,51 | – | – | – | 337,2 | 422,4 | 478,9 | 584,7 | 690,2 | 760,4 | 830,7 | 935,9 |
| **1,55** | 44 | 196,08 | 68 | 303,03 | – | – | 303,3 | 409,5 | 494,1 | 550,4 | 655,8 | 761,1 | 831,3 | 901,4 | 1006,6 |
| **1,56** | 72 | 320,86 | 112 | 499,11 | – | – | – | – | – | – | – | 503,1 | 574,1 | 644,8 | 750,7 |
| **1,56** | 36 | 160,43 | 56 | 249,55 | – | 269,3 | 375,4 | 480,9 | 565,2 | 621,4 | 726,6 | 831,8 | 901,9 | 972,0 | 1077,1 |
| **1,57** | 28 | 124,78 | 44 | 196,08 | 228,2 | 341,1 | 446,6 | 551,8 | 636,0 | 692,1 | 797,2 | 902,3 | 972,3 | 1042,4 | 1147,4 |
| **1,58** | 38 | 169,34 | 60 | 267,38 | – | 247,1 | 353,6 | 459,4 | 543,8 | 600,0 | 705,3 | 810,5 | 880,6 | 950,7 | 1055,9 |
| **1,60** | 40 | 178,25 | 64 | 285,21 | – | – | 331,7 | 437,7 | 522,3 | 578,5 | 683,9 | 789,2 | 859,3 | 929,5 | 1034,6 |
| **1,60** | 30 | 133,69 | 48 | 213,90 | 206,1 | 319,5 | 425,1 | 530,5 | 614,7 | 670,8 | 776,0 | 881,1 | 951,2 | 1021,2 | 1126,3 |
| **1,61** | 56 | 249,55 | 90 | 401,07 | – | – | – | – | 370,2 | 427,3 | 533,6 | 639,5 | 710,0 | 780,3 | 885,8 |
| **1,63** | 32 | 142,60 | 52 | 231,73 | – | 297,7 | 403,5 | 509,0 | 593,3 | 649,5 | 754,7 | 859,8 | 929,9 | 1000,0 | 1105,1 |
| **1,64** | 44 | 196,08 | 72 | 320,86 | – | – | 287,2 | 394,1 | 478,9 | 535,4 | 641,0 | 746,4 | 816,6 | 886,8 | 992,0 |
| **1,65** | 68 | 303,03 | 112 | 499,11 | – | – | – | – | – | – | – | 515,7 | 586,8 | 657,7 | 763,7 |
| **1,65** | 34 | 151,52 | 56 | 249,55 | – | 275,6 | 381,8 | 487,5 | 571,9 | 628,1 | 733,4 | 838,6 | 908,7 | 978,8 | 1083,9 |
| **1,66** | 29 | 129,23 | 48 | 213,90 | 209,2 | 322,7 | 428,4 | 533,8 | 618,1 | 674,2 | 779,4 | 884,5 | 954,6 | 1024,6 | 1129,7 |
| **1,67** | 48 | 213,90 | 80 | 356,51 | – | – | – | 349,7 | 435,1 | 491,8 | 597,7 | 703,4 | 773,7 | 844,0 | 949,3 |
| **1,67** | 36 | 160,43 | 60 | 267,38 | – | 253,3 | 360,0 | 465,9 | 550,4 | 606,6 | 712,0 | 817,3 | 887,4 | 957,5 | 1062,7 |
| **1,68** | 38 | 169,34 | 64 | 285,21 | – | – | 338,0 | 444,2 | 528,8 | 585,1 | 690,6 | 795,9 | 966,1 | 936,2 | 1041,4 |
| **1,70** | 40 | 178,25 | 68 | 303,03 | – | – | 315,8 | 422,4 | 507,2 | 563,5 | 669,1 | 774,5 | 844,7 | 914,9 | 1020,1 |
| **1,71** | 28 | 124,78 | 48 | 213,90 | 212,3 | 325,9 | 431,7 | 537,2 | 621,4 | 677,5 | 782,7 | 887,9 | 958,0 | 1028,0 | 1133,1 |
| **1,73** | 52 | 231,73 | 90 | 401,07 | – | – | – | – | 382,6 | 439,8 | 546,4 | 652,5 | 723,0 | 793,5 | 899,0 |
| **1,73** | 30 | 133,69 | 52 | 231,73 | – | 304,0 | 410,1 | 515,7 | 600,0 | 656,2 | 761,4 | 866,6 | 936,7 | 1006,8 | 1111,9 |
| **1,75** | 64 | 285,21 | 112 | 499,11 | – | – | – | – | – | – | 420,3 | 528,1 | 599,4 | 670,5 | 776,6 |
| **1,75** | 32 | 142,60 | 56 | 249,55 | – | 281,9 | 388,3 | 494,1 | 578,5 | 634,7 | 740,1 | 845,3 | 915,4 | 985,5 | 1090,7 |
| **1,76** | 34 | 151,52 | 60 | 267,38 | – | 259,5 | 366,4 | 472,4 | 557,0 | 613,3 | 718,7 | 824,0 | 894,1 | 964,3 | 1069,4 |
| **1,78** | 36 | 160,43 | 64 | 285,21 | – | 236,7 | 344,3 | 450,7 | 535,4 | 591,7 | 697,2 | 802,6 | 872,8 | 942,9 | 1048,1 |
| **1,79** | 38 | 169,34 | 68 | 303,03 | – | – | 322,0 | 428,8 | 513,6 | 570,1 | 675,7 | 781,1 | 851,4 | 921,6 | 1026,8 |
| **1,79** | 29 | 129,23 | 52 | 231,73 | – | 307,2 | 413,3 | 519,0 | 603,3 | 659,5 | 764,8 | 870,0 | 940,1 | 1010,2 | 1115,3 |
| **1,80** | 80 | 356,51 | 144 | 641,71 | – | – | – | – | – | – | – | – | – | – | 598,9 |
| **1,80** | 40 | 178,25 | 72 | 320,86 | – | – | 299,5 | 406,7 | 491,8 | 548,4 | 654,1 | 759,7 | 829,9 | 900,2 | 1005,5 |
| **1,82** | 44 | 196,08 | 80 | 356,51 | – | – | – | 362,1 | 447,8 | 504,6 | 610,7 | 716,5 | 786,9 | 857,2 | 962,7 |
| **1,86** | 28 | 124,78 | 52 | 231,73 | 195,6 | 310,4 | 416,6 | 522,3 | 606,6 | 662,8 | 768,1 | 873,4 | 943,5 | 1013,6 | 1118,7 |
| **1,87** | 60 | 267,38 | 112 | 499,11 | – | – | – | – | – | – | 432,4 | 540,5 | 612,0 | 683,2 | 789,5 |
| **1,87** | 30 | 133,69 | 56 | 249,55 | – | 288,2 | 394,7 | 500,6 | 585,1 | 641,4 | 746,8 | 852,0 | 922,2 | 992,3 | 1097,5 |
| **1,88** | 48 | 213,90 | 90 | 401,07 | – | – | – | – | 394,9 | 452,3 | 559,2 | 665,4 | 736,0 | 806,6 | 912,2 |
| **1,88** | 34 | 151,52 | 64 | 285,21 | – | 242,7 | 350,6 | 457,1 | 541,9 | 598,3 | 703,8 | 809,2 | 879,5 | 949,6 | 1054,9 |
| **1,88** | 32 | 142,60 | 60 | 267,38 | – | 265,6 | 372,8 | 478,9 | 563,5 | 619,9 | 725,3 | 830,7 | 900,8 | 971,0 | 1076,2 |
| **1,89** | 38 | 169,34 | 72 | 320,86 | – | – | 305,6 | 413,0 | 498,2 | 554,8 | 660,7 | 766,3 | 836,6 | 906,8 | 1012,2 |
| **1,89** | 36 | 160,43 | 68 | 303,03 | – | – | 328,2 | 435,1 | 520,1 | 576,6 | 682,3 | 787,8 | 858,0 | 928,3 | 1033,5 |
| **1,93** | 29 | 129,23 | 56 | 249,55 | – | 291,3 | 397,9 | 503,9 | 588,4 | 644,7 | 750,1 | 855,4 | 925,5 | 995,7 | 1100,9 |
| **2,00** | 72 | 320,86 | 144 | 641,71 | – | – | – | – | – | – | – | – | – | 513,7 | 623,2 |
| **2,00** | 56 | 249,55 | 112 | 499,11 | – | – | – | – | – | – | 444,4 | 552,9 | 624,5 | 695,8 | 802,3 |
| **2,00** | 40 | 178,25 | 80 | 356,51 | – | – | 374,3 | 460,3 | 517,3 | – | 623,6 | 729,5 | 800,0 | 870,4 | 975,9 |
| **2,00** | 36 | 160,43 | 72 | 320,86 | – | – | 311,6 | 419,3 | 504,6 | 561,3 | 667,2 | 772,8 | 843,2 | 913,5 | 1018,8 |
| **2,00** | 34 | 151,52 | 68 | 303,03 | – | – | 334,4 | 441,5 | 526,5 | 583,1 | 688,8 | 794,4 | 864,7 | 934,9 | 1040,2 |
| **2,00** | 32 | 142,60 | 64 | 285,21 | – | 248,7 | 356,9 | 463,5 | 548,4 | 604,8 | 710,4 | 815,9 | 886,1 | 956,3 | 1061,6 |
| **2,00** | 30 | 133,69 | 60 | 267,38 | – | 271,7 | 379,1 | 485,4 | 570,1 | 626,4 | 731,9 | 837,3 | 907,5 | 977,7 | 1082,9 |
| **2,00** | 28 | 124,78 | 56 | 249,55 | – | 294,4 | 401,1 | 507,2 | 591,7 | 648,0 | 753,4 | 858,7 | 928,9 | 999,1 | 1104,2 |
| **2,05** | 44 | 196,08 | 90 | 401,07 | – | – | – | 319,4 | 407,0 | 464,6 | 571,8 | 678,2 | 749,0 | 819,6 | 925,3 |
| **2,07** | 29 | 129,23 | 60 | 267,38 | – | 274,8 | 382,2 | 488,6 | 573,3 | 629,7 | 735,3 | 840,7 | 910,9 | 981,1 | 1086,3 |
| **2,10** | 80 | 356,51 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | – |
| **2,11** | 38 | 169,34 | 80 | 356,51 | – | – | – | 380,4 | 466,6 | 523,6 | 630,0 | 736,0 | 806,6 | 877,0 | 982,5 |
| **2,12** | 68 | 303,03 | 144 | 641,71 | – | – | – | – | – | – | – | – | – | 525,5 | 635,3 |
| **2,12** | 34 | 151,52 | 72 | 320,86 | – | – | 317,6 | 425,5 | 511,0 | 567,7 | 673,7 | 779,4 | 849,8 | 920,1 | 1025,5 |
| **2,13** | 32 | 142,60 | 68 | 303,03 | – | – | 340,5 | 447,8 | 533,0 | 589,5 | 695,4 | 801,0 | 871,3 | 941,6 | 1046,9 |
| **2,13** | 30 | 133,69 | 64 | 285,21 | – | 254,6 | 363,1 | 469,9 | 554,8 | 611,3 | 717,0 | 822,5 | 892,8 | 963,0 | 1068,3 |
| **2,14** | 28 | 124,78 | 60 | 267,38 | – | 277,8 | 385,4 | 491,8 | 576,6 | 633,0 | 738,6 | 844,0 | 914,2 | 984,4 | 1089,7 |
| **2,15** | 52 | 231,73 | 112 | 499,11 | – | – | – | – | – | – | 456,3 | 565,1 | 636,9 | 708,3 | 815,0 |
| **2,21** | 29 | 129,23 | 64 | 285,21 | – | 257,6 | 366,2 | 473,1 | 558,0 | 614,5 | 720,3 | 825,8 | 896,1 | 966,4 | 1071,7 |
| **2,22** | 36 | 160,43 | 80 | 356,51 | – | – | 276,4 | 386,5 | 472,8 | 529,9 | 636,4 | 742,5 | 813,1 | 883,6 | 989,1 |

# Centre distances
## Section 14M

**Table 4m**

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 966 | 1190 | 1400 | 1610 | 1778 | 1890 | 2100 | 2310 | 2450 | 2590 | 2 800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **2,25** | 64 | 285,21 | 144 | 641,71 | – | – | – | – | – | – | – | – | – | 537,1 | 647,3 |
| **2,25** | 40 | 178,25 | 90 | 401,07 | – | – | – | 331,1 | 419,1 | 476,9 | 584,3 | 691,0 | 761,8 | 832,5 | 938,4 |
| **2,25** | 32 | 142,60 | 72 | 320,86 | – | – | 323,6 | 431,8 | 517,3 | 574,1 | 680,2 | 785,9 | 856,4 | 926,7 | 1032,1 |
| **2,27** | 30 | 133,69 | 68 | 303,03 | – | 236,7 | 346,6 | 454,1 | 539,3 | 596,0 | 701,9 | 807,6 | 877,9 | 948,2 | 1053,6 |
| **2,29** | 28 | 124,78 | 64 | 285,21 | – | 260,6 | 369,3 | 476,2 | 561,3 | 617,8 | 723,5 | 829,1 | 899,4 | 969,7 | 1075,0 |
| **2,33** | 72 | 320,86 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | – |
| **2,33** | 48 | 213,90 | 112 | 499,11 | – | – | – | – | – | – | 468,1 | 577,3 | 649,3 | 720,8 | 827,7 |
| **2,34** | 29 | 129,23 | 68 | 303,03 | – | 239,6 | 349,6 | 457,2 | 542,5 | 599,2 | 705,1 | 810,8 | 881,2 | 951,5 | 1056,9 |
| **2,35** | 34 | 151,52 | 80 | 356,51 | – | – | 282,2 | 392,5 | 479,0 | 536,2 | 642,8 | 749,0 | 819,6 | 890,1 | 995,7 |
| **2,37** | 38 | 169,34 | 90 | 401,07 | – | – | – | 336,9 | 425,1 | 483,0 | 590,6 | 697,4 | 768,2 | 839,0 | 944,9 |
| **2,40** | 80 | 356,51 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **2,40** | 60 | 267,38 | 144 | 641,71 | – | – | – | – | – | – | – | – | 473,5 | 548,8 | 659,2 |
| **2,40** | 30 | 133,69 | 72 | 320,86 | – | – | 329,6 | 438,0 | 523,6 | 580,4 | 686,6 | 792,5 | 862,9 | 933,3 | 1038,8 |
| **2,43** | 28 | 124,78 | 68 | 303,03 | – | 242,4 | 352,7 | 460,3 | 545,7 | 602,4 | 708,4 | 814,1 | 884,5 | 954,8 | 1060,3 |
| **2,47** | 68 | 303,03 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | – |
| **2,48** | 29 | 129,23 | 72 | 320,86 | – | – | 332,6 | 441,1 | 526,8 | 583,6 | 689,8 | 795,7 | 866,2 | 936,6 | 1042,1 |
| **2,50** | 36 | 160,43 | 90 | 401,07 | – | – | – | 342,6 | 431,1 | 489,1 | 596,8 | 703,7 | 774,6 | 845,4 | 951,4 |
| **2,50** | 32 | 142,60 | 80 | 356,51 | – | – | 287,9 | 398,6 | 485,2 | 542,4 | 649,2 | 755,4 | 826,1 | 896,6 | 1002,3 |
| **2,55** | 44 | 196,08 | 112 | 499,11 | – | – | – | – | – | 367,3 | 479,9 | 589,4 | 661,6 | 733,3 | 840,3 |
| **2,57** | 56 | 249,55 | 144 | 641,71 | – | – | – | – | – | – | – | – | 484,8 | 560,3 | 671,1 |
| **2,57** | 28 | 124,78 | 72 | 320,86 | – | – | 335,6 | 444,1 | 529,9 | 586,8 | 693,1 | 799,0 | 869,5 | 939,9 | 1045,4 |
| **2,63** | 64 | 285,21 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 537,2 |
| **2,65** | 34 | 151,52 | 90 | 401,07 | – | – | – | 348,4 | 437,1 | 495,2 | 603,0 | 710,0 | 781,0 | 851,8 | 957,9 |
| **2,67** | 72 | 320,86 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **2,67** | 30 | 133,69 | 80 | 356,51 | – | – | 293,6 | 404,6 | 491,3 | 548,6 | 655,5 | 761,8 | 832,5 | 903,1 | 1008,8 |
| **2,70** | 80 | 356,51 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **2,76** | 29 | 129,23 | 80 | 356,51 | – | – | 296,4 | 407,6 | 494,4 | 551,8 | 658,7 | 765,0 | 835,8 | 906,4 | 1012,1 |
| **2,77** | 52 | 231,73 | 144 | 641,71 | – | – | – | – | – | – | – | – | 496,0 | 571,8 | 683,0 |
| **2,80** | 60 | 267,38 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 548,3 |
| **2,80** | 40 | 178,25 | 112 | 499,11 | – | – | – | – | – | 378,5 | 491,6 | 601,5 | 673,8 | 745,7 | 852,9 |
| **2,81** | 32 | 142,60 | 90 | 401,07 | – | – | – | 354,1 | 443,0 | 501,2 | 609,2 | 716,3 | 787,4 | 858,3 | 964,3 |
| **2,82** | 68 | 303,03 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **2,86** | 28 | 124,78 | 80 | 356,51 | – | – | 299,3 | 410,5 | 497,4 | 554,9 | 661,8 | 768,2 | 839,0 | 909,6 | 1015,4 |
| **2,95** | 38 | 169,34 | 112 | 499,11 | – | – | – | – | – | 384,0 | 497,4 | 607,5 | 679,9 | 751,8 | 859,1 |
| **3,00** | 72 | 320,86 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **3,00** | 64 | 285,21 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **3,00** | 56 | 249,55 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 559,3 |
| **3,00** | 48 | 213,90 | 144 | 641,71 | – | – | – | – | – | – | – | – | 507,2 | 583,3 | 694,8 |
| **3,00** | 30 | 133,69 | 90 | 401,07 | – | – | – | 359,9 | 448,9 | 507,3 | 615,4 | 722,6 | 793,7 | 864,6 | 970,8 |
| **3,10** | 29 | 129,23 | 90 | 401,07 | – | – | – | 362,7 | 451,9 | 510,3 | 618,5 | 725,7 | 796,9 | 867,8 | 974,0 |
| **3,11** | 36 | 160,43 | 112 | 499,11 | – | – | – | – | – | 389,6 | 503,2 | 613,5 | 686,0 | 758,0 | 865,4 |
| **3,18** | 68 | 303,03 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **3,20** | 60 | 267,38 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **3,21** | 28 | 124,78 | 90 | 401,07 | – | – | – | 365,6 | 454,9 | 513,3 | 621,6 | 728,9 | 800,0 | 871,0 | 977,2 |
| **3,23** | 52 | 231,73 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 570,4 |
| **3,27** | 44 | 196,08 | 144 | 641,71 | – | – | – | – | – | – | – | 439,2 | 518,3 | 594,8 | 706,6 |
| **3,29** | 34 | 151,52 | 112 | 499,11 | – | – | – | – | – | 395,1 | 509,0 | 619,5 | 692,1 | 764,1 | 871,6 |
| **3,38** | 64 | 285,21 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **3,43** | 56 | 249,55 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **3,50** | 48 | 213,90 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 581,4 |
| **3,50** | 32 | 142,60 | 112 | 499,11 | – | – | – | – | 336,6 | 400,6 | 514,8 | 625,4 | 698,1 | 770,3 | 877,8 |
| **3,60** | 60 | 267,38 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **3,60** | 40 | 178,25 | 144 | 641,71 | – | – | – | – | – | – | – | 449,9 | 529,4 | 606,1 | 718,3 |
| **3,69** | 52 | 231,73 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **3,73** | 30 | 133,69 | 112 | 499,11 | – | – | – | – | 341,9 | 406,2 | 520,6 | 631,4 | 704,2 | 776,4 | 884,1 |
| **3,79** | 38 | 169,34 | 144 | 641,71 | – | – | – | – | – | – | – | 455,2 | 535,0 | 611,8 | 724,1 |
| **3,82** | 44 | 196,08 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | – | 592,3 |
| **3,86** | 56 | 249,55 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **3,86** | 29 | 129,23 | 112 | 499,11 | – | – | – | – | 344,6 | 408,9 | 523,5 | 634,3 | 707,2 | 779,5 | 887,2 |
| **4,00** | 48 | 213,90 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **4,00** | 36 | 160,43 | 144 | 641,71 | – | – | – | – | – | – | – | 460,6 | 540,5 | 617,5 | 730,0 |
| **4,00** | 28 | 124,78 | 112 | 499,11 | – | – | – | – | 347,2 | 411,7 | 526,4 | 637,3 | 710,2 | 782,5 | 890,3 |
| **4,15** | 52 | 231,73 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **4,20** | 40 | 178,25 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 479,3 | 603,2 |
| **4,24** | 34 | 151,52 | 144 | 641,71 | – | – | – | – | – | – | – | 465,9 | 546,0 | 623,1 | 735,8 |
| **4,36** | 44 | 196,08 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **4,42** | 38 | 169,34 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 484,5 | 608,7 |
| **4,50** | 48 | 213,90 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **4,50** | 32 | 142,60 | 144 | 641,71 | – | – | – | – | – | – | – | 471,2 | 551,5 | 628,8 | 741,6 |
| **4,67** | 36 | 160,43 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 489,7 | 614,1 |
| **4,80** | 40 | 178,25 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **4,80** | 30 | 133,69 | 144 | 641,71 | – | – | – | – | – | – | – | 476,5 | 557,0 | 634,4 | 747,4 |
| **4,91** | 44 | 196,08 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **4,94** | 34 | 151,52 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 494,8 | 619,6 |
| **4,97** | 29 | 129,23 | 144 | 641,71 | – | – | – | – | – | – | – | 479,2 | 559,8 | 637,3 | 750,3 |
| **5,05** | 38 | 169,34 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **5,14** | 28 | 124,78 | 144 | 641,71 | – | – | – | – | – | – | – | 481,9 | 562,5 | 640,1 | 753,2 |
| **5,25** | 32 | 142,60 | – | 748,66 | – | – | – | – | – | – | – | – | – | 500,0 | 625,0 |
| **5,33** | 36 | 160,43 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **5,40** | 40 | 178,25 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |

Table 4n

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 966 | 1190 | 1400 | 1610 | 1778 | 1890 | 2100 | 2310 | 2450 | 2590 | 2 800 |
| – | | mm | | mm | mm | | | | | | | | | | |
| **5,60** | 30 | 133,69 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 505,1 | 630,4 |
| **5,65** | 34 | 151,52 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **5,68** | 38 | 169,34 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **5,79** | 29 | 129,23 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 507,7 | 633,1 |
| **6,00** | 36 | 160,43 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **6,00** | 32 | 142,60 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **6,00** | 28 | 124,78 | 168 | 748,66 | – | – | – | – | – | – | – | – | – | 510,3 | 635,8 |
| **6,35** | 34 | 151,52 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **6,40** | 30 | 133,69 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **6,62** | 29 | 129,23 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **6,75** | 32 | 142,60 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **6,86** | 28 | 124,78 | 192 | 855,62 | – | – | – | – | – | – | – | – | – | – | – |
| **7,20** | 30 | 133,69 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **7,45** | 29 | 129,23 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |
| **7,71** | 28 | 124,78 | 216 | 962,57 | – | – | – | – | – | – | – | – | – | – | – |

# Centre distances
## Section 14M

Table 4o

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 3 150 | 3 360 | 3 500 | 3 850 | 4 326 | 4 578 | 4 956 | 5 320 | 5 740 | 6 160 | 6 860 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,00** | 80 | 356,61 | 80 | 356,61 | 1 015,0 | 1 120,0 | 1 190,0 | 1 365,0 | 1 603,0 | 1 729,0 | 1 918,0 | 2 100,0 | 2 310,0 | 2 520,0 | 2 870,0 |
| **1,00** | 72 | 320,86 | 72 | 320,86 | 1 071,0 | 1 176,0 | 1 246,0 | 1 421,0 | 1 659,0 | 1 785,0 | 1 974,0 | 2 156,0 | 2 366,0 | 2 576,0 | 2 926,0 |
| **1,00** | 68 | 303,03 | 68 | 303,03 | 1 099,0 | 1 204,0 | 1 274,0 | 1 449,0 | 1 687,0 | 1 813,0 | 2 002,0 | 2 184,0 | 2 394,0 | 2 604,0 | 2 954,0 |
| **1,00** | 64 | 285,21 | 64 | 285,21 | 1 127,0 | 1 232,0 | 1 302,0 | 1 477,0 | 1 715,0 | 1 841,0 | 2 030,0 | 2 212,0 | 2 422,0 | 2 632,0 | 2 982,0 |
| **1,00** | 60 | 267,38 | 60 | 267,38 | 1 155,0 | 1 260,0 | 1 330,0 | 1 505,0 | 1 743,0 | 1 869,0 | 2 058,0 | 2 240,0 | 2 450,0 | 2 660,0 | 3 010,0 |
| **1,00** | 56 | 249,55 | 56 | 249,55 | 1 183,0 | 1 288,0 | 1 358,0 | 1 533,0 | 1 771,0 | 1 897,0 | 2 086,0 | 2 268,0 | 2 478,0 | 2 688,0 | 3 038,0 |
| **1,00** | 52 | 231,73 | 52 | 231,73 | 1 211,0 | 1 316,0 | 1 386,0 | 1 561,0 | 1 799,0 | 1 925,0 | 2 114,0 | 2 296,0 | 2 506,0 | 2 716,0 | 3 066,0 |
| **1,00** | 48 | 213,90 | 48 | 213,90 | 1 239,0 | 1 344,0 | 1 414,0 | 1 589,0 | 1 827,0 | 1 953,0 | 2 142,0 | 2 324,0 | 2 534,0 | 2 744,0 | 3 094,0 |
| **1,00** | 44 | 196,08 | 44 | 196,08 | 1 267,0 | 1 372,0 | 1 442,0 | 1 617,0 | 1 855,0 | 1 981,0 | 2 170,0 | 2 352,0 | 2 562,0 | 2 772,0 | 3 122,0 |
| **1,00** | 40 | 178,25 | 40 | 178,25 | 1 295,0 | 1 400,0 | 1 470,0 | 1 645,0 | 1 883,0 | 2 009,0 | 2 198,0 | 2 380,0 | 2 590,0 | 2 800,0 | 3 150,0 |
| **1,00** | 38 | 169,34 | 38 | 169,34 | 1 309,0 | 1 414,0 | 1 484,0 | 1 659,0 | 1 897,0 | 2 023,0 | 2 212,0 | 2 394,0 | 2 604,0 | 2 814,0 | 3 164,0 |
| **1,00** | 36 | 160,43 | 36 | 160,43 | 1 323,0 | 1 428,0 | 1 498,0 | 1 673,0 | 1 911,0 | 2 037,0 | 2 226,0 | 2 408,0 | 2 618,0 | 2 828,0 | 3 178,0 |
| **1,00** | 34 | 151,52 | 34 | 151,52 | 1 337,0 | 1 442,0 | 1 512,0 | 1 687,0 | 1 925,0 | 2 051,0 | 2 240,0 | 2 422,0 | 2 632,0 | 2 842,0 | 3 192,0 |
| **1,00** | 32 | 142,60 | 32 | 142,60 | 1 351,0 | 1 456,0 | 1 526,0 | 1 701,0 | 1 939,0 | 2 065,0 | 2 254,0 | 2 436,0 | 2 646,0 | 2 856,0 | 3 206,0 |
| **1,00** | 30 | 133,69 | 30 | 133,69 | 1 365,0 | 1 470,0 | 1 540,0 | 1 715,0 | 1 953,0 | 2 079,0 | 2 268,0 | 2 450,0 | 2 660,0 | 2 870,0 | 3 220,0 |
| **1,00** | 29 | 129,23 | 29 | 129,23 | 1 372,0 | 1 477,0 | 1 547,0 | 1 722,0 | 1 960,0 | 2 086,0 | 2 275,0 | 2 457,0 | 2 667,0 | 2 877,0 | 3 227,0 |
| **1,00** | 28 | 124,78 | 28 | 124,78 | 1 379,0 | 1 484,0 | 1 554,0 | 1 729,0 | 1 967,0 | 2 093,0 | 2 282,0 | 2 464,0 | 2 674,0 | 2 884,0 | 3 234,0 |
| **1,03** | 29 | 129,23 | 30 | 133,69 | 1 368,5 | 1 473,5 | 1 543,5 | 1 718,5 | 1 956,5 | 2 082,5 | 2 271,5 | 2 453,5 | 2 663,5 | 2 873,5 | 3 223,5 |
| **1,04** | 28 | 124,78 | 29 | 129,23 | 1 375,5 | 1 480,5 | 1 550,5 | 1 725,5 | 1 963,5 | 2 089,5 | 2 278,5 | 2 460,5 | 2 670,5 | 2 880,5 | 3 230,5 |
| **1,05** | 38 | 169,34 | 40 | 178,25 | 1 302,0 | 1 407,0 | 1 477,0 | 1 652,0 | 1 890,0 | 2 016,1 | 2 205,0 | 2 387,0 | 2 597,0 | 2 807,0 | 3 157,0 |
| **1,06** | 68 | 303,03 | 72 | 320,86 | 1 085,0 | 1 190,0 | 1 260,0 | 1 435,0 | 1 673,0 | 1 799,0 | 1 988,0 | 2 170,0 | 2 380,0 | 2 590,0 | 2 940,0 |
| **1,06** | 64 | 285,21 | 68 | 303,03 | 1 113,0 | 1 218,0 | 1 288,0 | 1 463,0 | 1 701,0 | 1 827,0 | 2 016,0 | 2 198,0 | 2 408,0 | 2 618,0 | 2 968,0 |
| **1,06** | 36 | 160,43 | 38 | 169,34 | 1 316,0 | 1 421,0 | 1 491,0 | 1 666,0 | 1 904,0 | 2 030,0 | 2 219,1 | 2 401,0 | 2 611,0 | 2 821,0 | 3 171,0 |
| **1,06** | 34 | 151,52 | 36 | 160,43 | 1 330,0 | 1 435,0 | 1 505,0 | 1 680,1 | 1 918,0 | 2 044,0 | 2 233,0 | 2 415,0 | 2 625,0 | 2 835,0 | 3 185,0 |
| **1,06** | 32 | 142,60 | 34 | 151,52 | 1 344,0 | 1 449,0 | 1 519,0 | 1 694,0 | 1 932,0 | 2 058,1 | 2 247,0 | 2 429,0 | 2 639,0 | 2 849,0 | 3 199,0 |
| **1,07** | 60 | 267,38 | 64 | 285,21 | 1 141,0 | 1 246,0 | 1 316,0 | 1 491,0 | 1 729,0 | 1 855,0 | 2 044,0 | 2 226,0 | 2 436,0 | 2 646,1 | 2 996,1 |
| **1,07** | 56 | 249,55 | 60 | 267,38 | 1 169,0 | 1 274,0 | 1 344,0 | 1 519,0 | 1 757,0 | 1 883,0 | 2 072,0 | 2 254,0 | 2 464,0 | 2 674,0 | 3 024,0 |
| **1,07** | 30 | 133,69 | 32 | 142,60 | 1 358,0 | 1 463,0 | 1 533,0 | 1 708,0 | 1 946,0 | 2 072,0 | 2 261,0 | 2 443,0 | 2 653,0 | 2 863,0 | 3 213,0 |
| **1,07** | 28 | 124,78 | 30 | 133,69 | 1 372,0 | 1 477,0 | 1 547,0 | 1 722,1 | 1 960,0 | 2 086,0 | 2 275,0 | 2 457,0 | 2 667,0 | 2 877,0 | 3 227,0 |
| **1,08** | 52 | 231,73 | 56 | 249,55 | 1 197,0 | 1 302,0 | 1 372,0 | 1 547,0 | 1 785,0 | 1 911,0 | 2 100,0 | 2 282,0 | 2 492,0 | 2 702,0 | 3 052,1 |
| **1,08** | 48 | 213,90 | 52 | 231,73 | 1 225,0 | 1 330,0 | 1 400,0 | 1 575,0 | 1 813,0 | 1 939,0 | 2 128,0 | 2 310,0 | 2 520,0 | 2 730,0 | 3 080,0 |
| **1,09** | 44 | 196,08 | 48 | 213,90 | 1 253,0 | 1 358,0 | 1 428,0 | 1 603,0 | 1 841,0 | 1 967,0 | 2 156,0 | 2 338,0 | 2 548,0 | 2 758,1 | 3 108,1 |
| **1,10** | 40 | 178,25 | 44 | 196,08 | 1 281,0 | 1 386,0 | 1 456,0 | 1 631,0 | 1 869,0 | 1 995,0 | 2 184,0 | 2 366,0 | 2 576,0 | 2 786,0 | 3 136,1 |
| **1,10** | 29 | 129,23 | 32 | 142,60 | 1 361,5 | 1 466,5 | 1 536,5 | 1 711,5 | 1 949,5 | 2 075,6 | 2 264,6 | 2 446,6 | 2 656,6 | 2 866,6 | 3 216,6 |
| **1,11** | 72 | 320,86 | 80 | 356,51 | 1 042,9 | 1 147,9 | 1 217,9 | 1 392,9 | 1 630,9 | 1 756,9 | 1 945,9 | 2 127,9 | 2 338,0 | 2 548,0 | 2 898,0 |
| **1,11** | 36 | 160,43 | 40 | 178,25 | 1 309,0 | 1 414,0 | 1 484,0 | 1 659,0 | 1 897,0 | 2 023,0 | 2 212,0 | 2 394,0 | 2 604,0 | 2 814,1 | 3 164,0 |
| **1,12** | 34 | 151,52 | 38 | 169,34 | 1 323,0 | 1 428,0 | 1 498,0 | 1 673,0 | 1 911,0 | 2 037,0 | 2 226,0 | 2 408,0 | 2 618,0 | 2 828,0 | 3 178,0 |
| **1,13** | 80 | 356,51 | 90 | 401,07 | 979,7 | 1 084,8 | 1 154,8 | 1 329,8 | 1 567,9 | 1 693,9 | 1 882,9 | 2 064,9 | 2 274,9 | 2 484,9 | 2 834,9 |
| **1,13** | 64 | 285,21 | 72 | 320,86 | 1 098,9 | 1 203,9 | 1 273,9 | 1 448,9 | 1 686,9 | 1 812,9 | 2 001,9 | 2 183,9 | 2 393,9 | 2 604,0 | 2 954,0 |
| **1,13** | 60 | 267,38 | 68 | 303,03 | 1 126,9 | 1 231,9 | 1 301,9 | 1 476,9 | 1 714,9 | 1 840,9 | 2 029,9 | 2 211,9 | 2 421,9 | 2 632,0 | 2 982,0 |
| **1,13** | 32 | 142,60 | 36 | 160,43 | 1 337,0 | 1 442,0 | 1 512,0 | 1 687,0 | 1 925,0 | 2 051,0 | 2 240,0 | 2 422,0 | 2 632,0 | 2 842,1 | 3 192,0 |
| **1,13** | 30 | 133,69 | 34 | 151,52 | 1 351,0 | 1 456,0 | 1 526,0 | 1 701,0 | 1 939,0 | 2 065,0 | 2 254,0 | 2 436,0 | 2 646,1 | 2 856,0 | 3 206,0 |
| **1,14** | 56 | 249,55 | 64 | 285,21 | 1 154,9 | 1 259,9 | 1 329,9 | 1 504,9 | 1 742,9 | 1 868,9 | 2 057,9 | 2 240,0 | 2 449,9 | 2 660,0 | 3 010,0 |
| **1,14** | 28 | 124,78 | 32 | 142,60 | 1 365,0 | 1 470,0 | 1 540,0 | 1 715,0 | 1 953,0 | 2 079,0 | 2 268,0 | 2 450,0 | 2 660,0 | 2 870,1 | 3 220,0 |
| **1,15** | 52 | 231,73 | 60 | 267,38 | 1 182,9 | 1 287,9 | 1 357,9 | 1 532,9 | 1 770,9 | 1 896,9 | 2 085,9 | 2 267,9 | 2 478,0 | 2 688,0 | 3 038,0 |
| **1,16** | 38 | 169,34 | 44 | 196,08 | 1 287,9 | 1 392,9 | 1 463,0 | 1 638,0 | 1 876,0 | 2 002,0 | 2 191,0 | 2 373,0 | 2 583,0 | 2 793,0 | 3 143,0 |
| **1,17** | 48 | 213,90 | 56 | 249,55 | 1 210,9 | 1 315,9 | 1 385,9 | 1 560,9 | 1 798,9 | 1 924,9 | 2 113,9 | 2 296,0 | 2 505,9 | 2 716,0 | 3 066,0 |
| **1,17** | 29 | 129,23 | 34 | 151,52 | 1 354,5 | 1 459,5 | 1 529,5 | 1 704,5 | 1 942,5 | 2 068,5 | 2 257,5 | 2 439,5 | 2 649,5 | 2 859,5 | 3 209,5 |
| **1,18** | 68 | 303,03 | 80 | 356,51 | 1 056,7 | 1 161,7 | 1 231,7 | 1 406,7 | 1 644,8 | 1 770,8 | 1 959,8 | 2 141,8 | 2 351,9 | 2 561,9 | 2 911,9 |
| **1,18** | 44 | 196,08 | 52 | 231,73 | 1 238,9 | 1 343,9 | 1 413,9 | 1 588,9 | 1 826,9 | 1 952,9 | 2 141,9 | 2 323,9 | 2 533,9 | 2 743,9 | 3 094,0 |
| **1,18** | 34 | 151,52 | 40 | 178,25 | 1 315,9 | 1 420,9 | 1 490,9 | 1 666,0 | 1 904,0 | 2 030,0 | 2 219,0 | 2 401,0 | 2 611,0 | 2 821,0 | 3 171,0 |
| **1,19** | 32 | 142,60 | 38 | 169,34 | 1 329,9 | 1 434,9 | 1 504,9 | 1 680,0 | 1 918,0 | 2 044,0 | 2 233,0 | 2 415,0 | 2 625,0 | 2 835,0 | 3 185,0 |
| **1,20** | 60 | 267,38 | 72 | 320,86 | 1 112,7 | 1 217,7 | 1 287,7 | 1 462,8 | 1 700,8 | 1 826,8 | 2 015,8 | 2 197,8 | 2 407,9 | 2 617,9 | 2 967,9 |
| **1,20** | 40 | 178,25 | 48 | 213,90 | 1 266,9 | 1 371,9 | 1 441,9 | 1 616,9 | 1 854,9 | 1 980,9 | 2 169,9 | 2 352,0 | 2 561,9 | 2 772,0 | 3 122,0 |
| **1,20** | 30 | 133,69 | 36 | 160,43 | 1 343,9 | 1 449,0 | 1 518,9 | 1 693,9 | 1 932,0 | 2 058,0 | 2 247,0 | 2 429,0 | 2 639,0 | 2 849,0 | 3 199,0 |
| **1,21** | 56 | 249,55 | 68 | 303,03 | 1 140,7 | 1 245,7 | 1 315,7 | 1 490,8 | 1 728,8 | 1 854,8 | 2 043,8 | 2 225,8 | 2 435,9 | 2 645,9 | 2 995,9 |
| **1,21** | 28 | 124,78 | 34 | 151,52 | 1 357,9 | 1 463,0 | 1 533,0 | 1 708,0 | 1 946,0 | 2 072,0 | 2 261,0 | 2 443,0 | 2 653,0 | 2 863,0 | 3 213,0 |
| **1,22** | 36 | 160,43 | 44 | 196,08 | 1 294,9 | 1 399,9 | 1 469,9 | 1 644,9 | 1 882,9 | 2 008,9 | 2 197,9 | 2 379,9 | 2 590,0 | 2 800,0 | 3 150,0 |
| **1,23** | 52 | 231,73 | 64 | 285,21 | 1 168,7 | 1 273,7 | 1 343,7 | 1 518,8 | 1 756,8 | 1 882,8 | 2 071,8 | 2 253,9 | 2 463,9 | 2 673,9 | 3 023,9 |
| **1,24** | 29 | 129,23 | 36 | 160,43 | 1 347,4 | 1 452,4 | 1 522,4 | 1 697,4 | 1 935,4 | 2 061,4 | 2 250,5 | 2 432,5 | 2 642,5 | 2 852,5 | 3 202,5 |
| **1,25** | 72 | 320,86 | 90 | 401,07 | 1 007,2 | 1 112,3 | 1 182,3 | 1 357,4 | 1 595,5 | 1 721,5 | 1 910,6 | 2 092,6 | 2 302,7 | 2 512,7 | 2 862,7 |
| **1,25** | 64 | 285,21 | 80 | 356,51 | 1 070,4 | 1 175,5 | 1 245,5 | 1 420,6 | 1 658,6 | 1 784,7 | 1 973,7 | 2 155,7 | 2 365,7 | 2 575,8 | 2 925,8 |
| **1,25** | 48 | 213,90 | 60 | 267,38 | 1 196,7 | 1 301,7 | 1 371,7 | 1 546,8 | 1 784,8 | 1 910,8 | 2 099,8 | 2 281,8 | 2 491,9 | 2 701,9 | 3 051,9 |
| **1,25** | 32 | 142,60 | 40 | 178,25 | 1 322,9 | 1 427,9 | 1 497,9 | 1 672,9 | 1 910,9 | 2 036,9 | 2 225,9 | 2 407,9 | 2 618,0 | 2 828,0 | 3 178,0 |
| **1,26** | 38 | 169,34 | 48 | 213,90 | 1 273,8 | 1 378,8 | 1 448,8 | 1 623,9 | 1 861,9 | 1 987,9 | 2 176,9 | 2 358,9 | 2 568,9 | 2 778,9 | 3 129,0 |
| **1,27** | 44 | 196,08 | 56 | 249,55 | 1 224,7 | 1 329,7 | 1 399,7 | 1 574,8 | 1 812,8 | 1 938,8 | 2 127,8 | 2 309,9 | 2 519,9 | 2 729,9 | 3 079,9 |
| **1,27** | 30 | 133,69 | 38 | 169,34 | 1 336,9 | 1 441,9 | 1 511,9 | 1 686,9 | 1 924,9 | 2 050,9 | 2 240,0 | 2 421,9 | 2 632,0 | 2 842,0 | 3 192,0 |
| **1,29** | 56 | 249,55 | 72 | 320,86 | 1 126,4 | 1 231,5 | 1 301,5 | 1 476,6 | 1 714,6 | 1 840,7 | 2 029,7 | 2 211,7 | 2 421,7 | 2 631,8 | 2 981,8 |
| **1,29** | 34 | 151,52 | 44 | 196,08 | 1 301,8 | 1 406,8 | 1 476,8 | 1 651,9 | 1 889,9 | 2 015,9 | 2 204,9 | 2 386,9 | 2 596,9 | 2 806,9 | 3 156,9 |
| **1,29** | 28 | 124,78 | 36 | 160,43 | 1 350,9 | 1 455,9 | 1 525,9 | 1 700,9 | 1 938,9 | 2 064,9 | 2 253,9 | 2 435,9 | 2 645,9 | 2 856,0 | 3 206,0 |
| **1,30** | 40 | 178,25 | 52 | 231,73 | 1 252,7 | 1 357,7 | 1 427,8 | 1 602,8 | 1 840,8 | 1 966,8 | 2 155,8 | 2 337,9 | 2 547,9 | 2 757,9 | 3 107,9 |
| **1,31** | 52 | 231,73 | 68 | 303,03 | 1 154,5 | 1 259,5 | 1 329,5 | 1 504,6 | 1 742,6 | 1 868,7 | 2 057,7 | 2 239,7 | 2 449,8 | 2 659,8 | 3 009,8 |
| **1,31** | 29 | 129,23 | 38 | 169,34 | 1 340,4 | 1 445,4 | 1 515,4 | 1 690,4 | 1 928,4 | 2 054,4 | 2 243,4 | 2 425,4 | 2 635,5 | 2 845,5 | 3 195,4 |
| **1,32** | 68 | 303,03 | 90 | 401,07 | 1 020,8 | 1 125,9 | 1 196,0 | 1 371,1 | 1 609,3 | 1 735,3 | 1 924,4 | 2 106,4 | 2 316,5 | 2 526,5 | 2 876,6 |
| **1,33** | 60 | 267,38 | 80 | 356,51 | 1 084,1 | 1 189,2 | 1 259,2 | 1 434,3 | 1 672,4 | 1 798,5 | 1 987,5 | 2 169,6 | 2 379,6 | 2 589,6 | 2 939,7 |
| **1,33** | 48 | 213,90 | 64 | 285,21 | 1 182,5 | 1 287,5 | 1 357,5 | 1 532,6 | 1 770,6 | 1 896,7 | 2 085,7 | 2 267,7 | 2 477,8 | 2 687,8 | 3 037,8 |
| **1,33** | 36 | 160,43 | 48 | 213,90 | 1 280,7 | 1 385,7 | 1 455,8 | 1 630,8 | 1 868,8 | 1 994,8 | 2 183,8 | 2 365,8 | 2 575,9 | 2 785,9 | 3 135,9 |
| **1,33** | 30 | 133,69 | 40 | 178,25 | 1 329,8 | 1 434,8 | 1 504,8 | 1 679,9 | 1 917,9 | 2 043,9 | 2 232,9 | 2 414,9 | 2 624,9 | 2 834,9 | 3 184,9 |
| **1,36** | 44 | 196,08 | 60 | 267,38 | 1 210,5 | 1 315,5 | 1 385,5 | 1 560,6 | 1 798,7 | 1 924,7 | 2 113,7 | 2 295,7 | 2 505,8 | 2 715,8 | 3 065,8 |
| **1,36** | 28 | 124,78 | 38 | 169,34 | 1 343,8 | 1 448,8 | 1 518,8 | 1 693,9 | 1 931,9 | 2 057,9 | 2 246,9 | 2 428,9 | 2 638,9 | 2 848,9 | 3 198,9 |

Table 4p

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 3 150 | 3 360 | 3 500 | 3 850 | 4 326 | 4 578 | 4 956 | 5 320 | 5 740 | 6 160 | 6 860 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **1,37** | 38 | 169,34 | 52 | 231,73 | 1 259,6 | 1 364,6 | 1 434,7 | 1 609,7 | 1 847,7 | 1 973,8 | 2 162,8 | 2 344,8 | 2 554,8 | 2 764,8 | 3 114,8 |
| **1,38** | 52 | 231,73 | 72 | 320,86 | 1 140,1 | 1 245,2 | 1 315,2 | 1 490,3 | 1 728,4 | 1 854,5 | 2 043,5 | 2 225,6 | 2 435,6 | 2 645,6 | 2 995,7 |
| **1,38** | 32 | 142,60 | 44 | 196,08 | 1 308,7 | 1 413,7 | 1 483,8 | 1 658,8 | 1 896,8 | 2 022,8 | 2 211,9 | 2 393,9 | 2 603,9 | 2 813,9 | 3 163,9 |
| **1,38** | 29 | 129,23 | 40 | 178,25 | 1 333,3 | 1 438,3 | 1 508,3 | 1 683,3 | 1 921,4 | 2 047,4 | 2 236,4 | 2 418,4 | 2 628,4 | 2 838,4 | 3 188,4 |
| **1,40** | 80 | 356,51 | 112 | 499,11 | 900,2 | 1 005,5 | 1 075,6 | 1 251,0 | 1 489,3 | 1 615,4 | 1 804,6 | 1 986,7 | 2 196,8 | 2 406,9 | 2 757,1 |
| **1,40** | 40 | 178,25 | 56 | 249,55 | 1 238,5 | 1 343,5 | 1 413,6 | 1 588,6 | 1 826,7 | 1 952,7 | 2 141,7 | 2 323,7 | 2 533,7 | 2 743,8 | 3 093,8 |
| **1,41** | 64 | 285,21 | 90 | 401,07 | 1 034,4 | 1 139,5 | 1 209,6 | 1 384,8 | 1 623,0 | 1 749,0 | 1 938,1 | 2 120,2 | 2 330,3 | 2 540,3 | 2 890,4 |
| **1,41** | 34 | 151,52 | 48 | 213,90 | 1 287,6 | 1 392,7 | 1 462,7 | 1 637,7 | 1 875,8 | 2 001,8 | 2 190,8 | 2 372,8 | 2 582,8 | 2 792,9 | 3 142,9 |
| **1,42** | 48 | 213,90 | 68 | 303,03 | 1 168,2 | 1 273,2 | 1 343,3 | 1 518,3 | 1 756,4 | 1 882,5 | 2 071,5 | 2 253,6 | 2 463,6 | 2 673,6 | 3 023,7 |
| **1,43** | 56 | 249,55 | 80 | 356,51 | 1 097,7 | 1 202,8 | 1 272,9 | 1 448,0 | 1 686,2 | 1 812,2 | 2 001,3 | 2 183,4 | 2 393,4 | 2 603,5 | 2 953,5 |
| **1,43** | 28 | 124,78 | 40 | 178,25 | 1 336,7 | 1 441,8 | 1 511,8 | 1 686,8 | 1 924,8 | 2 050,8 | 2 239,9 | 2 421,9 | 2 631,9 | 2 841,9 | 3 191,9 |
| **1,44** | 36 | 160,43 | 52 | 231,73 | 1 266,5 | 1 371,5 | 1 441,6 | 1 616,6 | 1 854,7 | 1 980,7 | 2 169,7 | 2 351,7 | 2 561,8 | 2 771,8 | 3 121,8 |
| **1,45** | 44 | 196,08 | 64 | 285,21 | 1 196,2 | 1 301,2 | 1 371,3 | 1 546,4 | 1 784,4 | 1 910,5 | 2 099,5 | 2 281,6 | 2 491,6 | 2 701,6 | 3 051,7 |
| **1,47** | 38 | 169,34 | 56 | 249,55 | 1 245,4 | 1 350,4 | 1 420,4 | 1 595,5 | 1 833,6 | 1 959,6 | 2 148,6 | 2 330,7 | 2 540,7 | 2 750,7 | 3 100,7 |
| **1,47** | 30 | 133,69 | 44 | 196,08 | 1 315,6 | 1 420,7 | 1 490,7 | 1 665,7 | 1 903,7 | 2 029,8 | 2 218,8 | 2 400,8 | 2 610,8 | 2 820,8 | 3 170,9 |
| **1,50** | 60 | 267,38 | 90 | 401,07 | 1 047,9 | 1 153,1 | 1 223,2 | 1 398,4 | 1 636,6 | 1 762,7 | 1 951,9 | 2 134,0 | 2 344,0 | 2 554,1 | 2 904,2 |
| **1,50** | 48 | 213,90 | 72 | 320,86 | 1 153,8 | 1 258,9 | 1 328,9 | 1 504,1 | 1 742,2 | 1 868,2 | 2 057,3 | 2 239,4 | 2 449,4 | 2 659,5 | 3 009,5 |
| **1,50** | 40 | 178,25 | 60 | 267,38 | 1 224,2 | 1 329,3 | 1 399,3 | 1 574,4 | 1 812,5 | 1 938,5 | 2 127,5 | 2 309,6 | 2 519,6 | 2 729,7 | 3 079,7 |
| **1,50** | 32 | 142,60 | 48 | 213,90 | 1 294,5 | 1 399,5 | 1 469,6 | 1 644,6 | 1 882,7 | 2 008,7 | 2 197,7 | 2 379,7 | 2 589,8 | 2 799,8 | 3 149,8 |
| **1,52** | 29 | 129,23 | 44 | 196,08 | 1 319,1 | 1 424,1 | 1 494,1 | 1 669,2 | 1 907,2 | 2 033,2 | 2 222,3 | 2 404,3 | 2 614,3 | 2 824,3 | 3 174,3 |
| **1,53** | 34 | 151,52 | 52 | 231,73 | 1 273,4 | 1 378,4 | 1 448,4 | 1 623,5 | 1 861,6 | 1 987,6 | 2 176,6 | 2 358,7 | 2 568,7 | 2 778,7 | 3 128,8 |
| **1,54** | 52 | 231,73 | 80 | 356,51 | 1 111,2 | 1 216,4 | 1 286,5 | 1 461,7 | 1 699,9 | 1 825,9 | 2 015,0 | 2 197,1 | 2 407,2 | 2 617,3 | 2 967,4 |
| **1,55** | 44 | 196,08 | 68 | 303,03 | 1 181,8 | 1 286,9 | 1 356,9 | 1 532,1 | 1 770,2 | 1 896,2 | 2 085,3 | 2 267,4 | 2 477,4 | 2 687,5 | 3 037,5 |
| **1,56** | 72 | 320,86 | 112 | 499,11 | 926,7 | 1 032,1 | 1 102,4 | 1 277,9 | 1 516,4 | 1 642,6 | 1 831,8 | 2 014,0 | 2 224,2 | 2 434,4 | 2 784,6 |
| **1,56** | 36 | 160,43 | 56 | 249,55 | 1 252,2 | 1 357,3 | 1 427,3 | 1 602,4 | 1 840,5 | 1 966,5 | 2 155,5 | 2 337,6 | 2 547,6 | 2 757,7 | 3 107,7 |
| **1,57** | 28 | 124,78 | 44 | 196,08 | 1 322,5 | 1 427,6 | 1 497,6 | 1 672,6 | 1 910,7 | 2 036,7 | 2 225,7 | 2 407,7 | 2 617,8 | 2 827,8 | 3 177,8 |
| **1,58** | 38 | 169,34 | 60 | 267,38 | 1 231,0 | 1 336,1 | 1 406,1 | 1 581,2 | 1 819,3 | 1 945,4 | 2 134,4 | 2 316,5 | 2 526,5 | 2 736,6 | 3 086,6 |
| **1,60** | 40 | 178,25 | 64 | 285,21 | 1 209,8 | 1 314,9 | 1 385,0 | 1 560,1 | 1 798,2 | 1 924,3 | 2 113,3 | 2 295,4 | 2 505,4 | 2 715,5 | 3 065,5 |
| **1,60** | 30 | 133,69 | 48 | 213,90 | 1 301,4 | 1 406,4 | 1 476,5 | 1 651,5 | 1 889,6 | 2 015,6 | 2 204,6 | 2 386,7 | 2 596,7 | 2 806,7 | 3 156,8 |
| **1,61** | 56 | 249,55 | 90 | 401,07 | 1 061,3 | 1 166,5 | 1 236,7 | 1 412,0 | 1 650,3 | 1 776,4 | 1 965,5 | 2 147,7 | 2 357,8 | 2 567,9 | 2 918,0 |
| **1,63** | 32 | 142,60 | 52 | 231,73 | 1 280,2 | 1 385,3 | 1 455,3 | 1 630,4 | 1 868,5 | 1 994,5 | 2 183,6 | 2 365,6 | 2 575,6 | 2 785,6 | 3 135,7 |
| **1,64** | 44 | 196,08 | 72 | 320,86 | 1 167,3 | 1 272,5 | 1 342,6 | 1 517,7 | 1 755,9 | 1 882,0 | 2 071,1 | 2 253,1 | 2 463,2 | 2 673,3 | 3 023,4 |
| **1,65** | 68 | 303,03 | 112 | 499,11 | 939,9 | 1 045,4 | 1 115,7 | 1 291,3 | 1 529,9 | 1 656,1 | 1 845,4 | 2 027,6 | 2 237,9 | 2 448,0 | 2 798,3 |
| **1,65** | 34 | 151,52 | 56 | 249,55 | 1 259,0 | 1 364,1 | 1 434,2 | 1 609,3 | 1 847,4 | 1 973,4 | 2 162,4 | 2 344,5 | 2 554,5 | 2 764,6 | 3 114,6 |
| **1,66** | 29 | 129,23 | 48 | 213,90 | 1 304,8 | 1 409,9 | 1 479,9 | 1 655,0 | 1 893,0 | 2 019,1 | 2 208,1 | 2 390,1 | 2 600,2 | 2 810,2 | 3 160,2 |
| **1,67** | 48 | 213,90 | 80 | 356,51 | 1 124,7 | 1 229,9 | 1 300,0 | 1 475,3 | 1 713,5 | 1 839,6 | 2 028,8 | 2 210,9 | 2 421,0 | 2 631,0 | 2 981,2 |
| **1,67** | 36 | 160,43 | 60 | 267,38 | 1 237,8 | 1 342,9 | 1 413,0 | 1 588,1 | 1 826,2 | 1 952,3 | 2 141,3 | 2 323,4 | 2 533,4 | 2 743,5 | 3 093,5 |
| **1,68** | 38 | 169,34 | 64 | 285,21 | 1 216,6 | 1 321,7 | 1 391,8 | 1 566,9 | 1 805,1 | 1 931,1 | 2 120,2 | 2 302,3 | 2 512,3 | 2 722,4 | 3 072,5 |
| **1,70** | 40 | 178,25 | 68 | 303,03 | 1 195,4 | 1 300,5 | 1 370,6 | 1 545,7 | 1 783,9 | 1 910,0 | 2 099,1 | 2 281,1 | 2 491,2 | 2 701,3 | 3 051,4 |
| **1,71** | 28 | 124,78 | 48 | 213,90 | 1 308,2 | 1 413,3 | 1 483,3 | 1 658,4 | 1 896,5 | 2 022,5 | 2 211,6 | 2 393,6 | 2 603,6 | 2 813,7 | 3 163,7 |
| **1,73** | 52 | 231,73 | 90 | 401,07 | 1 074,7 | 1 180,0 | 1 250,1 | 1 425,5 | 1 663,8 | 1 790,0 | 1 979,2 | 2 161,3 | 2 371,5 | 2 581,6 | 2 931,8 |
| **1,73** | 30 | 133,69 | 52 | 231,73 | 1 287,1 | 1 392,1 | 1 462,2 | 1 637,3 | 1 875,4 | 2 001,4 | 2 190,5 | 2 372,5 | 2 582,5 | 2 792,6 | 3 142,6 |
| **1,75** | 64 | 285,21 | 112 | 499,11 | 953,0 | 1 058,6 | 1 128,9 | 1 304,6 | 1 543,3 | 1 669,6 | 1 858,9 | 2 041,2 | 2 251,5 | 2 461,7 | 2 812,0 |
| **1,75** | 32 | 142,60 | 56 | 249,55 | 1 265,9 | 1 371,0 | 1 441,0 | 1 616,1 | 1 854,2 | 1 980,3 | 2 169,3 | 2 351,4 | 2 561,4 | 2 771,5 | 3 121,5 |
| **1,76** | 34 | 151,52 | 60 | 267,38 | 1 244,7 | 1 349,8 | 1 419,8 | 1 594,9 | 1 833,1 | 1 959,1 | 2 148,2 | 2 330,3 | 2 540,4 | 2 750,4 | 3 100,5 |
| **1,78** | 36 | 160,43 | 64 | 285,21 | 1 223,4 | 1 328,5 | 1 398,6 | 1 573,8 | 1 811,0 | 1 938,0 | 2 127,1 | 2 309,2 | 2 519,2 | 2 729,3 | 3 079,4 |
| **1,79** | 38 | 169,34 | 68 | 303,03 | 1 202,1 | 1 307,3 | 1 377,4 | 1 552,6 | 1 790,8 | 1 916,8 | 2 105,9 | 2 288,0 | 2 498,1 | 2 708,2 | 3 058,3 |
| **1,79** | 29 | 129,23 | 52 | 231,73 | 1 290,5 | 1 395,6 | 1 465,6 | 1 640,7 | 1 878,8 | 2 004,8 | 2 193,9 | 2 376,0 | 2 586,0 | 2 796,0 | 3 146,1 |
| **1,80** | 80 | 356,51 | 144 | 641,71 | 777,9 | 884,5 | 955,3 | 1 132,0 | 1 371,6 | 1 498,2 | 1 688,0 | 1 870,6 | 2 081,1 | 2 291,6 | 2 642,2 |
| **1,80** | 40 | 178,25 | 72 | 320,86 | 1 180,8 | 1 286,0 | 1 356,1 | 1 531,3 | 1 769,6 | 1 895,7 | 2 084,8 | 2 266,9 | 2 477,0 | 2 687,1 | 3 037,2 |
| **1,82** | 44 | 196,08 | 80 | 356,51 | 1 138,2 | 1 243,4 | 1 313,6 | 1 488,8 | 1 727,1 | 1 853,3 | 2 042,4 | 2 224,6 | 2 434,7 | 2 644,8 | 2 994,9 |
| **1,86** | 28 | 124,78 | 52 | 231,73 | 1 293,9 | 1 399,0 | 1 469,0 | 1 644,1 | 1 882,2 | 2 008,3 | 2 197,4 | 2 379,4 | 2 589,5 | 2 799,5 | 3 149,6 |
| **1,87** | 60 | 267,38 | 112 | 499,11 | 966,0 | 1 071,7 | 1 142,1 | 1 317,9 | 1 556,7 | 1 683,0 | 1 872,4 | 2 054,7 | 2 265,0 | 2 475,3 | 2 825,6 |
| **1,87** | 30 | 133,69 | 56 | 249,55 | 1 272,7 | 1 377,8 | 1 447,8 | 1 623,0 | 1 861,1 | 1 987,2 | 2 176,2 | 2 358,3 | 2 568,3 | 2 778,4 | 3 128,5 |
| **1,88** | 48 | 213,90 | 90 | 401,07 | 1 088,0 | 1 193,3 | 1 263,5 | 1 439,0 | 1 677,4 | 1 803,6 | 1 992,8 | 2 175,0 | 2 385,2 | 2 595,3 | 2 945,5 |
| **1,88** | 34 | 151,52 | 64 | 285,21 | 1 230,2 | 1 335,3 | 1 405,4 | 1 580,6 | 1 818,8 | 1 944,9 | 2 134,0 | 2 316,0 | 2 526,1 | 2 736,2 | 3 086,3 |
| **1,88** | 32 | 142,60 | 60 | 267,38 | 1 251,4 | 1 356,6 | 1 426,6 | 1 601,8 | 1 839,9 | 1 966,0 | 2 155,1 | 2 337,2 | 2 547,2 | 2 757,3 | 3 107,4 |
| **1,89** | 38 | 169,34 | 72 | 320,86 | 1 187,6 | 1 292,8 | 1 362,9 | 1 538,1 | 1 776,4 | 1 902,5 | 2 091,6 | 2 273,7 | 2 483,8 | 2 693,9 | 3 044,1 |
| **1,89** | 36 | 160,43 | 68 | 303,03 | 1 208,9 | 1 314,1 | 1 384,2 | 1 559,4 | 1 797,6 | 1 923,7 | 2 112,8 | 2 294,9 | 2 505,0 | 2 715,1 | 3 065,2 |
| **1,93** | 29 | 129,23 | 56 | 249,55 | 1 276,1 | 1 381,2 | 1 451,3 | 1 626,4 | 1 864,5 | 1 990,6 | 2 179,7 | 2 361,7 | 2 571,8 | 2 781,9 | 3 131,9 |
| **2,00** | 72 | 320,86 | 144 | 641,71 | 802,9 | 909,8 | 980,9 | 1 157,9 | 1 397,8 | 1 524,6 | 1 714,5 | 1 897,2 | 2 107,9 | 2 318,4 | 2 669,2 |
| **2,00** | 56 | 249,55 | 112 | 499,11 | 979,0 | 1 084,8 | 1 155,3 | 1 331,1 | 1 570,0 | 1 696,4 | 1 885,9 | 2 068,2 | 2 278,6 | 2 488,9 | 2 839,3 |
| **2,00** | 40 | 178,25 | 80 | 356,51 | 1 151,6 | 1 256,8 | 1 327,0 | 1 502,4 | 1 740,7 | 1 866,9 | 2 056,1 | 2 238,2 | 2 448,4 | 2 658,5 | 3 008,7 |
| **2,00** | 36 | 160,43 | 72 | 320,86 | 1 194,3 | 1 299,5 | 1 369,7 | 1 544,9 | 1 783,2 | 1 909,3 | 2 098,5 | 2 280,6 | 2 490,7 | 2 700,8 | 3 051,0 |
| **2,00** | 34 | 151,52 | 68 | 303,03 | 1 215,6 | 1 320,8 | 1 390,9 | 1 566,2 | 1 804,4 | 1 930,5 | 2 119,7 | 2 301,8 | 2 511,9 | 2 721,9 | 3 072,1 |
| **2,00** | 32 | 142,60 | 64 | 285,21 | 1 236,9 | 1 342,1 | 1 412,2 | 1 587,4 | 1 825,6 | 1 951,7 | 2 140,8 | 2 322,9 | 2 533,0 | 2 743,1 | 3 093,2 |
| **2,00** | 30 | 133,69 | 60 | 267,38 | 1 258,2 | 1 363,4 | 1 433,4 | 1 608,6 | 1 846,8 | 1 972,9 | 2 162,0 | 2 344,0 | 2 554,1 | 2 764,2 | 3 114,3 |
| **2,00** | 28 | 124,78 | 56 | 249,55 | 1 279,5 | 1 384,6 | 1 454,7 | 1 629,8 | 1 868,0 | 1 994,0 | 2 183,1 | 2 365,2 | 2 575,2 | 2 785,3 | 3 135,4 |
| **2,05** | 44 | 196,08 | 90 | 401,07 | 1 101,2 | 1 206,6 | 1 276,9 | 1 452,4 | 1 690,9 | 1 817,1 | 2 006,4 | 2 188,6 | 2 398,8 | 2 609,0 | 2 959,2 |
| **2,07** | 29 | 129,23 | 60 | 267,38 | 1 261,6 | 1 366,8 | 1 436,8 | 1 612,0 | 1 850,2 | 1 976,3 | 2 165,4 | 2 347,5 | 2 557,6 | 2 767,6 | 3 117,7 |
| **2,10** | 80 | 356,51 | 168 | 748,66 | 678,5 | 787,5 | 859,5 | 1 038,4 | 1 280,0 | 1 407,3 | 1 598,0 | 1 781,2 | 1 992,3 | 2 203,3 | 2 554,5 |
| **2,11** | 38 | 169,34 | 80 | 356,51 | 1 158,2 | 1 263,5 | 1 333,7 | 1 509,1 | 1 747,5 | 1 873,7 | 2 062,9 | 2 245,1 | 2 455,2 | 2 665,4 | 3 015,5 |
| **2,12** | 68 | 303,03 | 144 | 641,71 | 815,4 | 922,4 | 993,5 | 1 170,7 | 1 410,8 | 1 537,7 | 1 727,7 | 1 910,5 | 2 121,2 | 2 331,9 | 2 682,7 |
| **2,12** | 34 | 151,52 | 72 | 320,86 | 1 201,0 | 1 306,3 | 1 376,4 | 1 551,7 | 1 790,0 | 1 916,1 | 2 105,3 | 2 287,4 | 2 497,6 | 2 707,7 | 3 057,8 |
| **2,13** | 32 | 142,60 | 68 | 303,03 | 1 222,4 | 1 327,6 | 1 397,7 | 1 573,0 | 1 811,2 | 1 937,3 | 2 126,5 | 2 308,6 | 2 518,7 | 2 728,8 | 3 079,0 |
| **2,13** | 30 | 133,69 | 64 | 285,21 | 1 243,7 | 1 348,9 | 1 419,0 | 1 594,2 | 1 832,4 | 1 958,5 | 2 147,7 | 2 329,8 | 2 539,9 | 2 750,0 | 3 100,1 |
| **2,14** | 28 | 124,78 | 60 | 267,38 | 1 265,0 | 1 370,1 | 1 440,2 | 1 615,4 | 1 853,6 | 1 979,7 | 2 168,8 | 2 350,9 | 2 561,0 | 2 771,1 | 3 121,2 |
| **2,15** | 52 | 231,73 | 112 | 499,11 | 992,0 | 1 097,9 | 1 168,3 | 1 344,3 | 1 583,4 | 1 709,8 | 1 899,3 | 2 081,7 | 2 292,1 | 2 502,4 | 2 852,9 |
| **2,21** | 29 | 129,23 | 64 | 285,21 | 1 247,1 | 1 352,3 | 1 422,4 | 1 597,6 | 1 835,8 | 1 962,0 | 2 151,1 | 2 333,2 | 2 543,3 | 2 753,4 | 3 103,5 |
| **2,22** | 36 | 160,43 | 80 | 356,51 | 1 164,9 | 1 270,2 | 1 340,4 | 1 515,8 | 1 754,3 | 1 880,4 | 2 069,7 | 2 251,9 | 2 462,0 | 2 672,2 | 3 022,4 |

Table 4q

| Speed ratio | Driver Number of teeth | Pitch diameter | Driven Number of teeth | Pitch diameter | Belt length 3 150 | 3 360 | 3 500 | 3 850 | 4 326 | 4 578 | 4 956 | 5 320 | 5 740 | 6 160 | 6 860 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | | mm | | mm | mm | | | | | | | | | | |
| **2,25** | 64 | 285,21 | 144 | 641,71 | 827,7 | 935,0 | 1 006,2 | 1 183,6 | 1 423,8 | 1 550,7 | 1 740,9 | 1 923,7 | 2 134,6 | 2 345,2 | 2 696,1 |
| **2,25** | 40 | 178,25 | 90 | 401,07 | 1 114,4 | 1 219,9 | 1 290,2 | 1 465,8 | 1 704,4 | 1 830,6 | 2 019,9 | 2 202,2 | 2 412,4 | 2 622,6 | 2 972,9 |
| **2,25** | 32 | 142,60 | 72 | 320,86 | 1 207,7 | 1 313,0 | 1 383,1 | 1 558,5 | 1 796,8 | 1 922,9 | 2 112,1 | 2 294,3 | 2 504,4 | 2 714,5 | 3 064,7 |
| **2,27** | 30 | 133,69 | 68 | 303,03 | 1 229,1 | 1 334,3 | 1 404,4 | 1 579,7 | 1 818,0 | 1 944,2 | 2 133,3 | 2 315,5 | 2 525,6 | 2 735,7 | 3 085,8 |
| **2,29** | 28 | 124,78 | 64 | 285,21 | 1 250,4 | 1 355,6 | 1 425,7 | 1 601,0 | 1 839,3 | 1 965,4 | 2 154,5 | 2 336,6 | 2 546,7 | 2 756,8 | 3 107,0 |
| **2,33** | 72 | 320,86 | 168 | 748,66 | 702,2 | 811,6 | 884,0 | 1 063,4 | 1 305,4 | 1 433,0 | 1 623,9 | 1 807,3 | 2 018,7 | 2 229,7 | 2 581,1 |
| **2,33** | 48 | 213,90 | 112 | 499,11 | 1 004,9 | 1 110,8 | 1 181,4 | 1 357,5 | 1 596,6 | 1 723,1 | 1 912,7 | 2 095,1 | 2 305,6 | 2 516,0 | 2 866,5 |
| **2,34** | 29 | 129,23 | 68 | 303,03 | 1 232,4 | 1 337,7 | 1 407,8 | 1 583,1 | 1 821,4 | 1 947,6 | 2 136,7 | 2 318,9 | 2 529,0 | 2 739,1 | 3 089,3 |
| **2,35** | 34 | 151,52 | 80 | 356,51 | 1 171,5 | 1 276,9 | 1 347,1 | 1 522,5 | 1 761,0 | 1 887,2 | 2 076,5 | 2 258,7 | 2 468,9 | 2 679,0 | 3 029,3 |
| **2,37** | 38 | 169,34 | 90 | 401,07 | 1 121,0 | 1 226,5 | 1 296,8 | 1 472,4 | 1 711,1 | 1 837,3 | 2 026,7 | 2 209,0 | 2 419,2 | 2 629,5 | 2 979,7 |
| **2,40** | 80 | 356,51 | 192 | 855,62 | – | 681,8 | 756,4 | 939,7 | 1 184,6 | 1 313,2 | 1 505,3 | 1 689,5 | 1 901,6 | 2 113,2 | 2 465,4 |
| **2,40** | 60 | 267,38 | 144 | 641,71 | 840,1 | 947,5 | 1 018,8 | 1 196,3 | 1 436,8 | 1 563,8 | 1 754,0 | 1 937,0 | 2 147,8 | 2 358,6 | 2 709,5 |
| **2,40** | 30 | 133,69 | 72 | 320,86 | 1 214,4 | 1 319,7 | 1 389,8 | 1 565,2 | 1 803,6 | 1 929,7 | 2 118,9 | 2 301,1 | 2 511,3 | 2 721,4 | 3 071,6 |
| **2,43** | 28 | 124,78 | 68 | 303,03 | 1 235,8 | 1 341,0 | 1 411,2 | 1 586,5 | 1 824,8 | 1 951,0 | 2 140,1 | 2 322,3 | 2 532,4 | 2 742,6 | 3 092,7 |
| **2,47** | 68 | 303,03 | 168 | 748,66 | 713,9 | 823,7 | 896,2 | 1 075,8 | 1 318,1 | 1 445,8 | 1 636,8 | 1 820,3 | 2 031,8 | 2 242,9 | 2 594,4 |
| **2,48** | 29 | 129,23 | 72 | 320,86 | 1 217,7 | 1 323,0 | 1 393,2 | 1 568,6 | 1 807,0 | 1 933,1 | 2 122,3 | 2 304,5 | 2 514,7 | 2 724,8 | 3 075,0 |
| **2,50** | 36 | 160,43 | 90 | 401,07 | 1 127,6 | 1 233,1 | 1 303,4 | 1 479,1 | 1 717,8 | 1 844,1 | 2 033,4 | 2 215,7 | 2 426,0 | 2 636,3 | 2 986,6 |
| **2,50** | 32 | 142,60 | 80 | 356,51 | 1 178,1 | 1 283,5 | 1 353,8 | 1 529,3 | 1 767,8 | 1 894,0 | 2 083,3 | 2 265,5 | 2 475,7 | 2 685,9 | 3 036,1 |
| **2,55** | 44 | 196,08 | 112 | 499,11 | 1 017,7 | 1 123,8 | 1 194,4 | 1 370,6 | 1 609,9 | 1 736,4 | 1 926,0 | 2 108,6 | 2 319,1 | 2 529,5 | 2 880,0 |
| **2,57** | 56 | 249,55 | 144 | 641,71 | 852,3 | 959,9 | 1 031,3 | 1 209,1 | 1 449,7 | 1 576,8 | 1 767,1 | 1 950,1 | 2 161,1 | 2 371,9 | 2 722,9 |
| **2,57** | 28 | 124,78 | 72 | 320,86 | 1 221,1 | 1 326,4 | 1 396,6 | 1 571,9 | 1 810,3 | 1 936,5 | 2 125,7 | 2 307,9 | 2 518,1 | 2 728,2 | 3 078,4 |
| **2,63** | 64 | 285,21 | 168 | 748,66 | 725,7 | 835,7 | 908,3 | 1 088,2 | 1 330,8 | 1 458,6 | 1 649,7 | 1 833,3 | 2 044,9 | 2 256,1 | 2 607,7 |
| **2,65** | 34 | 151,52 | 90 | 401,07 | 1 134,1 | 1 239,7 | 1 310,1 | 1 485,8 | 1 724,5 | 1 850,8 | 2 040,2 | 2 222,5 | 2 432,8 | 2 643,1 | 2 993,4 |
| **2,67** | 72 | 320,86 | 192 | 855,62 | – | 704,6 | 779,7 | 963,7 | 1 209,3 | 1 338,2 | 1 530,6 | 1 715,1 | 1 927,4 | 2 139,3 | 2 491,6 |
| **2,67** | 30 | 133,69 | 80 | 356,51 | 1 184,8 | 1 290,2 | 1 360,4 | 1 536,0 | 1 774,5 | 1 900,7 | 2 090,0 | 2 272,3 | 2 482,5 | 2 692,7 | 3 043,0 |
| **2,70** | 80 | 356,51 | 216 | 962,57 | – | – | – | 833,3 | 1 084,4 | 1 215,0 | 1 409,3 | 1 595,1 | 1 808,6 | 2 021,2 | 2 374,6 |
| **2,76** | 29 | 129,23 | 80 | 356,51 | 1 188,1 | 1 293,5 | 1 363,8 | 1 539,3 | 1 777,9 | 1 904,1 | 2 093,4 | 2 275,7 | 2 485,9 | 2 696,1 | 3 046,4 |
| **2,77** | 52 | 231,73 | 144 | 641,71 | 864,6 | 972,3 | 1 043,8 | 1 221,8 | 1 462,6 | 1 589,8 | 1 780,2 | 1 963,3 | 2 174,3 | 2 385,2 | 2 736,3 |
| **2,80** | 60 | 267,38 | 168 | 748,66 | 737,4 | 847,6 | 920,4 | 1 100,6 | 1 343,4 | 1 471,3 | 1 662,6 | 1 846,3 | 2 057,9 | 2 269,2 | 2 620,9 |
| **2,80** | 40 | 178,25 | 112 | 499,11 | 1 030,5 | 1 136,7 | 1 207,3 | 1 383,7 | 1 623,1 | 1 749,6 | 1 939,4 | 2 121,9 | 2 332,5 | 2 542,9 | 2 893,6 |
| **2,81** | 32 | 142,60 | 90 | 401,07 | 1 140,7 | 1 246,3 | 1 316,7 | 1 492,4 | 1 731,2 | 1 857,5 | 2 046,9 | 2 229,3 | 2 439,6 | 2 649,8 | 3 000,2 |
| **2,82** | 68 | 303,03 | 192 | 855,62 | 600,2 | 716,0 | 791,3 | 975,6 | 1 221,6 | 1 350,6 | 1 543,2 | 1 727,9 | 1 940,3 | 2 152,2 | 2 504,7 |
| **2,86** | 28 | 124,78 | 80 | 356,51 | 1 191,4 | 1 296,8 | 1 367,1 | 1 542,6 | 1 781,2 | 1 907,5 | 2 096,8 | 2 279,1 | 2 489,3 | 2 699,5 | 3 049,8 |
| **2,95** | 38 | 169,34 | 112 | 499,11 | 1 036,9 | 1 143,1 | 1 213,8 | 1 390,2 | 1 629,7 | 1 756,3 | 1 946,0 | 2 128,6 | 2 339,2 | 2 549,7 | 2 900,3 |
| **3,00** | 72 | 320,86 | 216 | 962,57 | – | – | 662,7 | 856,1 | 1 108,2 | 1 239,2 | 1 434,0 | 1 620,1 | 1 833,9 | 2 046,8 | 2 400,5 |
| **3,00** | 64 | 285,21 | 192 | 855,62 | 611,2 | 727,3 | 802,8 | 987,5 | 1 233,9 | 1 363,1 | 1 555,8 | 1 740,6 | 1 953,1 | 2 165,2 | 2 517,8 |
| **3,00** | 56 | 249,55 | 168 | 748,66 | 749,0 | 859,5 | 932,4 | 1 112,9 | 1 356,0 | 1 484,0 | 1 675,4 | 1 859,2 | 2 070,9 | 2 282,3 | 2 634,2 |
| **3,00** | 48 | 213,90 | 144 | 641,71 | 876,8 | 984,7 | 1 056,3 | 1 234,4 | 1 475,5 | 1 602,7 | 1 793,2 | 1 976,4 | 2 187,5 | 2 398,5 | 2 749,7 |
| **3,00** | 30 | 133,69 | 90 | 401,07 | 1 147,2 | 1 252,9 | 1 323,2 | 1 499,0 | 1 737,9 | 1 864,2 | 2 053,6 | 2 236,0 | 2 446,3 | 2 656,6 | 3 007,0 |
| **3,10** | 29 | 129,23 | 90 | 401,07 | 1 150,5 | 1 256,1 | 1 326,5 | 1 502,3 | 1 741,2 | 1 867,6 | 2 057,0 | 2 239,4 | 2 449,7 | 2 660,0 | 3 010,4 |
| **3,11** | 36 | 160,43 | 112 | 499,11 | 1 043,2 | 1 149,5 | 1 220,2 | 1 396,7 | 1 636,2 | 1 762,9 | 1 952,7 | 2 135,3 | 2 345,9 | 2 556,4 | 2 907,0 |
| **3,18** | 68 | 303,03 | 216 | 962,57 | – | – | 673,5 | 867,5 | 1 120,1 | 1 251,3 | 1 446,2 | 1 632,6 | 1 846,5 | 2 059,5 | 2 413,4 |
| **3,20** | 60 | 267,38 | 192 | 855,62 | 622,1 | 738,6 | 814,3 | 999,4 | 1 246,1 | 1 375,4 | 1 568,3 | 1 753,3 | 1 966,0 | 2 178,1 | 2 530,9 |
| **3,21** | 28 | 124,78 | 90 | 401,07 | 1 153,7 | 1 259,4 | 1 329,8 | 1 505,7 | 1 744,5 | 1 870,9 | 2 060,4 | 2 242,7 | 2 453,1 | 2 663,4 | 3 013,8 |
| **3,23** | 52 | 231,73 | 168 | 748,66 | 760,6 | 871,4 | 944,4 | 1 125,2 | 1 368,5 | 1 496,6 | 1 688,2 | 1 872,1 | 2 084,0 | 2 295,4 | 2 647,4 |
| **3,27** | 44 | 196,08 | 144 | 641,71 | 888,9 | 997,0 | 1 068,7 | 1 247,0 | 1 488,3 | 1 615,6 | 1 806,2 | 1 989,5 | 2 200,7 | 2 411,7 | 2 763,0 |
| **3,29** | 34 | 151,52 | 112 | 499,11 | 1 049,6 | 1 155,9 | 1 226,7 | 1 403,2 | 1 642,8 | 1 769,5 | 1 959,3 | 2 141,9 | 2 352,6 | 2 563,1 | 2 913,8 |
| **3,38** | 64 | 285,21 | 216 | 962,57 | – | – | 684,3 | 878,9 | 1 131,9 | 1 263,3 | 1 458,5 | 1 645,0 | 1 859,1 | 2 072,3 | 2 426,3 |
| **3,43** | 56 | 249,55 | 192 | 855,62 | 633,0 | 749,9 | 825,7 | 1 011,2 | 1 258,3 | 1 387,8 | 1 580,9 | 1 765,9 | 1 978,8 | 2 191,0 | 2 543,9 |
| **3,50** | 48 | 213,90 | 168 | 748,66 | 772,2 | 883,2 | 956,4 | 1 137,4 | 1 381,0 | 1 509,3 | 1 700,9 | 1 885,0 | 2 096,9 | 2 308,5 | 2 660,6 |
| **3,50** | 32 | 142,60 | 112 | 499,11 | 1 055,9 | 1 162,3 | 1 233,1 | 1 409,7 | 1 649,4 | 1 776,0 | 1 965,9 | 2 148,6 | 2 359,3 | 2 569,8 | 2 920,6 |
| **3,60** | 60 | 267,38 | 216 | 962,57 | – | – | 695,1 | 890,2 | 114,8 | 1 275,3 | 1 470,7 | 1 657,4 | 1 871,6 | 2 085,0 | 2 439,2 |
| **3,60** | 40 | 178,25 | 144 | 641,71 | 901,0 | 1 009,3 | 1 081,1 | 1 259,6 | 1 501,1 | 1 628,5 | 1 819,2 | 2 002,6 | 2 213,9 | 2 424,9 | 2 776,3 |
| **3,69** | 52 | 231,73 | 192 | 855,62 | 643,8 | 761,1 | 837,2 | 1 023,1 | 1 270,5 | 1 400,1 | 1 593,4 | 1 778,6 | 1 991,5 | 2 203,9 | 2 556,9 |
| **3,73** | 30 | 133,69 | 112 | 499,11 | 1 062,2 | 1 168,7 | 1 239,5 | 1 416,2 | 1 655,9 | 1 782,6 | 1 972,5 | 2 155,3 | 2 365,9 | 2 576,5 | 2 927,3 |
| **3,79** | 38 | 169,34 | 144 | 641,71 | 907,1 | 1 015,4 | 1 087,2 | 1 265,9 | 1 507,5 | 1 634,9 | 1 825,7 | 2 009,1 | 2 220,4 | 2 431,5 | 2 783,0 |
| **3,82** | 44 | 196,08 | 168 | 748,66 | 783,8 | 895,0 | 968,3 | 1 149,6 | 1 393,5 | 1 521,9 | 1 713,7 | 1 897,9 | 2 109,9 | 2 321,5 | 2 673,7 |
| **3,86** | 56 | 249,55 | 216 | 962,57 | – | 622,9 | 705,9 | 901,5 | 1 155,6 | 1 287,3 | 1 482,9 | 1 669,8 | 1 884,2 | 2 097,6 | 2 452,0 |
| **3,86** | 29 | 129,23 | 112 | 499,11 | 1 065,4 | 1 171,9 | 1 242,7 | 1 419,4 | 1 659,2 | 1 785,9 | 1 975,8 | 2 158,6 | 2 369,3 | 2 579,9 | 2 930,7 |
| **4,00** | 48 | 213,90 | 192 | 855,62 | 654,7 | 772,3 | 848,6 | 1 034,8 | 1 282,7 | 1 412,4 | 1 605,8 | 1 791,2 | 2 004,3 | 2 216,7 | 2 569,9 |
| **4,00** | 36 | 160,43 | 144 | 641,71 | 913,1 | 1 021,5 | 1 093,4 | 1 272,2 | 1 513,8 | 1 641,3 | 1 832,2 | 2 015,6 | 2 227,0 | 2 438,1 | 2 789,6 |
| **4,00** | 28 | 124,78 | 112 | 499,11 | 1 068,6 | 1 175,1 | 1 245,9 | 1 422,7 | 1 662,5 | 1 789,2 | 1 979,1 | 2 161,9 | 2 372,6 | 2 583,2 | 2 934,0 |
| **4,15** | 52 | 231,73 | 216 | 962,57 | – | 633,3 | 716,6 | 912,8 | 1 167,3 | 1 299,3 | 1 495,1 | 1 682,2 | 1 896,7 | 2 110,3 | 2 464,9 |
| **4,20** | 40 | 178,25 | 168 | 748,66 | 795,3 | 906,8 | 980,2 | 1 161,8 | 1 406,0 | 1 534,4 | 1 726,4 | 1 910,7 | 2 122,8 | 2 334,6 | 2 686,8 |
| **4,24** | 34 | 151,52 | 144 | 641,71 | 919,1 | 1 027,6 | 1 099,6 | 1 278,4 | 1 520,2 | 1 647,7 | 138,6 | 2 022,1 | 2 233,5 | 2 444,7 | 2 796,3 |
| **4,36** | 44 | 196,08 | 192 | 855,62 | 665,5 | 783,5 | 860,0 | 1 046,6 | 1 294,8 | 1 424,7 | 1 618,3 | 1 803,8 | 2 017,0 | 2 229,6 | 2 582,9 |
| **4,42** | 38 | 169,34 | 168 | 748,66 | 801,0 | 912,6 | 986,1 | 1 167,9 | 1 412,2 | 1 540,7 | 1 732,7 | 1 917,1 | 2 129,3 | 2 341,1 | 2 693,4 |
| **4,50** | 48 | 213,90 | 216 | 962,57 | – | 643,7 | 727,4 | 924,1 | 1 179,1 | 1 311,2 | 1 507,3 | 1 694,5 | 1 909,2 | 2 122,9 | 2 477,7 |
| **4,50** | 32 | 142,60 | 144 | 641,71 | 925,1 | 1 033,7 | 1 105,7 | 1 284,7 | 1 526,6 | 1 654,1 | 1 845,1 | 2 028,6 | 2 240,1 | 2 451,3 | 2 802,9 |
| **4,67** | 36 | 160,43 | 168 | 748,66 | 806,8 | 918,5 | 992,1 | 1 174,0 | 1 418,4 | 1 547,0 | 1 739,1 | 1 923,5 | 2 135,7 | 2 347,6 | 2 700,0 |
| **4,80** | 40 | 178,25 | 192 | 855,62 | 676,3 | 794,7 | 871,3 | 1 058,3 | 1 306,9 | 1 436,9 | 1 630,7 | 1 816,3 | 2 029,7 | 2 242,4 | 2 595,9 |
| **4,80** | 30 | 133,69 | 144 | 641,71 | 931,1 | 1 039,8 | 1 111,9 | 1 290,9 | 1 532,9 | 1 660,5 | 1 851,5 | 2 035,1 | 2 246,6 | 2 457,9 | 2 809,5 |
| **4,91** | 44 | 196,08 | 216 | 962,57 | – | 654,1 | 738,1 | 935,3 | 1 190,8 | 1 323,1 | 1 519,4 | 1 706,8 | 1 921,7 | 2 135,5 | 2 490,5 |
| **4,94** | 34 | 151,52 | 168 | 748,66 | 812,5 | 924,3 | 998,0 | 1 180,0 | 1 424,6 | 1 553,2 | 1 745,4 | 1 929,9 | 2 142,2 | 2 354,0 | 2 706,5 |
| **4,97** | 29 | 129,23 | 144 | 641,71 | 934,1 | 1 042,9 | 1 114,9 | 1 294,0 | 1 536,1 | 1 663,7 | 1 854,8 | 2 038,4 | 2 249,9 | 2 461,2 | 2 812,8 |
| **5,05** | 38 | 169,34 | 192 | 855,62 | 681,7 | 800,2 | 877,0 | 1 064,2 | 1 312,9 | 1 443,0 | 1 636,9 | 1 822,6 | 2 036,0 | 2 248,8 | 2 602,3 |
| **5,14** | 28 | 124,78 | 144 | 641,71 | 937,1 | 1 045,9 | 1 118,0 | 1 297,2 | 1 539,2 | 1 666,9 | 1 858,0 | 2 041,6 | 2 253,2 | 2 464,4 | 2 816,1 |
| **5,25** | 32 | 142,60 | – | 748,66 | 818,2 | 930,2 | 1 003,9 | 1 186,1 | 1 430,8 | 1 559,5 | 1 751,7 | 1 936,2 | 2 148,6 | 2 360,5 | 2 713,1 |
| **5,33** | 36 | 160,43 | 192 | 855,62 | 687,0 | 805,8 | 882,6 | 1 070,0 | 1 318,9 | 1 449,1 | 1 643,1 | 1 828,9 | 2 042,3 | 2 255,2 | 2 608,8 |
| **5,40** | 40 | 178,25 | 216 | 962,57 | – | 664,5 | 748,7 | 946,5 | 1 202,5 | 1 335,0 | 1 531,5 | 1 719,1 | 1 934,1 | 2 148,1 | 2 503,2 |

Table 4r

| Speed ratio | Driver | | Driven | | Belt length | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of teeth | Pitch diameter | Number of teeth | Pitch diameter | 3 150 | 3 360 | 3 500 | 3 850 | 4 326 | 4 578 | 4 956 | 5 320 | 5 740 | 6 160 | 6 860 |
| – | | mm | | mm | mm | | | | | | | | | | |
| **5,60** | 30 | 133,69 | 168 | 748,66 | 823,9 | 936,0 | 1 009,8 | 1 192,1 | 1 437,0 | 1 565,7 | 1 758,0 | 1 942,6 | 2 155,0 | 2 367,0 | 2 719,6 |
| **5,65** | 34 | 151,52 | 192 | 855,62 | 692,4 | 811,3 | 888,3 | 1 075,9 | 1 324,9 | 1 455,2 | 1 649,3 | 1 835,1 | 2 048,7 | 2 261,5 | 2 615,3 |
| **5,68** | 38 | 169,34 | 216 | 962,57 | – | 669,7 | 754,1 | 952,1 | 1 208,3 | 1 340,9 | 1 537,6 | 1 725,2 | 1 940,3 | 2 154,4 | 2 509,6 |
| **5,79** | 29 | 129,23 | 168 | 748,66 | 826,8 | 938,9 | 1 012,8 | 1 195,1 | 1 440,1 | 1 568,8 | 1 761,2 | 1 945,8 | 2 158,2 | 2 370,2 | 2 722,9 |
| **6,00** | 36 | 160,43 | 216 | 962,57 | – | 674,9 | 759,4 | 957,7 | 1 214,1 | 1 346,8 | 1 543,6 | 1 731,3 | 1 946,5 | 2 160,7 | 2 516,0 |
| **6,00** | 32 | 142,60 | 192 | 855,62 | 697,8 | 816,9 | 893,9 | 1 081,7 | 1 331,0 | 1 461,3 | 1 655,5 | 1 841,4 | 2 055,0 | 2 267,9 | 2 621,7 |
| **6,00** | 28 | 124,78 | 168 | 748,66 | 829,6 | 941,9 | 1 015,7 | 1 198,2 | 1 443,2 | 1 571,9 | 1 764,4 | 1 949,0 | 2 161,5 | 2 373,5 | 2 726,1 |
| **6,35** | 34 | 151,52 | 216 | 962,57 | – | 680,0 | 764,7 | 963,3 | 1 220,0 | 1 352,7 | 1 549,6 | 1 737,5 | 1 952,7 | 2 166,9 | 2 522,3 |
| **6,40** | 30 | 133,69 | 192 | 855,62 | 703,1 | 822,4 | 899,6 | 1 087,5 | 1 337,0 | 1 467,4 | 1 661,6 | 1 847,6 | 2 061,3 | 2 274,3 | 2 628,2 |
| **6,62** | 29 | 129,23 | 192 | 855,62 | 705,8 | 825,2 | 902,4 | 1 090,4 | 1 340,0 | 1 470,4 | 1 664,7 | 1 850,7 | 2 064,5 | 2 277,5 | 2 631,4 |
| **6,75** | 32 | 142,60 | 216 | 962,57 | – | 685,2 | 770,0 | 968,9 | 1 225,8 | 1 358,7 | 1 555,7 | 1 743,6 | 1 958,9 | 2 173,2 | 2 528,7 |
| **6,86** | 28 | 124,78 | 192 | 855,62 | 708,5 | 828,0 | 905,2 | 1 093,3 | 1 343,0 | 1 473,5 | 1 667,8 | 1 853,9 | 2 067,6 | 2 280,7 | 2 634,6 |
| **7,20** | 30 | 133,69 | 216 | 962,57 | – | 690,4 | 775,3 | 974,5 | 1 231,6 | 1 364,6 | 1 561,7 | 1 749,7 | 1 965,1 | 2 179,5 | 2 535,0 |
| **7,45** | 29 | 129,23 | 216 | 962,57 | – | 693,0 | 778,0 | 977,2 | 1 234,5 | 1 367,5 | 1 564,7 | 1 752,7 | 1 968,2 | 2 182,6 | 2 538,2 |
| **7,71** | 28 | 124,78 | 216 | 962,57 | 552,9 | 695,5 | 780,6 | 980,0 | 1 237,4 | 1 370,5 | 1 567,7 | 1 755,8 | 1 971,3 | 2 185,7 | 2 541,4 |

# Recommended standard pulley number of teeth for faster shaft

| – | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3M | | | ✓* | | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | | ✓ | | ✓ | | ✓ | | ✓ | | | | | | | |
| 5M | | | | | | | ✓* | | ✓ | | ✓ | ✓ | ✓ | | ✓ | | ✓ | | ✓ | | ✓ | | ✓ | | | | | |
| 8M | | | | | | | | | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 14M | | | | | | | | | | | | | | | | | | | ✓* | ✓ | ✓ | | ✓ | | ✓ | | ✓ | ✓ |
| XL | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | | | | | | | | | |
| L | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| H | | | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| XH | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | | | | |
| T2,5 | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| T5 | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| T10 | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| AT5 | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| AT10 | | | ✓* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | | |

*Shows minimum pulley diameter for particular section. If smaller pulley diameter is used, the belt service life could be affected.

# Speed ratios for timing belt standard pulleys

| $Z_1$ / $Z_2$ | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 1,00 | 1,10 | 1,20 | 1,30 | 1,40 | 1,50 | 1,60 | 1,70 | 1,80 | 1,90 | 2,00 | 2,10 | 2,20 | 2,30 | 2,40 | 2,50 | 2,60 | 2,70 | 2,80 | 2,90 | 3,00 | 3,10 | 3,20 | 3,30 | 3,40 | 3,50 | 3,60 | 3,80 |
| 11 | | 1,00 | 1,09 | 1,18 | 1,27 | 1,36 | 1,45 | 1,55 | 1,64 | 1,73 | 1,82 | 1,91 | 2,00 | 2,09 | 2,18 | 2,27 | 2,36 | 2,45 | 2,55 | 2,64 | 2,73 | 2,82 | 2,91 | 3,00 | 3,09 | 3,18 | 3,27 | 3,45 |
| 12 | | | 1,00 | 1,08 | 1,17 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,67 | 1,75 | 1,83 | 1,92 | 2,00 | 2,08 | 2,17 | 2,25 | 2,33 | 2,42 | 2,50 | 2,58 | 2,67 | 2,75 | 2,83 | 2,92 | 3,00 | 3,17 |
| 13 | | | | 1,00 | 1,08 | 1,15 | 1,23 | 1,31 | 1,38 | 1,46 | 1,54 | 1,62 | 1,69 | 1,77 | 1,85 | 1,92 | 2,00 | 2,08 | 2,15 | 2,23 | 2,31 | 2,38 | 2,46 | 2,54 | 2,62 | 2,69 | 2,77 | 2,92 |
| 14 | | | | | 1,00 | 1,07 | 1,14 | 1,21 | 1,29 | 1,36 | 1,43 | 1,50 | 1,57 | 1,64 | 1,71 | 1,79 | 1,86 | 1,93 | 2,00 | 2,07 | 2,14 | 2,21 | 2,29 | 2,36 | 2,43 | 2,50 | 2,57 | 2,71 |
| 15 | | | | | | 1,00 | 1,07 | 1,13 | 1,20 | 1,27 | 1,33 | 1,40 | 1,47 | 1,53 | 1,60 | 1,67 | 1,73 | 1,80 | 1,87 | 1,93 | 2,00 | 2,07 | 2,13 | 2,20 | 2,27 | 2,33 | 2,40 | 2,53 |
| 16 | | | | | | | 1,00 | 1,06 | 1,13 | 1,19 | 1,25 | 1,31 | 1,38 | 1,44 | 1,50 | 1,56 | 1,63 | 1,69 | 1,75 | 1,81 | 1,88 | 1,94 | 2,00 | 2,06 | 2,13 | 2,19 | 2,25 | 2,38 |
| 17 | | | | | | | | 1,00 | 1,06 | 1,12 | 1,18 | 1,24 | 1,29 | 1,35 | 1,41 | 1,47 | 1,53 | 1,59 | 1,65 | 1,71 | 1,76 | 1,82 | 1,88 | 1,94 | 2,00 | 2,06 | 2,12 | 2,24 |
| 18 | | | | | | | | | 1,00 | 1,06 | 1,11 | 1,17 | 1,22 | 1,28 | 1,33 | 1,39 | 1,44 | 1,50 | 1,56 | 1,61 | 1,67 | 1,72 | 1,78 | 1,83 | 1,89 | 1,94 | 2,00 | 2,11 |
| 19 | | | | | | | | | | 1,00 | 1,05 | 1,11 | 1,16 | 1,21 | 1,26 | 1,32 | 1,37 | 1,42 | 1,47 | 1,53 | 1,58 | 1,63 | 1,68 | 1,74 | 1,79 | 1,84 | 1,89 | 2,00 |
| 20 | | | | | | | | | | | 1,00 | 1,05 | 1,10 | 1,15 | 1,20 | 1,25 | 1,30 | 1,35 | 1,40 | 1,45 | 1,50 | 1,55 | 1,60 | 1,65 | 1,70 | 1,75 | 1,80 | 1,90 |
| 21 | | | | | | | | | | | | 1,00 | 1,05 | 1,10 | 1,14 | 1,19 | 1,24 | 1,29 | 1,33 | 1,38 | 1,43 | 1,48 | 1,52 | 1,57 | 1,62 | 1,67 | 1,71 | 1,81 |
| 22 | | | | | | | | | | | | | 1,00 | 1,05 | 1,09 | 1,14 | 1,18 | 1,23 | 1,27 | 1,32 | 1,36 | 1,41 | 1,45 | 1,50 | 1,55 | 1,59 | 1,64 | 1,73 |
| 23 | | | | | | | | | | | | | | 1,00 | 1,04 | 1,09 | 1,13 | 1,17 | 1,22 | 1,26 | 1,30 | 1,35 | 1,39 | 1,43 | 1,48 | 1,52 | 1,57 | 1,65 |
| 24 | | | | | | | | | | | | | | | 1,00 | 1,04 | 1,08 | 1,13 | 1,17 | 1,21 | 1,25 | 1,29 | 1,33 | 1,38 | 1,42 | 1,46 | 1,50 | 1,58 |
| 25 | | | | | | | | | | | | | | | | 1,00 | 1,04 | 1,08 | 1,12 | 1,16 | 1,20 | 1,24 | 1,28 | 1,32 | 1,36 | 1,40 | 1,44 | 1,52 |
| 26 | | | | | | | | | | | | | | | | | 1,00 | 1,04 | 1,08 | 1,12 | 1,15 | 1,19 | 1,23 | 1,27 | 1,31 | 1,35 | 1,38 | 1,46 |
| 27 | | | | | | | | | | | | | | | | | | 1,00 | 1,04 | 1,07 | 1,11 | 1,15 | 1,19 | 1,22 | 1,26 | 1,30 | 1,33 | 1,41 |
| 28 | | | | | | | | | | | | | | | | | | | 1,00 | 1,04 | 1,07 | 1,11 | 1,14 | 1,18 | 1,21 | 1,25 | 1,29 | 1,36 |
| 29 | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,07 | 1,10 | 1,14 | 1,17 | 1,21 | 1,24 | 1,31 |
| 30 | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,07 | 1,10 | 1,13 | 1,17 | 1,20 | 1,27 |
| 31 | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,06 | 1,10 | 1,13 | 1,16 | 1,23 |
| 32 | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,06 | 1,09 | 1,13 | 1,19 |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,06 | 1,09 | 1,15 |
| 34 | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,06 | 1,12 |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,03 | 1,09 |
| 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,06 |
| 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 168 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 192 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# – All timing belts

**Table 5a**

| 40 | 42 | 44 | 45 | 48 | 50 | 52 | 56 | 57 | 58 | 60 | 64 | 70 | 72 | 76 | 80 | 84 | 90 | 95 | 96 | 112 | 120 | 144 | 156 | 168 | 192 | 216 | – |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | – |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 3M |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 5M |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 8M |
| ✓ | | ✓ | | ✓ | | | | | | | | | | | | | | | | | | | | | | | 14M |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | XL |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | XH |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | T2,5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | T5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | T10 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | AT5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | AT10 |

2

**Table 5b**

| 40 | 42 | 44 | 45 | 48 | 50 | 52 | 56 | 57 | 58 | 60 | 64 | 70 | 72 | 76 | 80 | 84 | 90 | 95 | 96 | 112 | 120 | 144 | 156 | 168 | 192 | 216 | $Z_t$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | – |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | $Z_s$ |
| 4,00 | 4,20 | 4,40 | 4,50 | 4,80 | 5,00 | 5,20 | 5,60 | 5,70 | 5,80 | 6,00 | 6,40 | 7,00 | | | | | | | | | | | | | | | 10 |
| 3,64 | 3,82 | 4,00 | 4,09 | 4,36 | 4,55 | 4,73 | 5,09 | 5,18 | 5,27 | 5,45 | 5,82 | 6,36 | 6,55 | 6,91 | | | | | | | | | | | | | 11 |
| 3,33 | 3,50 | 3,67 | 3,75 | 4,00 | 4,17 | 4,33 | 4,67 | 4,75 | 4,83 | 5,00 | 5,33 | 5,83 | 6,00 | 6,33 | 6,67 | 7,00 | | | | | | | | | | | 12 |
| 3,08 | 3,23 | 3,38 | 3,46 | 3,69 | 3,85 | 4,00 | 4,31 | 4,38 | 4,46 | 4,62 | 4,92 | 5,38 | 5,54 | 5,85 | 6,15 | 6,46 | 6,92 | | | | | | | | | | 13 |
| 2,86 | 3,00 | 3,14 | 3,21 | 3,43 | 3,57 | 3,71 | 4,00 | 4,07 | 4,14 | 4,29 | 4,57 | 5,00 | 5,14 | 5,43 | 5,71 | 6,00 | 6,43 | 6,79 | 6,86 | | | | | | | | 14 |
| 2,67 | 2,80 | 2,93 | 3,00 | 3,20 | 3,33 | 3,47 | 3,73 | 3,80 | 3,87 | 4,00 | 4,27 | 4,67 | 4,80 | 5,07 | 5,33 | 5,60 | 6,00 | 6,33 | 6,40 | | | | | | | | 15 |
| 2,50 | 2,63 | 2,75 | 2,81 | 3,00 | 3,13 | 3,25 | 3,50 | 3,56 | 3,63 | 3,75 | 4,00 | 4,38 | 4,50 | 4,75 | 5,00 | 5,25 | 5,63 | 5,94 | 6,00 | 7,00 | | | | | | | 16 |
| 2,35 | 2,47 | 2,59 | 2,65 | 2,82 | 2,94 | 3,06 | 3,29 | 3,35 | 3,41 | 3,53 | 3,76 | 4,12 | 4,24 | 4,47 | 4,71 | 4,94 | 5,29 | 5,59 | 5,65 | 6,59 | | | | | | | 17 |
| 2,22 | 2,33 | 2,44 | 2,50 | 2,67 | 2,78 | 2,89 | 3,11 | 3,17 | 3,22 | 3,33 | 3,56 | 3,89 | 4,00 | 4,22 | 4,44 | 4,67 | 5,00 | 5,28 | 5,33 | 6,22 | 6,67 | | | | | | 18 |
| 2,11 | 2,21 | 2,32 | 2,37 | 2,53 | 2,63 | 2,74 | 2,95 | 3,00 | 3,05 | 3,16 | 3,37 | 3,68 | 3,79 | 4,00 | 4,21 | 4,42 | 4,74 | 5,00 | 5,05 | 5,89 | 6,32 | | | | | | 19 |
| 2,00 | 2,10 | 2,20 | 2,25 | 2,40 | 2,50 | 2,60 | 2,80 | 2,85 | 2,90 | 3,00 | 3,20 | 3,50 | 3,60 | 3,80 | 4,00 | 4,20 | 4,50 | 4,75 | 4,80 | 5,60 | 6,00 | | | | | | 20 |
| 1,90 | 2,00 | 2,10 | 2,14 | 2,29 | 2,38 | 2,48 | 2,67 | 2,71 | 2,76 | 2,86 | 3,05 | 3,33 | 3,43 | 3,62 | 3,81 | 4,00 | 4,29 | 4,52 | 4,57 | 5,33 | 5,71 | 6,86 | | | | | 21 |
| 1,82 | 1,91 | 2,00 | 2,05 | 2,18 | 2,27 | 2,36 | 2,55 | 2,59 | 2,64 | 2,73 | 2,91 | 3,18 | 3,27 | 3,45 | 3,64 | 3,82 | 4,09 | 4,32 | 4,36 | 5,09 | 5,45 | 6,55 | | | | | 22 |
| 1,74 | 1,83 | 1,91 | 1,96 | 2,09 | 2,17 | 2,26 | 2,43 | 2,48 | 2,52 | 2,61 | 2,78 | 3,04 | 3,13 | 3,30 | 3,48 | 3,65 | 3,91 | 4,13 | 4,17 | 4,87 | 5,22 | 6,26 | 6,78 | | | | 23 |
| 1,67 | 1,75 | 1,83 | 1,88 | 2,00 | 2,08 | 2,17 | 2,33 | 2,38 | 2,42 | 2,50 | 2,67 | 2,92 | 3,00 | 3,17 | 3,33 | 3,50 | 3,75 | 3,96 | 4,00 | 4,67 | 5,00 | 6,00 | 6,50 | | | | 24 |
| 1,60 | 1,68 | 1,76 | 1,80 | 1,92 | 2,00 | 2,08 | 2,24 | 2,28 | 2,32 | 2,40 | 2,56 | 2,80 | 2,88 | 3,04 | 3,20 | 3,36 | 3,60 | 3,80 | 3,84 | 4,48 | 4,80 | 5,76 | 6,24 | 6,72 | | | 25 |
| 1,54 | 1,62 | 1,69 | 1,73 | 1,85 | 1,92 | 2,00 | 2,15 | 2,19 | 2,23 | 2,31 | 2,46 | 2,69 | 2,77 | 2,92 | 3,08 | 3,23 | 3,46 | 3,65 | 3,69 | 4,31 | 4,62 | 5,54 | 6,00 | 6,46 | | | 26 |
| 1,48 | 1,56 | 1,63 | 1,67 | 1,78 | 1,85 | 1,93 | 2,07 | 2,11 | 2,15 | 2,22 | 2,37 | 2,59 | 2,67 | 2,81 | 2,96 | 3,11 | 3,33 | 3,52 | 3,56 | 4,15 | 4,44 | 5,33 | 5,78 | 6,22 | | | 27 |
| 1,43 | 1,50 | 1,57 | 1,61 | 1,71 | 1,79 | 1,86 | 2,00 | 2,04 | 2,07 | 2,14 | 2,29 | 2,50 | 2,57 | 2,71 | 2,86 | 3,00 | 3,21 | 3,39 | 3,43 | 4,00 | 4,29 | 5,14 | 5,57 | 6,00 | 6,86 | | 28 |
| 1,38 | 1,45 | 1,52 | 1,55 | 1,66 | 1,72 | 1,79 | 1,93 | 1,97 | 2,00 | 2,07 | 2,21 | 2,41 | 2,48 | 2,62 | 2,76 | 2,90 | 3,10 | 3,28 | 3,31 | 3,86 | 4,14 | 4,97 | 5,38 | 5,79 | 6,62 | | 29 |
| 1,33 | 1,40 | 1,47 | 1,50 | 1,60 | 1,67 | 1,73 | 1,87 | 1,90 | 1,93 | 2,00 | 2,13 | 2,33 | 2,40 | 2,53 | 2,67 | 2,80 | 3,00 | 3,17 | 3,20 | 3,73 | 4,00 | 4,80 | 5,20 | 5,60 | 6,40 | | 30 |
| 1,29 | 1,35 | 1,42 | 1,45 | 1,55 | 1,61 | 1,68 | 1,81 | 1,84 | 1,87 | 1,94 | 2,06 | 2,26 | 2,32 | 2,45 | 2,58 | 2,71 | 2,90 | 3,06 | 3,10 | 3,61 | 3,87 | 4,65 | 5,03 | 5,42 | 6,19 | 6,97 | 31 |
| 1,25 | 1,31 | 1,38 | 1,41 | 1,50 | 1,56 | 1,63 | 1,75 | 1,78 | 1,81 | 1,88 | 2,00 | 2,19 | 2,25 | 2,38 | 2,50 | 2,63 | 2,81 | 2,97 | 3,00 | 3,50 | 3,75 | 4,50 | 4,88 | 5,25 | 6,00 | 6,75 | 32 |
| 1,21 | 1,27 | 1,33 | 1,36 | 1,45 | 1,52 | 1,58 | 1,70 | 1,73 | 1,76 | 1,82 | 1,94 | 2,12 | 2,18 | 2,30 | 2,42 | 2,55 | 2,73 | 2,88 | 2,91 | 3,39 | 3,64 | 4,36 | 4,73 | 5,09 | 5,82 | 6,55 | 33 |
| 1,18 | 1,24 | 1,29 | 1,32 | 1,41 | 1,47 | 1,53 | 1,65 | 1,68 | 1,71 | 1,76 | 1,88 | 2,06 | 2,12 | 2,24 | 2,35 | 2,47 | 2,65 | 2,79 | 2,82 | 3,29 | 3,53 | 4,24 | 4,59 | 4,94 | 5,65 | 6,35 | 34 |
| 1,14 | 1,20 | 1,26 | 1,29 | 1,37 | 1,43 | 1,49 | 1,60 | 1,63 | 1,66 | 1,71 | 1,83 | 2,00 | 2,06 | 2,17 | 2,29 | 2,40 | 2,57 | 2,71 | 2,74 | 3,20 | 3,43 | 4,11 | 4,46 | 4,80 | 5,49 | 6,17 | 35 |
| 1,11 | 1,17 | 1,22 | 1,25 | 1,33 | 1,39 | 1,44 | 1,56 | 1,58 | 1,61 | 1,67 | 1,78 | 1,94 | 2,00 | 2,11 | 2,22 | 2,33 | 2,50 | 2,64 | 2,67 | 3,11 | 3,33 | 4,00 | 4,33 | 4,67 | 5,33 | 6,00 | 36 |
| 1,05 | 1,11 | 1,16 | 1,18 | 1,26 | 1,32 | 1,37 | 1,47 | 1,50 | 1,53 | 1,58 | 1,68 | 1,84 | 1,89 | 2,00 | 2,11 | 2,21 | 2,37 | 2,50 | 2,53 | 2,95 | 3,16 | 3,79 | 4,11 | 4,42 | 5,05 | 5,68 | 38 |
| 1,00 | 1,05 | 1,10 | 1,13 | 1,20 | 1,25 | 1,30 | 1,40 | 1,43 | 1,45 | 1,50 | 1,60 | 1,75 | 1,80 | 1,90 | 2,00 | 2,10 | 2,25 | 2,38 | 2,40 | 2,80 | 3,00 | 3,60 | 3,90 | 4,20 | 4,80 | 5,40 | 40 |
| | 1,00 | 1,05 | 1,07 | 1,14 | 1,19 | 1,24 | 1,33 | 1,36 | 1,38 | 1,43 | 1,52 | 1,67 | 1,71 | 1,81 | 1,90 | 2,00 | 2,14 | 2,26 | 2,29 | 2,67 | 2,86 | 3,43 | 3,71 | 4,00 | 4,57 | 5,14 | 42 |
| | | 1,00 | 1,02 | 1,09 | 1,14 | 1,18 | 1,27 | 1,30 | 1,32 | 1,36 | 1,45 | 1,59 | 1,64 | 1,73 | 1,82 | 1,91 | 2,05 | 2,16 | 2,18 | 2,55 | 2,73 | 3,27 | 3,55 | 3,82 | 4,36 | 4,91 | 44 |
| | | | 1,00 | 1,07 | 1,11 | 1,16 | 1,24 | 1,27 | 1,29 | 1,33 | 1,42 | 1,56 | 1,60 | 1,69 | 1,78 | 1,87 | 2,00 | 2,11 | 2,13 | 2,49 | 2,67 | 3,20 | 3,47 | 3,73 | 4,27 | 4,80 | 45 |
| | | | | 1,00 | 1,04 | 1,08 | 1,17 | 1,19 | 1,21 | 1,25 | 1,33 | 1,46 | 1,50 | 1,58 | 1,67 | 1,75 | 1,88 | 1,98 | 2,00 | 2,33 | 2,50 | 3,00 | 3,25 | 3,50 | 4,00 | 4,50 | 48 |
| | | | | | 1,00 | 1,04 | 1,12 | 1,14 | 1,16 | 1,20 | 1,28 | 1,40 | 1,44 | 1,52 | 1,60 | 1,68 | 1,80 | 1,90 | 1,92 | 2,24 | 2,40 | 2,88 | 3,12 | 3,36 | 3,84 | 4,32 | 50 |
| | | | | | | 1,00 | 1,08 | 1,10 | 1,12 | 1,15 | 1,23 | 1,35 | 1,38 | 1,46 | 1,54 | 1,62 | 1,73 | 1,83 | 1,85 | 2,15 | 2,31 | 2,77 | 3,00 | 3,23 | 3,69 | 4,15 | 52 |
| | | | | | | | 1,00 | 1,02 | 1,04 | 1,07 | 1,14 | 1,25 | 1,29 | 1,36 | 1,43 | 1,50 | 1,61 | 1,70 | 1,71 | 2,00 | 2,14 | 2,57 | 2,79 | 3,00 | 3,43 | 3,86 | 56 |
| | | | | | | | | 1,00 | 1,02 | 1,05 | 1,12 | 1,23 | 1,26 | 1,33 | 1,40 | 1,47 | 1,58 | 1,67 | 1,68 | 1,96 | 2,11 | 2,53 | 2,74 | 2,95 | 3,37 | 3,79 | 57 |
| | | | | | | | | | 1,00 | 1,03 | 1,10 | 1,21 | 1,24 | 1,31 | 1,38 | 1,45 | 1,55 | 1,64 | 1,66 | 1,93 | 2,07 | 2,48 | 2,69 | 2,90 | 3,31 | 3,72 | 58 |
| | | | | | | | | | | 1,00 | 1,07 | 1,17 | 1,20 | 1,27 | 1,33 | 1,40 | 1,50 | 1,58 | 1,60 | 1,87 | 2,00 | 2,40 | 2,60 | 2,80 | 3,20 | 3,60 | 60 |
| | | | | | | | | | | | 1,00 | 1,09 | 1,13 | 1,19 | 1,25 | 1,31 | 1,41 | 1,48 | 1,50 | 1,75 | 1,88 | 2,25 | 2,44 | 2,63 | 3,00 | 3,38 | 64 |
| | | | | | | | | | | | | 1,00 | 1,03 | 1,09 | 1,14 | 1,20 | 1,29 | 1,36 | 1,37 | 1,60 | 1,71 | 2,06 | 2,23 | 2,40 | 2,74 | 3,09 | 70 |
| | | | | | | | | | | | | | 1,00 | 1,06 | 1,11 | 1,17 | 1,25 | 1,32 | 1,33 | 1,56 | 1,67 | 2,00 | 2,17 | 2,33 | 2,67 | 3,00 | 72 |
| | | | | | | | | | | | | | | 1,00 | 1,05 | 1,11 | 1,18 | 1,25 | 1,26 | 1,47 | 1,58 | 1,89 | 2,05 | 2,21 | 2,53 | 2,84 | 76 |
| | | | | | | | | | | | | | | | 1,00 | 1,05 | 1,13 | 1,19 | 1,20 | 1,40 | 1,50 | 1,80 | 1,95 | 2,10 | 2,40 | 2,70 | 80 |
| | | | | | | | | | | | | | | | | 1,00 | 1,07 | 1,13 | 1,14 | 1,33 | 1,43 | 1,71 | 1,86 | 2,00 | 2,29 | 2,57 | 84 |
| | | | | | | | | | | | | | | | | | 1,00 | 1,06 | 1,07 | 1,24 | 1,33 | 1,60 | 1,73 | 1,87 | 2,13 | 2,40 | 90 |
| | | | | | | | | | | | | | | | | | | 1,00 | 1,01 | 1,18 | 1,26 | 1,52 | 1,64 | 1,77 | 2,02 | 2,27 | 95 |
| | | | | | | | | | | | | | | | | | | | 1,00 | 1,17 | 1,25 | 1,50 | 1,63 | 1,75 | 2,00 | 2,25 | 96 |
| | | | | | | | | | | | | | | | | | | | | 1,00 | 1,07 | 1,29 | 1,39 | 1,50 | 1,71 | 1,93 | 112 |
| | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,20 | 1,30 | 1,40 | 1,60 | 1,80 | 120 |
| | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,08 | 1,17 | 1,33 | 1,50 | 144 |
| | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,08 | 1,23 | 1,38 | 156 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,14 | 1,29 | 168 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 1,13 | 192 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1,00 | 216 |

# Correction factors

**Table 6**

## Teeth in mesh (TIM) Correction factor $C_4$

| TIM | C4 |
|---|---|
| – | |
| 6 and above | 1 |
| 5 | 0,8 |
| 4 | 0,6 |
| 3 | 0,4 |
| 2 | 0,2 |

**Table 7**

## Belt length correction factor $C_1$

| **Belt length** | **Correction factor** 5M | 8M | 14M | XL<br>L<br>H<br>XH<br>T2.5<br>T5<br>T10<br>AT5<br>AT10 |
|---|---|---|---|---|
| mm | – | | | |
| 425 | 0,80 | – | – | 1,00 |
| 535 | 0,90 | – | – | 1,00 |
| 600 | 1,00 | – | – | 1,00 |
| 800 | 1,10 | – | – | 1,00 |
| 890 | 1,20 | – | – | 1,00 |
| 1 050 | 1,30 | – | – | 1,00 |
| 1 190 | – | 0,80 | – | 1,00 |
| 1 200 | – | 0,90 | – | 1,00 |
| 1 420 | – | 1,00 | – | 1,00 |
| 1 610 | – | 1,10 | – | 1,00 |
| 1 760 | – | 1,20 | – | 1,00 |
| 1 890 | – | – | – | 1,00 |
| 2 000 | – | – | 0,90 | 1,00 |
| 2 450 | – | – | 0,95 | 1,00 |
| 2 500 | – | – | 1,00 | 1,00 |
| 3 150 | – | – | 1,05 | 1,00 |
| 3 400 | – | – | 1,10 | 1,00 |

# Power ratings
## Section XL (25,4 mm wide)

**Table 8a**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Pitch diameter [mm] | 16,17 | 17,79 | 19,40 | 21,02 | 22,64 | 24,26 | 25,87 | 27,49 | 29,11 | 30,72 | 32,34 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,03 | 0,03 | 0,03 | 0,03 |
| **200** | 0,03 | 0,03 | 0,04 | 0,04 | 0,04 | 0,05 | 0,05 | 0,05 | 0,06 | 0,06 | 0,06 |
| **400** | 0,06 | 0,07 | 0,07 | 0,08 | 0,09 | 0,09 | 0,10 | 0,10 | 0,11 | 0,12 | 0,12 |
| **600** | 0,09 | 0,10 | 0,11 | 0,12 | 0,13 | 0,14 | 0,15 | 0,16 | 0,17 | 0,18 | 0,18 |
| **720** | 0,11 | 0,12 | 0,13 | 0,14 | 0,15 | 0,17 | 0,18 | 0,19 | 0,20 | 0,21 | 0,22 |
| **800** | 0,12 | 0,14 | 0,15 | 0,16 | 0,17 | 0,18 | 0,20 | 0,21 | 0,22 | 0,23 | 0,25 |
| **960** | 0,15 | 0,16 | 0,18 | 0,19 | 0,21 | 0,22 | 0,24 | 0,25 | 0,27 | 0,28 | 0,29 |
| **1 000** | 0,15 | 0,17 | 0,18 | 0,20 | 0,22 | 0,23 | 0,25 | 0,26 | 0,28 | 0,29 | 0,31 |
| **1 200** | 0,18 | 0,20 | 0,22 | 0,24 | 0,26 | 0,28 | 0,29 | 0,31 | 0,33 | 0,35 | 0,37 |
| **1 400** | 0,22 | 0,24 | 0,26 | 0,28 | 0,30 | 0,32 | 0,34 | 0,37 | 0,39 | 0,41 | 0,43 |
| **1 440** | 0,22 | 0,24 | 0,27 | 0,29 | 0,31 | 0,33 | 0,35 | 0,38 | 0,40 | 0,42 | 0,44 |
| **1 600** | 0,25 | 0,27 | 0,29 | 0,32 | 0,34 | 0,37 | 0,39 | 0,42 | 0,44 | 0,47 | 0,49 |
| **1 800** | 0,28 | 0,30 | 0,33 | 0,36 | 0,39 | 0,41 | 0,44 | 0,47 | 0,50 | 0,52 | 0,55 |
| **2 000** | 0,31 | 0,34 | 0,37 | 0,40 | 0,43 | 0,46 | 0,49 | 0,52 | 0,55 | 0,58 | 0,61 |
| **2 200** | 0,34 | 0,37 | 0,41 | 0,44 | 0,47 | 0,51 | 0,54 | 0,57 | 0,61 | 0,64 | 0,67 |
| **2 400** | 0,37 | 0,41 | 0,44 | 0,48 | 0,51 | 0,55 | 0,59 | 0,62 | 0,66 | 0,70 | 0,73 |
| **2 600** | 0,40 | 0,44 | 0,48 | 0,52 | 0,56 | 0,60 | 0,64 | 0,68 | 0,71 | 0,75 | 0,79 |
| **2 800** | 0,43 | 0,47 | 0,51 | 0,56 | 0,60 | 0,64 | 0,68 | 0,73 | 0,77 | 0,81 | 0,85 |
| **2 880** | 0,44 | 0,49 | 0,53 | 0,57 | 0,62 | 0,66 | 0,70 | 0,75 | 0,79 | 0,83 | 0,88 |
| **3 000** | 0,46 | 0,51 | 0,55 | 0,60 | 0,64 | 0,69 | 0,73 | 0,78 | 0,82 | 0,87 | 0,91 |
| **3 200** | 0,49 | 0,54 | 0,59 | 0,64 | 0,68 | 0,73 | 0,78 | 0,83 | 0,88 | 0,92 | 0,97 |
| **3 400** | 0,52 | 0,57 | 0,62 | 0,68 | 0,73 | 0,78 | 0,83 | 0,88 | 0,93 | 0,98 | 1,03 |
| **3 600** | 0,55 | 0,61 | 0,66 | 0,71 | 0,77 | 0,82 | 0,88 | 0,93 | 0,98 | 1,04 | 1,09 |
| **3 800** | 0,58 | 0,64 | 0,70 | 0,75 | 0,81 | 0,87 | 0,92 | 0,98 | 1,04 | 1,09 | 1,15 |
| **4 000** | 0,61 | 0,67 | 0,73 | 0,79 | 0,85 | 0,91 | 0,97 | 1,03 | 1,09 | 1,15 | 1,21 |
| **4 200** | 0,64 | 0,71 | 0,77 | 0,83 | 0,89 | 0,96 | 1,02 | 1,08 | 1,14 | 1,20 | 1,26 |
| **4 400** | 0,67 | 0,74 | 0,81 | 0,87 | 0,94 | 1,00 | 1,07 | 1,13 | 1,19 | 1,26 | 1,32 |
| **4 600** | 0,70 | 0,77 | 0,84 | 0,91 | 0,98 | 1,05 | 1,11 | 1,18 | 1,25 | 1,31 | 1,38 |
| **4 800** | 0,73 | 0,81 | 0,88 | 0,95 | 1,02 | 1,09 | 1,16 | 1,23 | 1,30 | 1,37 | 1,43 |
| **5 000** | 0,76 | 0,84 | 0,91 | 0,99 | 1,06 | 1,13 | 1,21 | 1,28 | 1,35 | 1,42 | 1,49 |
| **5 200** | 0,79 | 0,87 | 0,95 | 1,02 | 1,10 | 1,18 | 1,25 | 1,33 | 1,40 | 1,47 | 1,55 |
| **5 400** | 0,82 | 0,90 | 0,98 | 1,06 | 1,14 | 1,22 | 1,30 | 1,37 | 1,45 | 1,53 | 1,60 |
| **5 600** | 0,85 | 0,94 | 1,02 | 1,10 | 1,18 | 1,26 | 1,34 | 1,42 | 1,50 | 1,58 | 1,66 |
| **5 800** | 0,88 | 0,97 | 1,05 | 1,14 | 1,22 | 1,31 | 1,39 | 1,47 | 1,55 | 1,63 | 1,71 |
| **6 000** | 0,91 | 1,00 | 1,09 | 1,18 | 1,26 | 1,35 | 1,43 | 1,52 | 1,60 | 1,68 | 1,76 |
| **6 200** | 0,94 | 1,03 | 1,12 | 1,21 | 1,30 | 1,39 | 1,48 | 1,56 | 1,65 | 1,73 | 1,82 |
| **6 400** | 0,97 | 1,07 | 1,16 | 1,25 | 1,34 | 1,43 | 1,52 | 1,61 | 1,70 | 1,78 | 1,87 |
| **6 600** | 1,00 | 1,10 | 1,19 | 1,29 | 1,38 | 1,48 | 1,57 | 1,66 | 1,75 | 1,83 | 1,92 |
| **6 800** | 1,03 | 1,13 | 1,23 | 1,33 | 1,42 | 1,52 | 1,61 | 1,70 | 1,79 | 1,88 | 1,97 |
| **7 000** | 1,06 | 1,16 | 1,26 | 1,36 | 1,46 | 1,56 | 1,66 | 1,75 | 1,84 | 1,93 | 2,02 |
| **7 200** | 1,09 | 1,19 | 1,30 | 1,40 | 1,50 | 1,60 | 1,70 | 1,79 | 1,89 | 1,98 | 2,07 |
| **7 400** | 1,12 | 1,23 | 1,33 | 1,44 | 1,54 | 1,64 | 1,74 | 1,84 | 1,94 | 2,03 | 2,12 |
| **7 600** | 1,15 | 1,26 | 1,37 | 1,47 | 1,58 | 1,68 | 1,78 | 1,88 | 1,98 | 2,08 | 2,17 |
| **7 800** | 1,18 | 1,29 | 1,40 | 1,51 | 1,62 | 1,72 | 1,83 | 1,93 | 2,03 | 2,12 | 2,22 |
| **8 000** | 1,21 | 1,32 | 1,43 | 1,55 | 1,66 | 1,76 | 1,87 | 1,97 | 2,07 | 2,17 | 2,26 |
| **8 200** | 1,23 | 1,35 | 1,47 | 1,58 | 1,69 | 1,80 | 1,91 | 2,01 | 2,12 | 2,21 | 2,31 |
| **8 400** | 1,26 | 1,38 | 1,50 | 1,62 | 1,73 | 1,84 | 1,95 | 2,06 | 2,16 | 2,26 | 2,36 |
| **8 600** | 1,29 | 1,41 | 1,53 | 1,65 | 1,77 | 1,88 | 1,99 | 2,10 | 2,20 | 2,30 | 2,40 |
| **8 800** | 1,32 | 1,45 | 1,57 | 1,69 | 1,81 | 1,92 | 2,03 | 2,14 | 2,25 | 2,35 | 2,45 |
| **9 000** | 1,35 | 1,48 | 1,60 | 1,72 | 1,84 | 1,96 | 2,07 | 2,18 | 2,29 | 2,39 | 2,49 |
| **9 200** | 1,38 | 1,51 | 1,63 | 1,76 | 1,88 | 2,00 | 2,11 | 2,22 | 2,33 | 2,43 | 2,53 |
| **9 400** | 1,41 | 1,54 | 1,67 | 1,79 | 1,91 | 2,03 | 2,15 | 2,26 | 2,37 | 2,47 | 2,57 |
| **9 600** | 1,43 | 1,57 | 1,70 | 1,83 | 1,95 | 2,07 | 2,19 | 2,30 | 2,41 | 2,51 | 2,61 |
| **9 800** | 1,46 | 1,60 | 1,73 | 1,86 | 1,99 | 2,11 | 2,23 | 2,34 | 2,45 | 2,55 | 2,65 |
| **10 000** | 1,49 | 1,63 | 1,76 | 1,89 | 2,02 | 2,15 | 2,26 | 2,38 | 2,49 | 2,59 | 2,69 |
| **10 200** | 1,52 | 1,66 | 1,79 | 1,93 | 2,06 | 2,18 | 2,30 | 2,42 | 2,53 | 2,63 | 2,73 |
| **10 400** | 1,55 | 1,69 | 1,83 | 1,96 | 2,09 | 2,22 | 2,34 | 2,45 | 2,56 | 2,67 | 2,77 |
| **10 600** | 1,57 | 1,72 | 1,86 | 1,99 | 2,13 | 2,25 | 2,37 | 2,49 | 2,60 | 2,71 | 2,80 |
| **10 800** | 1,60 | 1,75 | 1,89 | 2,03 | 2,16 | 2,29 | 2,41 | 2,53 | 2,64 | 2,74 | 2,84 |
| **11 000** | 1,63 | 1,78 | 1,92 | 2,06 | 2,19 | 2,32 | 2,45 | 2,56 | 2,67 | 2,78 | 2,87 |
| **11 500** | 1,70 | 1,85 | 2,00 | 2,14 | 2,28 | 2,41 | 2,53 | 2,65 | 2,76 | 2,86 | 2,95 |
| **12 000** | 1,76 | 1,92 | 2,07 | 2,22 | 2,36 | 2,49 | 2,61 | 2,73 | 2,84 | 2,94 | 3,03 |
| **12 500** | 1,83 | 1,99 | 2,15 | 2,29 | 2,43 | 2,57 | 2,69 | 2,81 | 2,91 | 3,01 | 3,09 |
| **13 000** | 1,89 | 2,06 | 2,22 | 2,37 | 2,51 | 2,64 | 2,77 | 2,88 | 2,98 | 3,07 | 3,15 |
| **13 500** | 1,96 | 2,13 | 2,29 | 2,44 | 2,58 | 2,72 | 2,84 | 2,95 | 3,05 | 3,13 | 3,21 |
| **14 000** | 2,02 | 2,19 | 2,36 | 2,51 | 2,65 | 2,79 | 2,91 | 3,01 | 3,11 | 3,19 | 3,25 |

| **Belt width** [in.] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 |
| **Width multiplier** | | | | | | | | | | |
| 0,15 | 0,21 | 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.

# Power ratings
## Section XL (25,4 mm wide)

**Table 8b**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Pitch diameter [mm] | 33,96 | 35,57 | 37,19 | 38,81 | 40,43 | 42,04 | 43,66 | 45,28 | 46,89 | 48,51 | 50,13 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,03 | 0,03 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,05 | 0,05 |
| **200** | 0,06 | 0,07 | 0,07 | 0,07 | 0,08 | 0,08 | 0,08 | 0,09 | 0,09 | 0,09 | 0,10 |
| **400** | 0,13 | 0,14 | 0,14 | 0,15 | 0,15 | 0,16 | 0,17 | 0,17 | 0,18 | 0,18 | 0,19 |
| **600** | 0,19 | 0,20 | 0,21 | 0,22 | 0,23 | 0,24 | 0,25 | 0,26 | 0,27 | 0,28 | 0,29 |
| **720** | 0,23 | 0,24 | 0,25 | 0,27 | 0,28 | 0,29 | 0,30 | 0,31 | 0,32 | 0,33 | 0,34 |
| **800** | 0,26 | 0,27 | 0,28 | 0,29 | 0,31 | 0,32 | 0,33 | 0,34 | 0,36 | 0,37 | 0,38 |
| **960** | 0,31 | 0,32 | 0,34 | 0,35 | 0,37 | 0,38 | 0,40 | 0,41 | 0,43 | 0,44 | 0,46 |
| **1 000** | 0,32 | 0,34 | 0,35 | 0,37 | 0,38 | 0,40 | 0,41 | 0,43 | 0,44 | 0,46 | 0,48 |
| **1 200** | 0,39 | 0,41 | 0,42 | 0,44 | 0,46 | 0,48 | 0,50 | 0,51 | 0,53 | 0,55 | 0,57 |
| **1 400** | 0,45 | 0,47 | 0,49 | 0,51 | 0,54 | 0,56 | 0,58 | 0,60 | 0,62 | 0,64 | 0,66 |
| **1 440** | 0,46 | 0,49 | 0,51 | 0,53 | 0,55 | 0,57 | 0,60 | 0,62 | 0,64 | 0,66 | 0,68 |
| **1 600** | 0,51 | 0,54 | 0,56 | 0,59 | 0,61 | 0,64 | 0,66 | 0,68 | 0,71 | 0,73 | 0,76 |
| **1 800** | 0,58 | 0,61 | 0,63 | 0,66 | 0,69 | 0,71 | 0,74 | 0,77 | 0,80 | 0,82 | 0,85 |
| **2 000** | 0,64 | 0,67 | 0,70 | 0,73 | 0,76 | 0,79 | 0,82 | 0,85 | 0,88 | 0,91 | 0,94 |
| **2 200** | 0,71 | 0,74 | 0,77 | 0,81 | 0,84 | 0,87 | 0,90 | 0,94 | 0,97 | 1,00 | 1,03 |
| **2 400** | 0,77 | 0,81 | 0,84 | 0,88 | 0,91 | 0,95 | 0,98 | 1,02 | 1,05 | 1,09 | 1,12 |
| **2 600** | 0,83 | 0,87 | 0,91 | 0,95 | 0,99 | 1,02 | 1,06 | 1,10 | 1,14 | 1,18 | 1,21 |
| **2 800** | 0,89 | 0,94 | 0,98 | 1,02 | 1,06 | 1,10 | 1,14 | 1,18 | 1,22 | 1,26 | 1,30 |
| **2 880** | 0,92 | 0,96 | 1,00 | 1,05 | 1,09 | 1,13 | 1,17 | 1,22 | 1,26 | 1,30 | 1,34 |
| **3 000** | 0,96 | 1,00 | 1,05 | 1,09 | 1,13 | 1,18 | 1,22 | 1,26 | 1,31 | 1,35 | 1,39 |
| **3 200** | 1,02 | 1,07 | 1,11 | 1,16 | 1,21 | 1,25 | 1,30 | 1,34 | 1,39 | 1,43 | 1,48 |
| **3 400** | 1,08 | 1,13 | 1,18 | 1,23 | 1,28 | 1,33 | 1,37 | 1,42 | 1,47 | 1,52 | 1,56 |
| **3 600** | 1,14 | 1,19 | 1,25 | 1,30 | 1,35 | 1,40 | 1,45 | 1,50 | 1,55 | 1,60 | 1,65 |
| **3 800** | 1,20 | 1,26 | 1,31 | 1,37 | 1,42 | 1,47 | 1,53 | 1,58 | 1,63 | 1,68 | 1,73 |
| **4 000** | 1,26 | 1,32 | 1,38 | 1,43 | 1,49 | 1,55 | 1,60 | 1,66 | 1,71 | 1,76 | 1,82 |
| **4 200** | 1,32 | 1,38 | 1,44 | 1,50 | 1,56 | 1,62 | 1,67 | 1,73 | 1,79 | 1,84 | 1,90 |
| **4 400** | 1,38 | 1,45 | 1,51 | 1,57 | 1,63 | 1,69 | 1,75 | 1,81 | 1,86 | 1,92 | 1,98 |
| **4 600** | 1,44 | 1,51 | 1,57 | 1,63 | 1,70 | 1,76 | 1,82 | 1,88 | 1,94 | 2,00 | 2,05 |
| **4 800** | 1,50 | 1,57 | 1,63 | 1,70 | 1,76 | 1,83 | 1,89 | 1,95 | 2,01 | 2,07 | 2,13 |
| **5 000** | 1,56 | 1,63 | 1,70 | 1,76 | 1,83 | 1,89 | 1,96 | 2,02 | 2,08 | 2,15 | 2,21 |
| **5 200** | 1,62 | 1,69 | 1,76 | 1,83 | 1,89 | 1,96 | 2,03 | 2,09 | 2,15 | 2,22 | 2,28 |
| **5 400** | 1,67 | 1,75 | 1,82 | 1,89 | 1,96 | 2,03 | 2,09 | 2,16 | 2,22 | 2,29 | 2,35 |
| **5 600** | 1,73 | 1,81 | 1,88 | 1,95 | 2,02 | 2,09 | 2,16 | 2,23 | 2,29 | 2,36 | 2,42 |
| **5 800** | 1,79 | 1,86 | 1,94 | 2,01 | 2,08 | 2,15 | 2,22 | 2,29 | 2,36 | 2,42 | 2,49 |
| **6 000** | 1,84 | 1,92 | 2,00 | 2,07 | 2,15 | 2,22 | 2,29 | 2,36 | 2,42 | 2,49 | 2,55 |
| **6 200** | 1,90 | 1,98 | 2,05 | 2,13 | 2,21 | 2,28 | 2,35 | 2,42 | 2,49 | 2,55 | 2,62 |
| **6 400** | 1,95 | 2,03 | 2,11 | 2,19 | 2,26 | 2,34 | 2,41 | 2,48 | 2,55 | 2,61 | 2,68 |
| **6 600** | 2,00 | 2,09 | 2,17 | 2,25 | 2,32 | 2,40 | 2,47 | 2,54 | 2,61 | 2,67 | 2,74 |
| **6 800** | 2,06 | 2,14 | 2,22 | 2,30 | 2,38 | 2,45 | 2,53 | 2,60 | 2,66 | 2,73 | 2,79 |
| **7 000** | 2,11 | 2,19 | 2,28 | 2,36 | 2,43 | 2,51 | 2,58 | 2,65 | 2,72 | 2,79 | 2,85 |
| **7 200** | 2,16 | 2,25 | 2,33 | 2,41 | 2,49 | 2,56 | 2,64 | 2,71 | 2,77 | 2,84 | 2,90 |
| **7 400** | 2,21 | 2,30 | 2,38 | 2,46 | 2,54 | 2,62 | 2,69 | 2,76 | 2,83 | 2,89 | 2,95 |
| **7 600** | 2,26 | 2,35 | 2,43 | 2,51 | 2,59 | 2,67 | 2,74 | 2,81 | 2,88 | 2,94 | 3,00 |
| **7 800** | 2,31 | 2,40 | 2,48 | 2,56 | 2,64 | 2,72 | 2,79 | 2,86 | 2,92 | 2,98 | 3,04 |
| **8 000** | 2,36 | 2,45 | 2,53 | 2,61 | 2,69 | 2,77 | 2,84 | 2,91 | 2,97 | 3,03 | 3,08 |
| **8 200** | 2,40 | 2,49 | 2,58 | 2,66 | 2,74 | 2,81 | 2,88 | 2,95 | 3,01 | 3,07 | 3,12 |
| **8 400** | 2,45 | 2,54 | 2,63 | 2,71 | 2,79 | 2,86 | 2,93 | 2,99 | 3,05 | 3,11 | 3,16 |
| **8 600** | 2,49 | 2,58 | 2,67 | 2,75 | 2,83 | 2,90 | 2,97 | 3,03 | 3,09 | 3,14 | 3,19 |
| **8 800** | 2,54 | 2,63 | 2,71 | 2,80 | 2,87 | 2,94 | 3,01 | 3,07 | 3,13 | 3,18 | 3,22 |
| **9 000** | 2,58 | 2,67 | 2,76 | 2,84 | 2,91 | 2,98 | 3,05 | 3,11 | 3,16 | 3,21 | 3,25 |
| **9 200** | 2,63 | 2,71 | 2,80 | 2,88 | 2,95 | 3,02 | 3,08 | 3,14 | 3,19 | 3,23 | 3,27 |
| **9 400** | 2,67 | 2,76 | 2,84 | 2,92 | 2,99 | 3,06 | 3,12 | 3,17 | 3,22 | 3,26 | 3,29 |
| **9 600** | 2,71 | 2,80 | 2,88 | 2,96 | 3,03 | 3,09 | 3,15 | 3,20 | 3,25 | 3,28 | 3,31 |
| **9 800** | 2,75 | 2,83 | 2,92 | 2,99 | 3,06 | 3,12 | 3,18 | 3,23 | 3,27 | 3,30 | 3,33 |
| **10 000** | 2,79 | 2,87 | 2,95 | 3,03 | 3,09 | 3,15 | 3,21 | 3,25 | 3,29 | 3,32 | 3,34 |
| **10 200** | 2,82 | 2,91 | 2,99 | 3,06 | 3,13 | 3,18 | 3,23 | 3,27 | 3,31 | 3,33 | 3,34 |
| **10 400** | 2,86 | 2,94 | 3,02 | 3,09 | 3,15 | 3,21 | 3,26 | 3,29 | 3,32 | 3,34 | 3,35 |
| **10 600** | 2,89 | 2,98 | 3,05 | 3,12 | 3,18 | 3,23 | 3,28 | 3,31 | 3,33 | 3,35 | 3,35 |
| **10 800** | 2,93 | 3,01 | 3,08 | 3,15 | 3,21 | 3,26 | 3,29 | 3,32 | 3,34 | 3,35 | – |
| **11 000** | 2,96 | 3,04 | 3,11 | 3,18 | 3,23 | 3,27 | 3,31 | 3,33 | 3,35 | – | – |
| **11 500** | 3,04 | 3,11 | 3,18 | 3,23 | 3,28 | 3,31 | 3,34 | 3,35 | 3,35 | – | – |
| **12 000** | 3,11 | 3,18 | 3,23 | 3,28 | 3,32 | 3,34 | 3,35 | – | – | – | – |
| **12 500** | 3,17 | 3,23 | 3,28 | 3,32 | 3,34 | 3,35 | – | – | – | – | – |
| **13 000** | 3,22 | 3,27 | 3,31 | 3,34 | 3,35 | – | – | – | – | – | – |
| **13 500** | 3,27 | 3,31 | 3,34 | 3,35 | – | – | – | – | – | – | – |
| **14 000** | 3,30 | 3,33 | 3,35 | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 |
| **Width multiplier** | | | | | | | | | | |
| 0,15 | 0,21 | 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section L (25,4 mm wide)

**Table 8c**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Pitch diameter [mm] | 36,38 | 39,41 | 42,45 | 45,48 | 48,51 | 51,54 | 54,57 | 57,61 | 60,64 | 63,67 | 66,70 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,05 | 0,05 | 0,05 | 0,06 | 0,06 | 0,07 | 0,07 | 0,07 | 0,08 | 0,08 | 0,08 |
| **200** | 0,09 | 0,10 | 0,11 | 0,12 | 0,12 | 0,13 | 0,14 | 0,15 | 0,15 | 0,16 | 0,17 |
| **400** | 0,18 | 0,20 | 0,21 | 0,23 | 0,25 | 0,26 | 0,28 | 0,29 | 0,31 | 0,32 | 0,34 |
| **600** | 0,28 | 0,30 | 0,32 | 0,35 | 0,37 | 0,39 | 0,41 | 0,44 | 0,46 | 0,48 | 0,51 |
| **720** | 0,33 | 0,36 | 0,39 | 0,41 | 0,44 | 0,47 | 0,50 | 0,52 | 0,55 | 0,58 | 0,61 |
| **800** | 0,37 | 0,40 | 0,43 | 0,46 | 0,49 | 0,52 | 0,55 | 0,58 | 0,61 | 0,64 | 0,67 |
| **960** | 0,44 | 0,48 | 0,51 | 0,55 | 0,59 | 0,62 | 0,66 | 0,70 | 0,73 | 0,77 | 0,81 |
| **1 000** | 0,46 | 0,50 | 0,54 | 0,57 | 0,61 | 0,65 | 0,69 | 0,73 | 0,76 | 0,80 | 0,84 |
| **1 200** | 0,55 | 0,60 | 0,64 | 0,69 | 0,73 | 0,78 | 0,83 | 0,87 | 0,92 | 0,96 | 1,01 |
| **1 400** | 0,64 | 0,70 | 0,75 | 0,80 | 0,86 | 0,91 | 0,96 | 1,01 | 1,07 | 1,12 | 1,17 |
| **1 440** | 0,66 | 0,72 | 0,77 | 0,83 | 0,88 | 0,93 | 0,99 | 1,04 | 1,10 | 1,15 | 1,20 |
| **1 600** | 0,73 | 0,80 | 0,86 | 0,92 | 0,98 | 1,04 | 1,10 | 1,16 | 1,22 | 1,28 | 1,33 |
| **1 800** | 0,83 | 0,89 | 0,96 | 1,03 | 1,10 | 1,16 | 1,23 | 1,30 | 1,36 | 1,43 | 1,50 |
| **2 000** | 0,92 | 0,99 | 1,07 | 1,14 | 1,22 | 1,29 | 1,36 | 1,44 | 1,51 | 1,58 | 1,66 |
| **2 200** | 1,01 | 1,09 | 1,17 | 1,25 | 1,33 | 1,42 | 1,50 | 1,58 | 1,66 | 1,74 | 1,82 |
| **2 400** | 1,10 | 1,19 | 1,28 | 1,36 | 1,45 | 1,54 | 1,63 | 1,71 | 1,80 | 1,89 | 1,97 |
| **2 600** | 1,19 | 1,28 | 1,38 | 1,47 | 1,57 | 1,66 | 1,76 | 1,85 | 1,94 | 2,03 | 2,12 |
| **2 800** | 1,28 | 1,38 | 1,48 | 1,58 | 1,69 | 1,79 | 1,89 | 1,99 | 2,08 | 2,18 | 2,28 |
| **2 880** | 1,31 | 1,42 | 1,52 | 1,63 | 1,73 | 1,84 | 1,94 | 2,04 | 2,14 | 2,24 | 2,34 |
| **3 000** | 1,36 | 1,47 | 1,58 | 1,69 | 1,80 | 1,91 | 2,01 | 2,12 | 2,22 | 2,32 | 2,42 |
| **3 200** | 1,45 | 1,57 | 1,69 | 1,80 | 1,91 | 2,03 | 2,14 | 2,25 | 2,36 | 2,46 | 2,57 |
| **3 400** | 1,54 | 1,66 | 1,79 | 1,91 | 2,03 | 2,15 | 2,26 | 2,38 | 2,49 | 2,60 | 2,71 |
| **3 600** | 1,63 | 1,76 | 1,89 | 2,01 | 2,14 | 2,26 | 2,38 | 2,50 | 2,62 | 2,74 | 2,85 |
| **3 800** | 1,71 | 1,85 | 1,99 | 2,12 | 2,25 | 2,38 | 2,50 | 2,63 | 2,75 | 2,87 | 2,99 |
| **4 000** | 1,80 | 1,94 | 2,08 | 2,22 | 2,36 | 2,49 | 2,62 | 2,75 | 2,88 | 3,00 | 3,12 |
| **4 200** | 1,89 | 2,03 | 2,18 | 2,32 | 2,46 | 2,60 | 2,74 | 2,87 | 3,00 | 3,13 | 3,25 |
| **4 400** | 1,97 | 2,12 | 2,28 | 2,42 | 2,57 | 2,71 | 2,85 | 2,99 | 3,12 | 3,25 | 3,37 |
| **4 600** | 2,06 | 2,21 | 2,37 | 2,52 | 2,67 | 2,82 | 2,96 | 3,10 | 3,24 | 3,37 | 3,49 |
| **4 800** | 2,14 | 2,30 | 2,46 | 2,62 | 2,78 | 2,93 | 3,07 | 3,21 | 3,35 | 3,48 | 3,61 |
| **5 000** | 2,22 | 2,39 | 2,56 | 2,72 | 2,88 | 3,03 | 3,18 | 3,32 | 3,46 | 3,59 | 3,72 |
| **5 200** | 2,30 | 2,48 | 2,65 | 2,81 | 2,98 | 3,13 | 3,28 | 3,43 | 3,57 | 3,70 | 3,83 |
| **5 400** | 2,38 | 2,56 | 2,74 | 2,91 | 3,07 | 3,23 | 3,38 | 3,53 | 3,67 | 3,80 | 3,93 |
| **5 600** | 2,46 | 2,65 | 2,83 | 3,00 | 3,17 | 3,33 | 3,48 | 3,63 | 3,77 | 3,90 | 4,02 |
| **5 800** | 2,54 | 2,73 | 2,91 | 3,09 | 3,26 | 3,42 | 3,58 | 3,72 | 3,86 | 3,99 | 4,11 |
| **6 000** | 2,62 | 2,81 | 3,00 | 3,18 | 3,35 | 3,51 | 3,67 | 3,82 | 3,95 | 4,08 | 4,20 |
| **6 200** | 2,70 | 2,90 | 3,08 | 3,27 | 3,44 | 3,60 | 3,76 | 3,90 | 4,04 | 4,16 | 4,28 |
| **6 400** | 2,78 | 2,98 | 3,17 | 3,35 | 3,53 | 3,69 | 3,84 | 3,99 | 4,12 | 4,24 | 4,35 |
| **6 600** | 2,85 | 3,05 | 3,25 | 3,43 | 3,61 | 3,77 | 3,93 | 4,07 | 4,20 | 4,31 | 4,42 |
| **6 800** | 2,93 | 3,13 | 3,33 | 3,51 | 3,69 | 3,85 | 4,01 | 4,14 | 4,27 | 4,38 | 4,48 |
| **7 000** | 3,00 | 3,21 | 3,41 | 3,59 | 3,77 | 3,93 | 4,08 | 4,22 | 4,34 | 4,44 | 4,53 |
| **7 200** | 3,07 | 3,28 | 3,48 | 3,67 | 3,84 | 4,01 | 4,15 | 4,28 | 4,40 | 4,50 | 4,58 |
| **7 400** | 3,14 | 3,36 | 3,56 | 3,74 | 3,92 | 4,08 | 4,22 | 4,35 | 4,46 | 4,55 | 4,62 |
| **7 600** | 3,21 | 3,43 | 3,63 | 3,82 | 3,99 | 4,14 | 4,28 | 4,41 | 4,51 | 4,59 | 4,65 |
| **7 800** | 3,28 | 3,50 | 3,70 | 3,89 | 4,06 | 4,21 | 4,34 | 4,46 | 4,55 | 4,63 | 4,68 |
| **8 000** | 3,35 | 3,57 | 3,77 | 3,95 | 4,12 | 4,27 | 4,40 | 4,51 | 4,59 | 4,66 | 4,70 |
| **8 200** | 3,42 | 3,63 | 3,84 | 4,02 | 4,18 | 4,33 | 4,45 | 4,55 | 4,63 | 4,68 | 4,71 |
| **8 400** | 3,48 | 3,70 | 3,90 | 4,08 | 4,24 | 4,38 | 4,50 | 4,59 | 4,66 | 4,70 | 4,71 |
| **8 600** | 3,55 | 3,76 | 3,96 | 4,14 | 4,30 | 4,43 | 4,54 | 4,62 | 4,68 | 4,71 | – |
| **8 800** | 3,61 | 3,83 | 4,02 | 4,20 | 4,35 | 4,48 | 4,58 | 4,65 | 4,70 | 4,71 | – |
| **9 000** | 3,67 | 3,89 | 4,08 | 4,25 | 4,40 | 4,52 | 4,61 | 4,68 | 4,71 | – | – |
| **9 200** | 3,73 | 3,94 | 4,14 | 4,30 | 4,45 | 4,56 | 4,64 | 4,69 | 4,71 | – | – |
| **9 400** | 3,79 | 4,00 | 4,19 | 4,35 | 4,49 | 4,59 | 4,67 | 4,70 | – | – | – |
| **9 600** | 3,84 | 4,06 | 4,24 | 4,40 | 4,53 | 4,62 | 4,68 | 4,71 | – | – | – |
| **9 800** | 3,90 | 4,11 | 4,29 | 4,44 | 4,56 | 4,65 | 4,70 | 0,00 | – | – | – |
| **10 000** | 3,95 | 4,16 | 4,34 | 4,48 | 4,59 | 4,67 | 4,71 | 0,00 | – | – | – |
| **10 200** | 4,01 | 4,21 | 4,38 | 4,52 | 4,62 | 4,69 | 4,71 | 0,00 | – | – | – |
| **10 400** | 4,06 | 4,26 | 4,42 | 4,55 | 4,65 | 4,70 | – | – | – | – | – |
| **10 600** | 4,11 | 4,30 | 4,46 | 4,58 | 4,67 | 4,71 | – | – | – | – | – |
| **10 800** | 4,15 | 4,34 | 4,50 | 4,61 | 4,68 | 4,71 | – | – | – | – | – |
| **11 000** | 4,20 | 4,38 | 4,53 | 4,64 | 4,70 | 0,00 | – | – | – | – | – |
| **11 500** | 4,30 | 4,48 | 4,60 | 4,68 | 4,71 | 0,00 | – | – | – | – | – |
| **12 000** | 4,40 | 4,55 | 4,66 | 4,71 | – | – | – | – | – | – | – |
| **12 500** | 4,48 | 4,62 | 4,69 | 4,71 | – | – | – | – | – | – | – |
| **13 000** | 4,55 | 4,66 | 4,71 | – | – | – | – | – | – | – | – |
| **13 500** | 4,61 | 4,69 | 0,00 | – | – | – | – | – | – | – | – |
| **14 000** | 4,66 | 4,71 | 0,00 | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 | 6 |
| **Width multiplier** | | | | | | | | | | | | | | | | |
| 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 | 7,5 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section L (25,4 mm wide)

**Table 8d**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| Pitch diameter [mm] | 69,73 | 72,77 | 75,80 | 78,83 | 81,86 | 84,89 | 87,93 | 90,96 | 93,99 | 97,02 | 100,05 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,09 | 0,09 | 0,10 | 0,10 | 0,10 | 0,11 | 0,11 | 0,12 | 0,12 | 0,12 | 0,13 |
| **200** | 0,18 | 0,18 | 0,19 | 0,20 | 0,21 | 0,21 | 0,22 | 0,23 | 0,24 | 0,25 | 0,25 |
| **400** | 0,35 | 0,37 | 0,38 | 0,40 | 0,41 | 0,43 | 0,44 | 0,46 | 0,48 | 0,49 | 0,51 |
| **600** | 0,53 | 0,55 | 0,57 | 0,60 | 0,62 | 0,64 | 0,67 | 0,69 | 0,71 | 0,73 | 0,76 |
| **720** | 0,63 | 0,66 | 0,69 | 0,72 | 0,74 | 0,77 | 0,80 | 0,83 | 0,85 | 0,88 | 0,91 |
| **800** | 0,70 | 0,73 | 0,76 | 0,80 | 0,83 | 0,86 | 0,89 | 0,92 | 0,95 | 0,98 | 1,01 |
| **960** | 0,84 | 0,88 | 0,92 | 0,95 | 0,99 | 1,02 | 1,06 | 1,10 | 1,13 | 1,17 | 1,20 |
| **1 000** | 0,88 | 0,92 | 0,95 | 0,99 | 1,03 | 1,07 | 1,10 | 1,14 | 1,18 | 1,22 | 1,25 |
| **1 200** | 1,05 | 1,10 | 1,14 | 1,19 | 1,23 | 1,28 | 1,32 | 1,36 | 1,41 | 1,45 | 1,50 |
| **1 400** | 1,22 | 1,28 | 1,33 | 1,38 | 1,43 | 1,48 | 1,53 | 1,58 | 1,64 | 1,69 | 1,74 |
| **1 440** | 1,26 | 1,31 | 1,36 | 1,42 | 1,47 | 1,52 | 1,58 | 1,63 | 1,68 | 1,73 | 1,78 |
| **1 600** | 1,39 | 1,45 | 1,51 | 1,57 | 1,63 | 1,69 | 1,74 | 1,80 | 1,86 | 1,91 | 1,97 |
| **1 800** | 1,56 | 1,63 | 1,69 | 1,76 | 1,82 | 1,89 | 1,95 | 2,01 | 2,08 | 2,14 | 2,20 |
| **2 000** | 1,73 | 1,80 | 1,87 | 1,94 | 2,01 | 2,08 | 2,15 | 2,22 | 2,29 | 2,36 | 2,42 |
| **2 200** | 1,89 | 1,97 | 2,05 | 2,12 | 2,20 | 2,28 | 2,35 | 2,42 | 2,50 | 2,57 | 2,64 |
| **2 400** | 2,06 | 2,14 | 2,22 | 2,30 | 2,38 | 2,46 | 2,54 | 2,62 | 2,70 | 2,78 | 2,85 |
| **2 600** | 2,21 | 2,30 | 2,39 | 2,48 | 2,56 | 2,65 | 2,73 | 2,81 | 2,90 | 2,98 | 3,05 |
| **2 800** | 2,37 | 2,46 | 2,56 | 2,65 | 2,74 | 2,83 | 2,91 | 3,00 | 3,08 | 3,17 | 3,25 |
| **2 880** | 2,43 | 2,53 | 2,62 | 2,72 | 2,81 | 2,90 | 2,99 | 3,07 | 3,16 | 3,24 | 3,32 |
| **3 000** | 2,52 | 2,62 | 2,72 | 2,81 | 2,91 | 3,00 | 3,09 | 3,18 | 3,27 | 3,35 | 3,43 |
| **3 200** | 2,67 | 2,78 | 2,88 | 2,98 | 3,07 | 3,17 | 3,26 | 3,35 | 3,44 | 3,53 | 3,61 |
| **3 400** | 2,82 | 2,93 | 3,03 | 3,13 | 3,23 | 3,33 | 3,42 | 3,51 | 3,60 | 3,69 | 3,77 |
| **3 600** | 2,96 | 3,07 | 3,18 | 3,28 | 3,38 | 3,48 | 3,58 | 3,67 | 3,76 | 3,84 | 3,93 |
| **3 800** | 3,10 | 3,21 | 3,32 | 3,43 | 3,53 | 3,63 | 3,72 | 3,82 | 3,90 | 3,99 | 4,07 |
| **4 000** | 3,24 | 3,35 | 3,46 | 3,57 | 3,67 | 3,77 | 3,86 | 3,95 | 4,04 | 4,12 | 4,20 |
| **4 200** | 3,37 | 3,48 | 3,59 | 3,70 | 3,80 | 3,90 | 3,99 | 4,08 | 4,16 | 4,24 | 4,31 |
| **4 400** | 3,49 | 3,61 | 3,72 | 3,83 | 3,93 | 4,02 | 4,11 | 4,20 | 4,28 | 4,35 | 4,42 |
| **4 600** | 3,61 | 3,73 | 3,84 | 3,94 | 4,04 | 4,14 | 4,22 | 4,30 | 4,38 | 4,45 | 4,51 |
| **4 800** | 3,73 | 3,84 | 3,95 | 4,06 | 4,15 | 4,24 | 4,32 | 4,40 | 4,47 | 4,53 | 4,58 |
| **5 000** | 3,84 | 3,95 | 4,06 | 4,16 | 4,25 | 4,34 | 4,41 | 4,48 | 4,54 | 4,59 | 4,64 |
| **5 200** | 3,94 | 4,06 | 4,16 | 4,26 | 4,34 | 4,42 | 4,49 | 4,55 | 4,61 | 4,65 | 4,68 |
| **5 400** | 4,04 | 4,15 | 4,25 | 4,34 | 4,43 | 4,50 | 4,56 | 4,61 | 4,65 | 4,68 | 4,70 |
| **5 600** | 4,14 | 4,24 | 4,34 | 4,42 | 4,50 | 4,56 | 4,62 | 4,66 | 4,69 | 4,70 | 4,71 |
| **5 800** | 4,22 | 4,32 | 4,41 | 4,49 | 4,56 | 4,62 | 4,66 | 4,69 | 4,71 | 4,71 | – |
| **6 000** | 4,30 | 4,40 | 4,48 | 4,55 | 4,61 | 4,66 | 4,69 | 4,71 | 4,71 | – | – |
| **6 200** | 4,38 | 4,47 | 4,54 | 4,61 | 4,65 | 4,69 | 4,71 | 4,71 | – | – | – |
| **6 400** | 4,45 | 4,53 | 4,59 | 4,65 | 4,68 | 4,70 | 4,71 | – | – | – | – |
| **6 600** | 4,51 | 4,58 | 4,64 | 4,68 | 4,70 | 4,71 | – | – | – | – | – |
| **6 800** | 4,56 | 4,62 | 4,67 | 4,70 | 4,71 | – | – | – | – | – | – |
| **7 000** | 4,60 | 4,66 | 4,69 | 4,71 | – | – | – | – | – | – | – |
| **7 200** | 4,64 | 4,68 | 4,71 | – | – | – | – | – | – | – | – |
| **7 400** | 4,67 | 4,70 | 4,71 | – | – | – | – | – | – | – | – |
| **7 600** | 4,69 | 4,71 | | – | – | – | – | – | – | – | – |
| **7 800** | 4,71 | – | – | – | – | – | – | – | – | – | – |
| **8 000** | 4,71 | – | – | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 | 6 |
| **Width multiplier** | | | | | | | | | | | | | | | | |
| 0,28 | 0,35 | 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 | 7,5 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section H (25,4 mm wide)

**Table 8e**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Pitch diameter [mm] | 64,68 | 68,72 | 72,77 | 76,81 | 80,85 | 84,89 | 88,94 | 92,98 | 97,02 | 101,06 | 105,11 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,21 | 0,22 | 0,23 | 0,25 | 0,26 | 0,27 | 0,29 | 0,30 | 0,31 | 0,33 | 0,34 |
| **200** | 0,42 | 0,44 | 0,47 | 0,50 | 0,52 | 0,55 | 0,57 | 0,60 | 0,63 | 0,65 | 0,68 |
| **300** | 0,63 | 0,66 | 0,70 | 0,74 | 0,78 | 0,82 | 0,86 | 0,90 | 0,94 | 0,98 | 1,02 |
| **400** | 0,83 | 0,89 | 0,94 | 0,99 | 1,04 | 1,09 | 1,15 | 1,20 | 1,25 | 1,30 | 1,35 |
| **500** | 1,04 | 1,11 | 1,17 | 1,24 | 1,30 | 1,37 | 1,43 | 1,50 | 1,56 | 1,63 | 1,69 |
| **600** | 1,25 | 1,33 | 1,41 | 1,48 | 1,56 | 1,64 | 1,72 | 1,79 | 1,87 | 1,95 | 2,03 |
| **700** | 1,46 | 1,55 | 1,64 | 1,73 | 1,82 | 1,91 | 2,00 | 2,09 | 2,18 | 2,27 | 2,36 |
| **720** | 1,50 | 1,59 | 1,69 | 1,78 | 1,87 | 1,97 | 2,06 | 2,15 | 2,25 | 2,34 | 2,43 |
| **800** | 1,67 | 1,77 | 1,87 | 1,98 | 2,08 | 2,18 | 2,29 | 2,39 | 2,49 | 2,60 | 2,70 |
| **900** | 1,87 | 1,99 | 2,11 | 2,22 | 2,34 | 2,45 | 2,57 | 2,69 | 2,80 | 2,92 | 3,03 |
| **960** | 2,00 | 2,12 | 2,25 | 2,37 | 2,49 | 2,62 | 2,74 | 2,86 | 2,99 | 3,11 | 3,23 |
| **1 000** | 2,08 | 2,21 | 2,34 | 2,47 | 2,60 | 2,72 | 2,85 | 2,98 | 3,11 | 3,24 | 3,37 |
| **1 200** | 2,49 | 2,65 | 2,80 | 2,96 | 3,11 | 3,26 | 3,42 | 3,57 | 3,72 | 3,88 | 4,03 |
| **1 400** | 2,90 | 3,08 | 3,26 | 3,44 | 3,62 | 3,80 | 3,98 | 4,15 | 4,33 | 4,51 | 4,68 |
| **1 440** | 2,99 | 3,17 | 3,36 | 3,54 | 3,72 | 3,91 | 4,09 | 4,27 | 4,45 | 4,63 | 4,81 |
| **1 600** | 3,31 | 3,52 | 3,72 | 3,93 | 4,13 | 4,33 | 4,53 | 4,73 | 4,93 | 5,13 | 5,33 |
| **1 800** | 3,72 | 3,95 | 4,18 | 4,41 | 4,63 | 4,86 | 5,08 | 5,31 | 5,53 | 5,75 | 5,97 |
| **2 000** | 4,13 | 4,38 | 4,63 | 4,88 | 5,13 | 5,38 | 5,63 | 5,87 | 6,12 | 6,36 | 6,60 |
| **2 200** | 4,53 | 4,81 | 5,08 | 5,36 | 5,63 | 5,90 | 6,16 | 6,43 | 6,70 | 6,96 | 7,22 |
| **2 400** | 4,93 | 5,23 | 5,53 | 5,82 | 6,12 | 6,41 | 6,70 | 6,98 | 7,27 | 7,55 | 7,83 |
| **2 600** | 5,33 | 5,65 | 5,97 | 6,29 | 6,60 | 6,91 | 7,22 | 7,52 | 7,83 | 8,13 | 8,42 |
| **2 800** | 5,73 | 6,07 | 6,41 | 6,74 | 7,08 | 7,41 | 7,73 | 8,06 | 8,38 | 8,69 | 9,00 |
| **2 880** | 5,88 | 6,23 | 6,58 | 6,93 | 7,27 | 7,60 | 7,94 | 8,27 | 8,59 | 8,92 | 9,23 |
| **3 000** | 6,12 | 6,48 | 6,84 | 7,20 | 7,55 | 7,90 | 8,24 | 8,58 | 8,92 | 9,25 | 9,57 |
| **3 200** | 6,50 | 6,89 | 7,27 | 7,64 | 8,01 | 8,38 | 8,74 | 9,09 | 9,44 | 9,78 | 10,12 |
| **3 400** | 6,89 | 7,29 | 7,69 | 8,08 | 8,47 | 8,85 | 9,22 | 9,59 | 9,95 | 10,31 | 10,66 |
| **3 600** | 7,27 | 7,69 | 8,10 | 8,51 | 8,92 | 9,31 | 9,70 | 10,08 | 10,45 | 10,82 | 11,17 |
| **3 800** | 7,64 | 8,08 | 8,51 | 8,94 | 9,35 | 9,76 | 10,16 | 10,55 | 10,94 | 11,31 | 11,67 |
| **4 000** | 8,01 | 8,47 | 8,92 | 9,35 | 9,78 | 10,21 | 10,62 | 11,02 | 11,40 | 11,78 | 12,15 |
| **4 200** | 8,38 | 8,85 | 9,31 | 9,76 | 10,21 | 10,64 | 11,05 | 11,46 | 11,86 | 12,24 | 12,60 |
| **4 400** | 8,74 | 9,22 | 9,70 | 10,16 | 10,62 | 11,05 | 11,48 | 11,89 | 12,29 | 12,67 | 13,04 |
| **4 600** | 9,09 | 9,59 | 10,08 | 10,55 | 11,02 | 11,46 | 11,89 | 12,31 | 12,71 | 13,09 | 13,45 |
| **4 800** | 9,44 | 9,95 | 10,45 | 10,94 | 11,40 | 11,86 | 12,29 | 12,71 | 13,10 | 13,48 | 13,84 |
| **5 000** | 9,78 | 10,31 | 10,82 | 11,31 | 11,78 | 12,24 | 12,67 | 13,09 | 13,48 | 13,85 | 14,20 |
| **5 200** | 10,12 | 10,66 | 11,17 | 11,67 | 12,15 | 12,60 | 13,04 | 13,45 | 13,84 | 14,20 | 14,53 |
| **5 400** | 10,45 | 11,00 | 11,52 | 12,02 | 12,50 | 12,96 | 13,39 | 13,79 | 14,17 | 14,52 | 14,84 |
| **5 600** | 10,78 | 11,33 | 11,86 | 12,36 | 12,84 | 13,29 | 13,72 | 14,12 | 14,48 | 14,82 | 15,12 |
| **5 800** | 11,09 | 11,65 | 12,18 | 12,69 | 13,17 | 13,61 | 14,03 | 14,42 | 14,77 | 15,09 | 15,37 |
| **6 000** | 11,40 | 11,97 | 12,50 | 13,00 | 13,48 | 13,92 | 14,33 | 14,70 | 15,04 | 15,33 | 15,59 |
| **6 200** | 11,71 | 12,27 | 12,81 | 13,31 | 13,78 | 14,21 | 14,61 | 14,96 | 15,28 | 15,55 | 15,78 |
| **6 400** | 12,00 | 12,57 | 13,10 | 13,60 | 14,06 | 14,48 | 14,86 | 15,20 | 15,49 | 15,74 | 15,93 |
| **6 600** | 12,29 | 12,86 | 13,39 | 13,88 | 14,33 | 14,74 | 15,10 | 15,41 | 15,68 | 15,89 | 16,05 |
| **6 800** | 12,57 | 13,13 | 13,66 | 14,14 | 14,58 | 14,97 | 15,31 | 15,60 | 15,84 | 16,02 | 16,14 |
| **7 000** | 12,84 | 13,40 | 13,92 | 14,39 | 14,82 | 15,19 | 15,51 | 15,77 | 15,97 | 16,11 | 16,19 |
| **7 200** | 13,10 | 13,66 | 14,17 | 14,63 | 15,04 | 15,39 | 15,68 | 15,91 | 16,08 | 16,17 | 16,20 |
| **7 400** | 13,36 | 13,91 | 14,41 | 14,85 | 15,24 | 15,56 | 15,83 | 16,02 | 16,15 | 16,20 | – |
| **7 600** | 13,60 | 14,14 | 14,63 | 15,06 | 15,42 | 15,72 | 15,95 | 16,11 | 16,19 | – | – |
| **7 800** | 13,84 | 14,37 | 14,84 | 15,25 | 15,59 | 15,86 | 16,05 | 16,17 | 16,20 | – | – |
| **8 000** | 14,06 | 14,58 | 15,04 | 15,42 | 15,74 | 15,97 | 16,13 | 16,20 | – | – | – |
| **8 200** | 14,28 | 14,78 | 15,22 | 15,58 | 15,86 | 16,06 | 16,18 | 16,20 | – | – | – |
| **8 400** | 14,48 | 14,97 | 15,39 | 15,72 | 15,97 | 16,13 | 16,20 | – | – | – | – |
| **8 600** | 14,68 | 15,15 | 15,54 | 15,85 | 16,06 | 16,18 | – | – | – | – | – |
| **8 800** | 14,86 | 15,31 | 15,68 | 15,95 | 16,13 | 16,20 | – | – | – | – | – |
| **9 000** | 15,04 | 15,47 | 15,80 | 16,04 | 16,17 | – | – | – | – | – | – |
| **9 200** | 15,20 | 15,60 | 15,91 | 16,11 | 16,20 | – | – | – | – | – | – |
| **9 400** | 15,35 | 15,73 | 16,00 | 16,16 | 16,20 | – | – | – | – | – | – |
| **9 600** | 15,49 | 15,84 | 16,08 | 16,19 | – | – | – | – | – | – | – |
| **9 800** | 15,62 | 15,94 | 16,13 | 16,20 | – | – | – | – | – | – | – |
| **10 000** | 15,74 | 16,02 | 16,17 | – | – | – | – | – | – | – | – |
| **10 200** | 15,84 | 16,09 | 16,20 | – | – | – | – | – | – | – | – |
| **10 400** | 15,93 | 16,14 | – | – | – | – | – | – | – | – | – |
| **10 600** | 16,01 | 16,18 | – | – | – | – | – | – | – | – | – |
| **10 800** | 16,08 | 16,20 | – | – | – | – | – | – | – | – | – |
| **11 000** | 16,13 | 16,20 | – | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 |
| **Width multiplier** | | | | | | | | | | | | | |
| 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section H (25,4 mm wide)

**Table 8f**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| Pitch diameter [mm] | 109,15 | 113,19 | 117,23 | 121,28 | 125,32 | 129,36 | 133,40 | 137,45 | 141,49 | 145,53 | 149,57 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,35 | 0,36 | 0,38 | 0,39 | 0,40 | 0,42 | 0,43 | 0,44 | 0,46 | 0,47 | 0,48 |
| **200** | 0,70 | 0,73 | 0,76 | 0,78 | 0,81 | 0,83 | 0,86 | 0,89 | 0,91 | 0,94 | 0,96 |
| **300** | 1,05 | 1,09 | 1,13 | 1,17 | 1,21 | 1,25 | 1,29 | 1,33 | 1,37 | 1,41 | 1,44 |
| **400** | 1,41 | 1,46 | 1,51 | 1,56 | 1,61 | 1,67 | 1,72 | 1,77 | 1,82 | 1,87 | 1,92 |
| **500** | 1,76 | 1,82 | 1,89 | 1,95 | 2,01 | 2,08 | 2,14 | 2,21 | 2,27 | 2,34 | 2,40 |
| **600** | 2,11 | 2,18 | 2,26 | 2,34 | 2,42 | 2,49 | 2,57 | 2,65 | 2,72 | 2,80 | 2,88 |
| **700** | 2,45 | 2,54 | 2,63 | 2,72 | 2,81 | 2,90 | 2,99 | 3,08 | 3,17 | 3,26 | 3,35 |
| **720** | 2,52 | 2,62 | 2,71 | 2,80 | 2,89 | 2,99 | 3,08 | 3,17 | 3,26 | 3,36 | 3,45 |
| **800** | 2,80 | 2,90 | 3,01 | 3,11 | 3,21 | 3,31 | 3,42 | 3,52 | 3,62 | 3,72 | 3,82 |
| **900** | 3,15 | 3,26 | 3,38 | 3,49 | 3,61 | 3,72 | 3,84 | 3,95 | 4,07 | 4,18 | 4,29 |
| **960** | 3,36 | 3,48 | 3,60 | 3,72 | 3,84 | 3,97 | 4,09 | 4,21 | 4,33 | 4,45 | 4,57 |
| **1 000** | 3,49 | 3,62 | 3,75 | 3,88 | 4,00 | 4,13 | 4,25 | 4,38 | 4,51 | 4,63 | 4,76 |
| **1 200** | 4,18 | 4,33 | 4,48 | 4,63 | 4,78 | 4,93 | 5,08 | 5,23 | 5,38 | 5,53 | 5,68 |
| **1 400** | 4,86 | 5,03 | 5,21 | 5,38 | 5,55 | 5,73 | 5,90 | 6,07 | 6,24 | 6,41 | 6,58 |
| **1 440** | 4,99 | 5,17 | 5,35 | 5,53 | 5,71 | 5,88 | 6,06 | 6,23 | 6,41 | 6,58 | 6,75 |
| **1 600** | 5,53 | 5,73 | 5,92 | 6,12 | 6,31 | 6,50 | 6,70 | 6,89 | 7,08 | 7,27 | 7,45 |
| **1 800** | 6,19 | 6,41 | 6,62 | 6,84 | 7,05 | 7,27 | 7,48 | 7,69 | 7,90 | 8,10 | 8,31 |
| **2 000** | 6,84 | 7,08 | 7,31 | 7,55 | 7,78 | 8,01 | 8,24 | 8,47 | 8,69 | 8,92 | 9,14 |
| **2 200** | 7,48 | 7,73 | 7,99 | 8,24 | 8,49 | 8,74 | 8,98 | 9,22 | 9,46 | 9,70 | 9,93 |
| **2 400** | 8,10 | 8,38 | 8,65 | 8,92 | 9,18 | 9,44 | 9,70 | 9,95 | 10,21 | 10,45 | 10,70 |
| **2 600** | 8,72 | 9,00 | 9,29 | 9,57 | 9,85 | 10,12 | 10,39 | 10,66 | 10,92 | 11,17 | 11,42 |
| **2 800** | 9,31 | 9,61 | 9,91 | 10,21 | 10,49 | 10,78 | 11,05 | 11,33 | 11,59 | 11,86 | 12,11 |
| **2 880** | 9,54 | 9,85 | 10,16 | 10,45 | 10,74 | 11,03 | 11,31 | 11,59 | 11,86 | 12,12 | 12,37 |
| **3 000** | 9,89 | 10,21 | 10,51 | 10,82 | 11,11 | 11,40 | 11,69 | 11,97 | 12,24 | 12,50 | 12,76 |
| **3 200** | 10,45 | 10,78 | 11,09 | 11,40 | 11,71 | 12,00 | 12,29 | 12,57 | 12,84 | 13,10 | 13,36 |
| **3 400** | 11,00 | 11,33 | 11,65 | 11,97 | 12,27 | 12,57 | 12,86 | 13,13 | 13,40 | 13,66 | 13,91 |
| **3 600** | 11,52 | 11,86 | 12,18 | 12,50 | 12,81 | 13,10 | 13,39 | 13,66 | 13,92 | 14,17 | 14,41 |
| **3 800** | 12,02 | 12,36 | 12,69 | 13,00 | 13,31 | 13,60 | 13,88 | 14,14 | 14,39 | 14,63 | 14,85 |
| **4 000** | 12,50 | 12,84 | 13,17 | 13,48 | 13,78 | 14,06 | 14,33 | 14,58 | 14,82 | 15,04 | 15,24 |
| **4 200** | 12,96 | 13,29 | 13,61 | 13,92 | 14,21 | 14,48 | 14,74 | 14,97 | 15,19 | 15,39 | 15,56 |
| **4 400** | 13,39 | 13,72 | 14,03 | 14,33 | 14,61 | 14,86 | 15,10 | 15,31 | 15,51 | 15,68 | 15,83 |
| **4 600** | 13,79 | 14,12 | 14,42 | 14,70 | 14,96 | 15,20 | 15,41 | 15,60 | 15,77 | 15,91 | 16,02 |
| **4 800** | 14,17 | 14,48 | 14,77 | 15,04 | 15,28 | 15,49 | 15,68 | 15,84 | 15,97 | 16,08 | 16,15 |
| **5 000** | 14,52 | 14,82 | 15,09 | 15,33 | 15,55 | 15,74 | 15,89 | 16,02 | 16,11 | 16,17 | 16,20 |
| **5 200** | 14,84 | 15,12 | 15,37 | 15,59 | 15,78 | 15,93 | 16,05 | 16,14 | 16,19 | 16,20 | 16,18 |
| **5 400** | 15,13 | 15,39 | 15,61 | 15,80 | 15,96 | 16,08 | 16,16 | 16,20 | 16,20 | – | – |
| **5 600** | 15,39 | 15,62 | 15,81 | 15,97 | 16,09 | 16,17 | 16,20 | – | – | – | – |
| **5 800** | 15,61 | 15,81 | 15,98 | 16,10 | 16,17 | 16,20 | – | – | – | – | – |
| **6 000** | 15,80 | 15,97 | 16,10 | 16,17 | 16,20 | – | – | – | – | – | – |
| **6 200** | 15,96 | 16,09 | 16,17 | 16,20 | – | – | – | – | – | – | – |
| **6 400** | 16,08 | 16,17 | 16,20 | – | – | – | – | – | – | – | – |
| **6 600** | 16,16 | 16,20 | – | – | – | – | – | – | – | – | – |
| **6 800** | 16,20 | – | – | – | – | – | – | – | – | – | – |
| **7 000** | 16,20 | – | – | – | – | – | – | – | – | – | – |
| **7 200** | – | – | – | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 |
| **Width multiplier** | | | | | | | | | | | | | |
| 0,42 | 0,57 | 0,71 | 0,86 | 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 |

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section XH (25,4 mm wide)

**Table 8g**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| Pitch diameter [mm] | 155,64 | 162,71 | 169,79 | 176,86 | 183,94 | 191,01 | 198,08 | 205,16 | 212,23 | 219,31 | 226,38 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,68 | 0,72 | 0,75 | 0,78 | 0,81 | 0,84 | 0,87 | 0,90 | 0,93 | 0,96 | 1,00 |
| **200** | 1,37 | 1,43 | 1,49 | 1,55 | 1,62 | 1,68 | 1,74 | 1,80 | 1,86 | 1,93 | 1,99 |
| **300** | 2,05 | 2,14 | 2,24 | 2,33 | 2,42 | 2,51 | 2,61 | 2,70 | 2,79 | 2,88 | 2,97 |
| **400** | 2,73 | 2,85 | 2,97 | 3,10 | 3,22 | 3,34 | 3,46 | 3,59 | 3,71 | 3,83 | 3,95 |
| **500** | 3,40 | 3,56 | 3,71 | 3,86 | 4,01 | 4,16 | 4,31 | 4,47 | 4,62 | 4,77 | 4,92 |
| **600** | 4,07 | 4,25 | 4,44 | 4,62 | 4,80 | 4,98 | 5,15 | 5,33 | 5,51 | 5,69 | 5,87 |
| **700** | 4,74 | 4,95 | 5,15 | 5,36 | 5,57 | 5,78 | 5,98 | 6,19 | 6,39 | 6,59 | 6,80 |
| **720** | 4,87 | 5,08 | 5,30 | 5,51 | 5,72 | 5,94 | 6,15 | 6,36 | 6,57 | 6,77 | 6,98 |
| **800** | 5,39 | 5,63 | 5,87 | 6,10 | 6,33 | 6,57 | 6,80 | 7,03 | 7,25 | 7,48 | 7,71 |
| **900** | 6,04 | 6,30 | 6,57 | 6,82 | 7,08 | 7,34 | 7,59 | 7,85 | 8,10 | 8,34 | 8,59 |
| **960** | 6,43 | 6,70 | 6,98 | 7,25 | 7,53 | 7,79 | 8,06 | 8,33 | 8,59 | 8,85 | 9,11 |
| **1 000** | 6,68 | 6,97 | 7,25 | 7,54 | 7,82 | 8,10 | 8,37 | 8,64 | 8,91 | 9,18 | 9,45 |
| **1 100** | 7,31 | 7,62 | 7,93 | 8,23 | 8,54 | 8,83 | 9,13 | 9,42 | 9,71 | 9,99 | 10,27 |
| **1 200** | 7,93 | 8,26 | 8,59 | 8,91 | 9,24 | 9,55 | 9,86 | 10,17 | 10,47 | 10,77 | 11,07 |
| **1 400** | 9,13 | 9,50 | 9,86 | 10,22 | 10,57 | 10,92 | 11,26 | 11,59 | 11,91 | 12,23 | 12,54 |
| **1 440** | 9,36 | 9,74 | 10,11 | 10,47 | 10,83 | 11,18 | 11,52 | 11,86 | 12,18 | 12,50 | 12,81 |
| **1 600** | 10,27 | 10,67 | 11,07 | 11,45 | 11,82 | 12,18 | 12,54 | 12,88 | 13,21 | 13,53 | 13,83 |
| **1 800** | 11,35 | 11,77 | 12,18 | 12,58 | 12,96 | 13,33 | 13,68 | 14,02 | 14,34 | 14,65 | 14,93 |
| **2 000** | 12,36 | 12,79 | 13,21 | 13,60 | 13,98 | 14,34 | 14,68 | 15,00 | 15,29 | 15,56 | 15,81 |
| **2 200** | 13,29 | 13,72 | 14,13 | 14,51 | 14,87 | 15,20 | 15,51 | 15,79 | 16,04 | 16,26 | 16,44 |
| **2 400** | 14,13 | 14,55 | 14,93 | 15,29 | 15,61 | 15,91 | 16,16 | 16,38 | 16,56 | 16,70 | 16,81 |
| **2 600** | 14,87 | 15,26 | 15,61 | 15,93 | 16,20 | 16,43 | 16,61 | 16,75 | 16,84 | 16,88 | 16,87 |
| **2 800** | 15,51 | 15,86 | 16,16 | 16,41 | 16,61 | 16,76 | 16,85 | 16,88 | 16,86 | – | – |
| **2 880** | 15,74 | 16,06 | 16,34 | 16,56 | 16,73 | 16,84 | 16,88 | – | – | – | – |
| **3 000** | 16,04 | 16,33 | 16,56 | 16,73 | 16,84 | 16,88 | 16,86 | – | – | – | – |
| **3 200** | 16,44 | 16,66 | 16,81 | 16,88 | 16,87 | – | – | – | – | – | – |
| **3 400** | 16,72 | 16,85 | 16,88 | | – | – | – | – | – | – | – |
| **3 600** | 16,87 | 16,88 | – | – | – | – | – | – | – | – | – |

**Table 8h**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| Pitch diameter [mm] | 233,46 | 240,53 | 247,61 | 254,68 | 261,75 | 268,83 | 275,90 | 282,98 | 290,05 | 297,13 | 304,20 |
| r/min | kW | | | | | | | | | | |
| **100** | 1,03 | 1,06 | 1,09 | 1,12 | 1,15 | 1,18 | 1,21 | 1,24 | 1,28 | 1,31 | 1,34 |
| **200** | 2,05 | 2,11 | 2,17 | 2,24 | 2,30 | 2,36 | 2,42 | 2,48 | 2,54 | 2,61 | 2,67 |
| **300** | 3,07 | 3,16 | 3,25 | 3,34 | 3,43 | 3,53 | 3,62 | 3,71 | 3,80 | 3,89 | 3,98 |
| **400** | 4,07 | 4,19 | 4,31 | 4,44 | 4,56 | 4,68 | 4,80 | 4,92 | 5,04 | 5,15 | 5,27 |
| **500** | 5,07 | 5,21 | 5,36 | 5,51 | 5,66 | 5,81 | 5,95 | 6,10 | 6,25 | 6,39 | 6,54 |
| **600** | 6,04 | 6,22 | 6,39 | 6,57 | 6,74 | 6,91 | 7,08 | 7,25 | 7,42 | 7,59 | 7,76 |
| **700** | 7,00 | 7,20 | 7,40 | 7,59 | 7,79 | 7,98 | 8,18 | 8,37 | 8,56 | 8,75 | 8,94 |
| **720** | 7,19 | 7,39 | 7,59 | 7,79 | 8,00 | 8,20 | 8,39 | 8,59 | 8,79 | 8,98 | 9,17 |
| **800** | 7,93 | 8,15 | 8,37 | 8,59 | 8,81 | 9,02 | 9,24 | 9,45 | 9,66 | 9,86 | 10,07 |
| **900** | 8,83 | 9,08 | 9,31 | 9,55 | 9,79 | 10,02 | 10,25 | 10,47 | 10,70 | 10,92 | 11,14 |
| **960** | 9,36 | 9,61 | 9,86 | 10,11 | 10,35 | 10,59 | 10,83 | 11,07 | 11,30 | 11,52 | 11,75 |
| **1 000** | 9,71 | 9,97 | 10,22 | 10,47 | 10,72 | 10,97 | 11,21 | 11,45 | 11,68 | 11,91 | 12,14 |
| **1 100** | 10,55 | 10,82 | 11,09 | 11,35 | 11,61 | 11,87 | 12,12 | 12,36 | 12,60 | 12,83 | 13,06 |
| **1 200** | 11,35 | 11,64 | 11,91 | 12,18 | 12,45 | 12,71 | 12,96 | 13,21 | 13,45 | 13,68 | 13,91 |
| **1 400** | 12,83 | 13,13 | 13,41 | 13,68 | 13,95 | 14,20 | 14,44 | 14,68 | 14,90 | 15,12 | 15,32 |
| **1 440** | 13,11 | 13,40 | 13,68 | 13,95 | 14,21 | 14,46 | 14,70 | 14,93 | 15,15 | 15,36 | 15,55 |
| **1 600** | 14,13 | 14,41 | 14,68 | 14,93 | 15,18 | 15,40 | 15,61 | 15,81 | 15,99 | 16,16 | 16,31 |
| **1 800** | 15,20 | 15,46 | 15,69 | 15,91 | 16,10 | 16,28 | 16,43 | 16,56 | 16,67 | 16,76 | 16,83 |
| **2 000** | 16,04 | 16,24 | 16,41 | 16,56 | 16,68 | 16,78 | 16,84 | 16,88 | 16,88 | 16,86 | – |
| **2 200** | 16,60 | 16,72 | 16,81 | 16,87 | 16,88 | 16,87 | – | – | – | – | – |
| **2 400** | 16,87 | 16,88 | 16,86 | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 | 6 |
| **Width multiplier** | | | | | | | | | | |
| 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 | 7,5 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section XXH (25,4 mm wide)

**Table 8i**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 |
| Pitch diameter [mm] | 485,10 | 495,21 | 505,32 | 515,42 | 525,53 | 535,64 | 545,74 | 555,85 | 565,96 | 576,06 | 586,17 |
| r/min | kW | | | | | | | | | | |
| **100** | 2,61 | 2,66 | 2,71 | 2,77 | 2,82 | 2,88 | 2,93 | 2,98 | 3,04 | 3,09 | 3,14 |
| **200** | 5,17 | 5,28 | 5,38 | 5,49 | 5,59 | 5,70 | 5,80 | 5,91 | 6,01 | 6,12 | 6,22 |
| **300** | 7,66 | 7,81 | 7,96 | 8,11 | 8,26 | 8,41 | 8,56 | 8,71 | 8,86 | 9,01 | 9,16 |
| **400** | 10,03 | 10,22 | 10,41 | 10,60 | 10,79 | 10,97 | 11,16 | 11,34 | 11,53 | 11,71 | 11,89 |
| **500** | 12,24 | 12,46 | 12,68 | 12,90 | 13,11 | 13,32 | 13,53 | 13,74 | 13,94 | 14,14 | 14,34 |
| **600** | 14,26 | 14,50 | 14,73 | 14,96 | 15,18 | 15,41 | 15,62 | 15,84 | 16,04 | 16,25 | 16,45 |
| **700** | 16,04 | 16,28 | 16,51 | 16,74 | 16,96 | 17,17 | 17,38 | 17,58 | 17,77 | 17,96 | 18,14 |
| **720** | 16,37 | 16,61 | 16,84 | 17,06 | 17,27 | 17,48 | 17,69 | 17,88 | 18,07 | 18,25 | 18,42 |
| **800** | 17,55 | 17,77 | 17,99 | 18,19 | 18,39 | 18,57 | 18,75 | 18,91 | 19,07 | 19,22 | 19,35 |
| **900** | 18,75 | 18,93 | 19,11 | 19,27 | 19,42 | 19,55 | 19,67 | 19,78 | 19,87 | 19,95 | 20,01 |
| **960** | 19,30 | 19,45 | 19,59 | 19,71 | 19,82 | 19,91 | 19,99 | 20,04 | 20,08 | 20,10 | 20,11 |
| **1 000** | 19,59 | 19,72 | 19,83 | 19,92 | 20,00 | 20,05 | 20,09 | 20,11 | 20,11 | – | – |
| **1 100** | 20,04 | 20,09 | 20,11 | 20,11 | 20,08 | – | – | – | – | – | – |
| **1 200** | 20,06 | – | – | – | – | – | – | – | – | – | – |

**Table 8j**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
| Pitch diameter [mm] | 596,27 | 606,38 | 616,49 | 626,59 | 636,70 | 646,81 | 656,91 | 667,02 | 677,13 | 687,23 | 697,34 |
| r/min | kW | | | | | | | | | | |
| **100** | 3,20 | 3,25 | 3,31 | 3,36 | 3,41 | 3,47 | 3,52 | 3,57 | 3,63 | 3,68 | 3,74 |
| **200** | 6,32 | 6,43 | 6,53 | 6,63 | 6,74 | 6,84 | 6,94 | 7,05 | 7,15 | 7,25 | 7,35 |
| **300** | 9,30 | 9,45 | 9,60 | 9,74 | 9,89 | 10,03 | 10,17 | 10,32 | 10,46 | 10,60 | 10,74 |
| **400** | 12,07 | 12,24 | 12,42 | 12,59 | 12,77 | 12,94 | 13,11 | 13,28 | 13,45 | 13,61 | 13,78 |
| **500** | 14,54 | 14,73 | 14,92 | 15,11 | 15,30 | 15,48 | 15,66 | 15,84 | 16,01 | 16,18 | 16,35 |
| **600** | 16,64 | 16,84 | 17,02 | 17,20 | 17,38 | 17,55 | 17,72 | 17,88 | 18,04 | 18,19 | 18,34 |
| **700** | 18,32 | 18,48 | 18,64 | 18,79 | 18,93 | 19,07 | 19,20 | 19,32 | 19,43 | 19,54 | 19,63 |
| **720** | 18,59 | 18,75 | 18,90 | 19,04 | 19,17 | 19,30 | 19,42 | 19,52 | 19,62 | 19,71 | 19,80 |
| **800** | 19,48 | 19,59 | 19,69 | 19,79 | 19,87 | 19,94 | 20,00 | 20,04 | 20,08 | 20,10 | 20,11 |
| **900** | 20,06 | 20,09 | 20,11 | 20,11 | 20,09 | 20,06 | 20,02 | – | – | – | – |
| **960** | 20,10 | – | – | – | – | – | – | – | – | – | – |
| **1 000** | – | – | – | – | – | – | – | – | – | – | – |
| **1 100** | – | – | – | – | – | – | – | – | – | – | – |
| **1 200** | – | – | – | – | – | – | – | – | – | – | – |

| **Belt width** [in.] | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 ¼ | 1 ½ | 1 ¾ | 2 | 2 ½ | 3 | 3 ½ | 4 | 5 | 6 | 7 | 8 |
| **Width multiplier** | | | | | | | | | | | | |
| 1 | 1,29 | 1,56 | 1,84 | 2,14 | 2,72 | 3,36 | 4,06 | 4,76 | 6,15 | 7,5 | 8,89 | 10,32 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section 5M (15 mm wide)

**Table 8k**

| Faster shaft speed | Rated power per belt for small pulley pitch diameter [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 12 | 14 | 15 | 16 | 18 | 20 | 21 | 22 | 24 | 26 | 28 |
| Pitch diameter [mm] | 19,09 | 22,28 | 23,87 | 25,46 | 28,64 | 31,83 | 33,42 | 35,01 | 38,19 | 41,38 | 44,56 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,04 | 0,04 | 0,05 | 0,05 | 0,06 | 0,07 | 0,07 | 0,08 | 0,09 | 0,10 | 0,10 |
| **200** | 0,06 | 0,07 | 0,08 | 0,09 | 0,11 | 0,13 | 0,13 | 0,14 | 0,16 | 0,18 | 0,19 |
| **300** | 0,07 | 0,10 | 0,11 | 0,12 | 0,15 | 0,18 | 0,19 | 0,20 | 0,23 | 0,25 | 0,27 |
| **400** | 0,08 | 0,12 | 0,14 | 0,15 | 0,19 | 0,22 | 0,24 | 0,25 | 0,29 | 0,32 | 0,35 |
| **500** | 0,09 | 0,14 | 0,16 | 0,18 | 0,22 | 0,26 | 0,28 | 0,31 | 0,35 | 0,39 | 0,43 |
| **600** | 0,10 | 0,15 | 0,18 | 0,20 | 0,25 | 0,30 | 0,33 | 0,36 | 0,41 | 0,45 | 0,50 |
| **700** | 0,10 | 0,16 | 0,19 | 0,22 | 0,28 | 0,34 | 0,37 | 0,40 | 0,46 | 0,52 | 0,58 |
| **720** | 0,10 | 0,17 | 0,20 | 0,23 | 0,29 | 0,35 | 0,38 | 0,41 | 0,47 | 0,53 | 0,59 |
| **800** | 0,11 | 0,18 | 0,21 | 0,24 | 0,31 | 0,38 | 0,41 | 0,45 | 0,51 | 0,58 | 0,65 |
| **900** | 0,11 | 0,19 | 0,22 | 0,26 | 0,34 | 0,42 | 0,45 | 0,49 | 0,57 | 0,64 | 0,72 |
| **960** | 0,11 | 0,19 | 0,23 | 0,27 | 0,36 | 0,44 | 0,48 | 0,52 | 0,60 | 0,68 | 0,76 |
| **1 000** | 0,11 | 0,20 | 0,24 | 0,28 | 0,37 | 0,45 | 0,49 | 0,54 | 0,62 | 0,70 | 0,78 |
| **1 100** | – | 0,20 | 0,25 | 0,30 | 0,39 | 0,49 | 0,53 | 0,58 | 0,67 | 0,76 | 0,85 |
| **1 200** | – | 0,21 | 0,26 | 0,31 | 0,42 | 0,52 | 0,57 | 0,62 | 0,72 | 0,82 | 0,92 |
| **1 400** | – | 0,22 | 0,28 | 0,34 | 0,46 | 0,58 | 0,64 | 0,70 | 0,81 | 0,93 | 1,04 |
| **1 440** | – | 0,22 | 0,29 | 0,35 | 0,47 | 0,59 | 0,65 | 0,71 | 0,83 | 0,95 | 1,07 |
| **1 600** | – | 0,23 | 0,30 | 0,37 | 0,50 | 0,64 | 0,71 | 0,77 | 0,91 | 1,04 | 1,17 |
| **1 800** | – | 0,23 | 0,31 | 0,39 | 0,54 | 0,70 | 0,77 | 0,85 | 1,00 | 1,14 | 1,29 |
| **2 000** | – | 0,24 | 0,32 | 0,41 | 0,58 | 0,75 | 0,83 | 0,92 | 1,08 | 1,25 | 1,41 |
| **2 200** | – | 0,24 | 0,33 | 0,43 | 0,62 | 0,80 | 0,89 | 0,99 | 1,17 | 1,35 | 1,53 |
| **2 400** | – | – | 0,34 | 0,44 | 0,65 | 0,85 | 0,95 | 1,05 | 1,25 | 1,45 | 1,64 |
| **2 600** | – | – | 0,35 | 0,46 | 0,68 | 0,90 | 1,01 | 1,12 | 1,33 | 1,54 | 1,75 |
| **2 800** | – | – | 0,35 | 0,47 | 0,71 | 0,94 | 1,06 | 1,18 | 1,41 | 1,64 | 1,86 |
| **2 880** | – | – | 0,35 | 0,47 | 0,72 | 0,96 | 1,08 | 1,20 | 1,44 | 1,67 | 1,91 |
| **3 000** | – | – | 0,35 | 0,48 | 0,74 | 0,99 | 1,11 | 1,24 | 1,49 | 1,73 | 1,97 |
| **3 200** | – | – | 0,35 | 0,49 | 0,76 | 1,03 | 1,16 | 1,30 | 1,56 | 1,82 | 2,08 |
| **3 400** | – | – | – | 0,50 | 0,79 | 1,07 | 1,21 | 1,35 | 1,63 | 1,91 | 2,18 |
| **3 600** | – | – | – | 0,50 | 0,81 | 1,11 | 1,26 | 1,41 | 1,70 | 2,00 | 2,29 |
| **3 800** | – | – | – | 0,51 | 0,83 | 1,15 | 1,31 | 1,46 | 1,77 | 2,08 | 2,39 |
| **4 000** | – | – | – | 0,51 | 0,85 | 1,18 | 1,35 | 1,52 | 1,84 | 2,17 | 2,49 |
| **4 200** | – | – | – | 0,51 | 0,87 | 1,22 | 1,39 | 1,57 | 1,91 | 2,25 | 2,58 |
| **4 400** | – | – | – | 0,51 | 0,89 | 1,25 | 1,44 | 1,62 | 1,98 | 2,33 | 2,68 |
| **4 600** | – | – | – | – | 0,90 | 1,29 | 1,48 | 1,67 | 2,04 | 2,41 | 2,77 |
| **4 800** | – | – | – | – | 0,92 | 1,32 | 1,52 | 1,71 | 2,10 | 2,49 | 2,87 |
| **5 000** | – | – | – | – | 0,93 | 1,35 | 1,55 | 1,76 | 2,16 | 2,56 | 2,96 |
| **5 200** | – | – | – | – | 0,95 | 1,38 | 1,59 | 1,80 | 2,22 | 2,64 | 3,05 |
| **5 400** | – | – | – | – | 0,96 | 1,41 | 1,63 | 1,85 | 2,28 | 2,71 | 3,13 |
| **5 600** | – | – | – | – | 0,97 | 1,43 | 1,66 | 1,89 | 2,34 | 2,78 | 3,22 |
| **5 800** | – | – | – | – | 0,98 | 1,46 | 1,70 | 1,93 | 2,40 | 2,86 | 3,31 |
| **6 000** | – | – | – | – | 0,99 | 1,48 | 1,73 | 1,97 | 2,45 | 2,92 | 3,39 |
| **6 200** | – | – | – | – | 1,00 | 1,51 | 1,76 | 2,01 | 2,51 | 2,99 | 3,47 |
| **6 400** | – | – | – | – | 1,00 | 1,53 | 1,79 | 2,05 | 2,56 | 3,06 | 3,55 |
| **6 600** | – | – | – | – | 1,01 | 1,55 | 1,82 | 2,08 | 2,61 | 3,12 | 3,63 |
| **6 800** | – | – | – | – | 1,01 | 1,57 | 1,85 | 2,12 | 2,66 | 3,19 | 3,70 |
| **7 000** | – | – | – | – | 1,02 | 1,59 | 1,87 | 2,15 | 2,71 | 3,25 | 3,78 |
| **7 200** | – | – | – | – | 1,02 | 1,61 | 1,90 | 2,19 | 2,75 | 3,31 | 3,85 |
| **7 400** | – | – | – | – | 1,03 | 1,63 | 1,93 | 2,22 | 2,80 | 3,37 | 3,92 |
| **7 600** | – | – | – | – | 1,03 | 1,64 | 1,95 | 2,25 | 2,84 | 3,43 | 3,99 |
| **7 800** | – | – | – | – | 1,03 | 1,66 | 1,97 | 2,28 | 2,89 | 3,48 | 4,06 |
| **8 000** | – | – | – | – | 1,03 | 1,67 | 1,99 | 2,31 | 2,93 | 3,54 | 4,13 |
| **8 200** | – | – | – | – | – | 1,69 | 2,01 | 2,34 | 2,97 | 3,59 | 4,19 |
| **8 400** | – | – | – | – | – | 1,70 | 2,03 | 2,36 | 3,01 | 3,64 | 4,26 |
| **8 600** | – | – | – | – | – | 1,71 | 2,05 | 2,39 | 3,05 | 3,69 | 4,32 |
| **8 800** | – | – | – | – | – | 1,72 | 2,07 | 2,41 | 3,09 | 3,74 | 4,38 |
| **9 000** | – | – | – | – | – | 1,73 | 2,09 | 2,44 | 3,12 | 3,79 | 4,43 |
| **9 200** | – | – | – | – | – | 1,74 | 2,10 | 2,46 | 3,16 | 3,83 | 4,49 |
| **9 400** | – | – | – | – | – | 1,75 | 2,12 | 2,48 | 3,19 | 3,88 | 4,54 |
| **9 600** | – | – | – | – | – | 1,76 | 2,13 | 2,50 | 3,22 | 3,92 | 4,60 |
| **9 800** | – | – | – | – | – | 1,76 | 2,14 | 2,52 | 3,25 | 3,96 | 4,65 |
| **10 000** | – | – | – | – | – | 1,77 | 2,15 | 2,53 | 3,28 | 4,00 | 4,69 |
| **10 200** | – | – | – | – | – | 1,77 | 2,16 | 2,55 | 3,31 | 4,04 | 4,74 |
| **10 400** | – | – | – | – | – | 1,78 | 2,17 | 2,57 | 3,33 | 4,07 | 4,79 |
| **10 600** | – | – | – | – | – | 1,78 | 2,18 | 2,58 | 3,36 | 4,11 | 4,83 |
| **10 800** | – | – | – | – | – | 1,78 | 2,19 | 2,59 | 3,38 | 4,14 | 4,87 |
| **11 000** | – | – | – | – | – | 1,78 | 2,19 | 2,60 | 3,40 | 4,17 | 4,91 |
| **11 200** | – | – | – | – | – | – | 2,20 | 2,61 | 3,42 | 4,20 | 4,94 |
| **11 400** | – | – | – | – | – | – | 2,20 | 2,62 | 3,44 | 4,23 | 4,98 |

**Belt width** [mm]

| 9 | 15 | 25 |
|---|---|---|

**Width multiplier**

| 0,558 | 1 | 1,79 |
|---|---|---|

For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section 5M (15 mm wide)

**Table 8l**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 30 | 32 | 34 | 36 | 38 | 40 | 44 | 48 | 56 | 60 | 64 |
| Pitch diameter [mm] | 47,74 | 50,92 | 54,11 | 57,29 | 60,47 | 63,66 | 70,02 | 76,39 | 89,12 | 95,49 | 101,85 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,11 | 0,12 | 0,13 | 0,14 | 0,14 | 0,15 | 0,17 | 0,18 | 0,21 | 0,22 | 0,24 |
| **200** | 0,21 | 0,22 | 0,24 | 0,26 | 0,27 | 0,29 | 0,32 | 0,35 | 0,41 | 0,43 | 0,46 |
| **300** | 0,30 | 0,32 | 0,35 | 0,37 | 0,39 | 0,42 | 0,46 | 0,51 | 0,59 | 0,64 | 0,68 |
| **400** | 0,39 | 0,42 | 0,45 | 0,48 | 0,51 | 0,54 | 0,60 | 0,66 | 0,78 | 0,84 | 0,89 |
| **500** | 0,47 | 0,51 | 0,55 | 0,59 | 0,63 | 0,67 | 0,74 | 0,82 | 0,96 | 1,03 | 1,10 |
| **600** | 0,55 | 0,60 | 0,65 | 0,70 | 0,74 | 0,79 | 0,88 | 0,97 | 1,14 | 1,23 | 1,31 |
| **700** | 0,63 | 0,69 | 0,74 | 0,80 | 0,85 | 0,91 | 1,01 | 1,12 | 1,32 | 1,42 | 1,51 |
| **720** | 0,65 | 0,71 | 0,76 | 0,82 | 0,88 | 0,93 | 1,04 | 1,15 | 1,36 | 1,46 | 1,55 |
| **800** | 0,71 | 0,77 | 0,84 | 0,90 | 0,96 | 1,03 | 1,15 | 1,27 | 1,50 | 1,61 | 1,72 |
| **900** | 0,79 | 0,86 | 0,93 | 1,00 | 1,07 | 1,14 | 1,28 | 1,41 | 1,67 | 1,80 | 1,92 |
| **960** | 0,83 | 0,91 | 0,99 | 1,06 | 1,14 | 1,21 | 1,36 | 1,50 | 1,78 | 1,91 | 2,04 |
| **1 000** | 0,86 | 0,94 | 1,02 | 1,10 | 1,18 | 1,26 | 1,41 | 1,56 | 1,84 | 1,98 | 2,12 |
| **1 100** | 0,94 | 1,03 | 1,11 | 1,20 | 1,29 | 1,37 | 1,54 | 1,70 | 2,02 | 2,17 | 2,32 |
| **1 200** | 1,01 | 1,11 | 1,20 | 1,30 | 1,39 | 1,48 | 1,66 | 1,84 | 2,19 | 2,35 | 2,52 |
| **1 400** | 1,16 | 1,27 | 1,38 | 1,49 | 1,60 | 1,71 | 1,92 | 2,12 | 2,52 | 2,72 | 2,91 |
| **1 440** | 1,18 | 1,30 | 1,41 | 1,53 | 1,64 | 1,75 | 1,97 | 2,18 | 2,59 | 2,79 | 2,98 |
| **1 600** | 1,30 | 1,43 | 1,55 | 1,68 | 1,80 | 1,92 | 2,16 | 2,40 | 2,86 | 3,08 | 3,29 |
| **1 800** | 1,44 | 1,58 | 1,72 | 1,86 | 2,00 | 2,14 | 2,41 | 2,67 | 3,18 | 3,43 | 3,67 |
| **2 000** | 1,57 | 1,73 | 1,89 | 2,04 | 2,20 | 2,35 | 2,65 | 2,94 | 3,51 | 3,78 | 4,04 |
| **2 200** | 1,70 | 1,88 | 2,05 | 2,22 | 2,39 | 2,56 | 2,89 | 3,21 | 3,83 | 4,12 | 4,41 |
| **2 400** | 1,83 | 2,02 | 2,21 | 2,40 | 2,58 | 2,76 | 3,12 | 3,47 | 4,14 | 4,46 | 4,77 |
| **2 600** | 1,96 | 2,17 | 2,37 | 2,57 | 2,77 | 2,97 | 3,35 | 3,73 | 4,45 | 4,80 | 5,13 |
| **2 800** | 2,09 | 2,31 | 2,53 | 2,74 | 2,96 | 3,17 | 3,58 | 3,98 | 4,75 | 5,12 | 5,48 |
| **2 880** | 2,14 | 2,36 | 2,59 | 2,81 | 3,03 | 3,25 | 3,67 | 4,08 | 4,88 | 5,25 | 5,62 |
| **3 000** | 2,21 | 2,45 | 2,68 | 2,91 | 3,14 | 3,37 | 3,81 | 4,23 | 5,05 | 5,45 | 5,82 |
| **3 200** | 2,33 | 2,58 | 2,83 | 3,08 | 3,32 | 3,56 | 4,03 | 4,48 | 5,35 | 5,76 | 6,16 |
| **3 400** | 2,45 | 2,72 | 2,98 | 3,24 | 3,50 | 3,75 | 4,25 | 4,73 | 5,64 | 6,07 | 6,49 |
| **3 600** | 2,57 | 2,85 | 3,13 | 3,40 | 3,67 | 3,94 | 4,46 | 4,97 | 5,92 | 6,38 | 6,81 |
| **3 800** | 2,69 | 2,98 | 3,28 | 3,56 | 3,85 | 4,13 | 4,67 | 5,20 | 6,20 | 6,67 | 7,12 |
| **4 000** | 2,80 | 3,11 | 3,42 | 3,72 | 4,02 | 4,31 | 4,88 | 5,43 | 6,48 | 6,96 | 7,43 |
| **4 200** | 2,91 | 3,24 | 3,56 | 3,87 | 4,19 | 4,49 | 5,09 | 5,66 | 6,74 | 7,25 | 7,73 |
| **4 400** | 3,02 | 3,36 | 3,70 | 4,03 | 4,35 | 4,67 | 5,29 | 5,89 | 7,00 | 7,53 | 8,02 |
| **4 600** | 3,13 | 3,49 | 3,83 | 4,18 | 4,51 | 4,84 | 5,49 | 6,10 | 7,26 | 7,80 | 8,30 |
| **4 800** | 3,24 | 3,61 | 3,97 | 4,32 | 4,67 | 5,02 | 5,68 | 6,32 | 7,51 | 8,06 | 8,57 |
| **5 000** | 3,35 | 3,73 | 4,10 | 4,47 | 4,83 | 5,19 | 5,87 | 6,53 | 7,75 | 8,31 | 8,84 |
| **5 200** | 3,45 | 3,84 | 4,23 | 4,61 | 4,99 | 5,35 | 6,06 | 6,74 | 7,99 | 8,56 | 9,09 |
| **5 400** | 3,55 | 3,96 | 4,36 | 4,75 | 5,14 | 5,51 | 6,24 | 6,94 | 8,22 | 8,80 | 9,33 |
| **5 600** | 3,65 | 4,07 | 4,48 | 4,89 | 5,29 | 5,67 | 6,42 | 7,13 | 8,44 | 9,03 | 9,57 |
| **5 800** | 3,75 | 4,18 | 4,61 | 5,02 | 5,43 | 5,83 | 6,60 | 7,33 | 8,65 | 9,25 | 9,79 |
| **6 000** | 3,84 | 4,29 | 4,73 | 5,16 | 5,58 | 5,98 | 6,77 | 7,51 | 8,86 | 9,46 | 10,00 |
| **6 200** | 3,94 | 4,40 | 4,85 | 5,29 | 5,72 | 6,13 | 6,94 | 7,69 | 9,06 | 9,66 | 10,20 |
| **6 400** | 4,03 | 4,50 | 4,96 | 5,41 | 5,85 | 6,28 | 7,10 | 7,87 | 9,25 | 9,85 | 10,39 |
| **6 600** | 4,12 | 4,61 | 5,08 | 5,54 | 5,99 | 6,42 | 7,26 | 8,04 | 9,43 | 10,03 | 10,57 |
| **6 800** | 4,21 | 4,71 | 5,19 | 5,66 | 6,12 | 6,56 | 7,41 | 8,21 | 9,60 | 10,20 | 10,73 |
| **7 000** | 4,30 | 4,80 | 5,30 | 5,78 | 6,25 | 6,70 | 7,56 | 8,37 | 9,77 | 10,36 | 10,88 |
| **7 200** | 4,38 | 4,90 | 5,41 | 5,90 | 6,37 | 6,83 | 7,71 | 8,52 | 9,93 | 10,52 | 11,02 |
| **7 400** | 4,47 | 5,00 | 5,51 | 6,01 | 6,49 | 6,96 | 7,85 | 8,67 | 10,07 | 10,65 | 11,15 |
| **7 600** | 4,55 | 5,09 | 5,61 | 6,12 | 6,61 | 7,09 | 7,99 | 8,81 | 10,21 | 10,78 | 11,26 |
| **7 800** | 4,63 | 5,18 | 5,71 | 6,23 | 6,73 | 7,21 | 8,12 | 8,94 | 10,34 | 10,90 | 11,36 |
| **8 000** | 4,70 | 5,26 | 5,81 | 6,33 | 6,84 | 7,33 | 8,24 | 9,07 | 10,46 | 11,00 | 11,44 |
| **8 200** | 4,78 | 5,35 | 5,90 | 6,43 | 6,95 | 7,44 | 8,36 | 9,20 | 10,57 | 11,10 | 11,51 |
| **8 400** | 4,85 | 5,43 | 5,99 | 6,53 | 7,05 | 7,55 | 8,48 | 9,31 | 10,67 | 11,18 | 11,57 |
| **8 600** | 4,92 | 5,51 | 6,08 | 6,63 | 7,15 | 7,65 | 8,59 | 9,42 | 10,76 | 11,24 | 11,61 |
| **8 800** | 4,99 | 5,59 | 6,17 | 6,72 | 7,25 | 7,76 | 8,69 | 9,52 | 10,83 | 11,30 | 11,63 |
| **9 000** | 5,06 | 5,67 | 6,25 | 6,81 | 7,34 | 7,85 | 8,79 | 9,62 | 10,90 | 11,34 | 11,64 |
| **9 200** | 5,13 | 5,74 | 6,33 | 6,89 | 7,43 | 7,94 | 8,88 | 9,71 | 10,96 | 11,37 | – |
| **9 400** | 5,19 | 5,81 | 6,41 | 6,98 | 7,52 | 8,03 | 8,97 | 9,79 | 11,00 | 11,38 | – |
| **9 600** | 5,25 | 5,88 | 6,48 | 7,05 | 7,60 | 8,12 | 9,05 | 9,86 | 11,03 | – | – |
| **9 800** | 5,31 | 5,94 | 6,55 | 7,13 | 7,68 | 8,19 | 9,13 | 9,93 | 11,05 | – | – |
| **10 000** | 5,36 | 6,01 | 6,62 | 7,20 | 7,75 | 8,27 | 9,20 | 9,98 | 11,06 | – | – |
| **10 200** | 5,42 | 6,07 | 6,68 | 7,27 | 7,82 | 8,34 | 9,26 | 10,03 | – | – | – |
| **10 400** | 5,47 | 6,12 | 6,75 | 7,33 | 7,89 | 8,40 | 9,32 | 10,08 | – | – | – |
| **10 600** | 5,52 | 6,18 | 6,80 | 7,39 | 7,95 | 8,46 | 9,37 | 10,11 | – | – | – |
| **10 800** | 5,57 | 6,23 | 6,86 | 7,45 | 8,00 | 8,52 | 9,42 | 10,14 | – | – | – |
| **11 000** | 5,61 | 6,28 | 6,91 | 7,50 | 8,06 | 8,57 | 9,46 | 10,15 | – | – | – |
| **11 200** | 5,65 | 6,33 | 6,96 | 7,55 | 8,11 | 8,61 | 9,49 | 10,16 | – | – | – |
| **11 400** | 5,69 | 6,37 | 7,01 | 7,60 | 8,15 | 8,65 | 9,51 | 10,16 | – | – | – |

| **Belt width** [mm] | | |
|---|---|---|
| 9 | 15 | 25 |
| **Width multiplier** | | |
| 0,558 | 1 | 1,79 |

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section 8M (30 mm wide)

**Table 8m**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| Pitch diameter [mm] | 56,02 | 58,56 | 61,11 | 63,66 | 66,20 | 68,75 | 71,30 | 73,84 | 76,39 | 78,94 | 81,48 |
| r/min | kW | | | | | | | | | | |
| **100** | 0,61 | 0,65 | 0,69 | 0,72 | 0,76 | 0,79 | 0,83 | 0,87 | 0,90 | 0,94 | 0,97 |
| **200** | 1,03 | 1,10 | 1,17 | 1,23 | 1,30 | 1,36 | 1,43 | 1,49 | 1,55 | 1,62 | 1,68 |
| **300** | 1,40 | 1,50 | 1,59 | 1,68 | 1,77 | 1,86 | 1,95 | 2,04 | 2,13 | 2,22 | 2,30 |
| **400** | 1,74 | 1,86 | 1,97 | 2,09 | 2,20 | 2,32 | 2,43 | 2,54 | 2,65 | 2,76 | 2,87 |
| **500** | 2,05 | 2,19 | 2,33 | 2,47 | 2,61 | 2,74 | 2,88 | 3,01 | 3,14 | 3,28 | 3,41 |
| **600** | 2,35 | 2,51 | 2,67 | 2,83 | 2,99 | 3,15 | 3,30 | 3,46 | 3,61 | 3,76 | 3,91 |
| **700** | 2,63 | 2,82 | 3,00 | 3,18 | 3,36 | 3,54 | 3,71 | 3,88 | 4,06 | 4,23 | 4,40 |
| **720** | 2,69 | 2,88 | 3,06 | 3,25 | 3,43 | 3,61 | 3,79 | 3,97 | 4,14 | 4,32 | 4,49 |
| **800** | 2,91 | 3,11 | 3,31 | 3,51 | 3,71 | 3,91 | 4,10 | 4,30 | 4,49 | 4,68 | 4,86 |
| **900** | 3,18 | 3,40 | 3,62 | 3,84 | 4,06 | 4,27 | 4,48 | 4,69 | 4,90 | 5,11 | 5,32 |
| **960** | 3,33 | 3,57 | 3,80 | 4,03 | 4,26 | 4,48 | 4,71 | 4,93 | 5,15 | 5,36 | 5,58 |
| **1 000** | 3,44 | 3,68 | 3,92 | 4,15 | 4,39 | 4,62 | 4,85 | 5,08 | 5,31 | 5,53 | 5,75 |
| **1 100** | 3,69 | 3,95 | 4,21 | 4,46 | 4,71 | 4,96 | 5,21 | 5,46 | 5,70 | 5,94 | 6,18 |
| **1 200** | 3,94 | 4,22 | 4,49 | 4,76 | 5,03 | 5,30 | 5,56 | 5,82 | 6,08 | 6,34 | 6,60 |
| **1 300** | 4,18 | 4,48 | 4,77 | 5,06 | 5,34 | 5,63 | 5,91 | 6,18 | 6,46 | 6,73 | 7,00 |
| **1 400** | 4,42 | 4,73 | 5,04 | 5,34 | 5,65 | 5,95 | 6,24 | 6,53 | 6,82 | 7,11 | 7,40 |
| **1 440** | 4,51 | 4,83 | 5,15 | 5,46 | 5,77 | 6,07 | 6,37 | 6,67 | 6,97 | 7,26 | 7,55 |
| **1 500** | 4,65 | 4,98 | 5,31 | 5,63 | 5,94 | 6,26 | 6,57 | 6,88 | 7,18 | 7,48 | 7,78 |
| **1 600** | 4,88 | 5,23 | 5,57 | 5,90 | 6,24 | 6,57 | 6,89 | 7,21 | 7,53 | 7,85 | 8,16 |
| **1 700** | 5,11 | 5,47 | 5,82 | 6,17 | 6,52 | 6,87 | 7,21 | 7,54 | 7,88 | 8,21 | 8,53 |
| **1 800** | 5,33 | 5,70 | 6,07 | 6,44 | 6,80 | 7,16 | 7,52 | 7,87 | 8,21 | 8,56 | 8,90 |
| **1 900** | 5,54 | 5,93 | 6,32 | 6,70 | 7,08 | 7,45 | 7,82 | 8,18 | 8,54 | 8,90 | 9,25 |
| **2 000** | 5,75 | 6,16 | 6,56 | 6,95 | 7,34 | 7,73 | 8,11 | 8,49 | 8,86 | 9,23 | 9,60 |
| **2 200** | 6,16 | 6,59 | 7,02 | 7,44 | 7,86 | 8,27 | 8,68 | 9,09 | 9,49 | 9,88 | 10,27 |
| **2 400** | 6,54 | 7,00 | 7,46 | 7,91 | 8,35 | 8,79 | 9,22 | 9,65 | 10,08 | 10,50 | 10,91 |
| **2 600** | 6,90 | 7,39 | 7,87 | 8,35 | 8,81 | 9,28 | 9,74 | 10,19 | 10,64 | 11,08 | 11,52 |
| **2 800** | 7,23 | 7,75 | 8,25 | 8,75 | 9,25 | 9,73 | 10,22 | 10,69 | 11,16 | 11,63 | 12,09 |
| **2 880** | 7,36 | 7,88 | 8,40 | 8,91 | 9,41 | 9,91 | 10,40 | 10,88 | 11,36 | 11,84 | 12,30 |
| **3 000** | 7,54 | 8,08 | 8,61 | 9,13 | 9,65 | 10,16 | 10,66 | 11,16 | 11,65 | 12,14 | 12,62 |
| **3 200** | 7,81 | 8,37 | 8,92 | 9,47 | 10,01 | 10,54 | 11,07 | 11,59 | 12,10 | 12,61 | 13,11 |
| **3 400** | 8,04 | 8,63 | 9,21 | 9,78 | 10,34 | 10,89 | 11,44 | 11,98 | 12,51 | 13,04 | 13,56 |
| **3 600** | 8,24 | 8,85 | 9,45 | 10,04 | 10,62 | 11,20 | 11,76 | 12,33 | 12,88 | 13,43 | 13,97 |
| **3 800** | 8,39 | 9,02 | 9,65 | 10,26 | 10,86 | 11,46 | 12,05 | 12,63 | 13,20 | 13,76 | 14,32 |
| **4 000** | 8,50 | 9,15 | 9,80 | 10,43 | 11,05 | 11,67 | 12,28 | 12,88 | 13,47 | 14,05 | 14,63 |
| **4 200** | 8,56 | 9,24 | 9,90 | 10,55 | 11,20 | 11,83 | 12,46 | 13,07 | 13,68 | 14,28 | 14,88 |
| **4 400** | 8,57 | 9,26 | 9,95 | 10,62 | 11,28 | 11,93 | 12,58 | 13,21 | 13,84 | 14,46 | 15,07 |
| **4 600** | – | – | – | 10,63 | 11,31 | 11,98 | 12,64 | 13,29 | 13,94 | 14,57 | 15,20 |
| **4 800** | – | – | – | – | – | – | 12,64 | 13,31 | 13,97 | 14,62 | 15,26 |
| **5 000** | – | – | – | – | – | – | – | – | – | – | – |
| **5 200** | – | – | – | – | – | – | – | – | – | – | – |

**Belt width** [mm]

| 20 | 30 | 50 | 85 |
|---|---|---|---|

**Width multiplier**

| 0,633 | 1 | 1,734 | 3,02 |
|---|---|---|---|

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.

# Power ratings
## Section 8M (30 mm wide)

**Table 8n**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 45 | 48 |
| Pitch diameter [mm] | 84,03 | 86,58 | 89,12 | 91,67 | 96,76 | 101,85 | 106,95 | 112,04 | 114,59 | 122,23 |
| r/min | kW | | | | | | | | | |
| **100** | 1,01 | 1,04 | 1,08 | 1,11 | 1,18 | 1,25 | 1,32 | 1,38 | 1,42 | 1,52 |
| **200** | 1,74 | 1,80 | 1,87 | 1,93 | 2,05 | 2,17 | 2,29 | 2,41 | 2,47 | 2,64 |
| **300** | 2,39 | 2,48 | 2,56 | 2,65 | 2,82 | 2,98 | 3,15 | 3,31 | 3,39 | 3,64 |
| **400** | 2,98 | 3,09 | 3,20 | 3,31 | 3,52 | 3,73 | 3,94 | 4,14 | 4,24 | 4,55 |
| **500** | 3,54 | 3,67 | 3,79 | 3,92 | 4,18 | 4,43 | 4,67 | 4,92 | 5,04 | 5,40 |
| **600** | 4,06 | 4,21 | 4,36 | 4,51 | 4,80 | 5,09 | 5,37 | 5,65 | 5,79 | 6,20 |
| **700** | 4,57 | 4,73 | 4,90 | 5,07 | 5,39 | 5,72 | 6,04 | 6,35 | 6,51 | 6,97 |
| **720** | 4,67 | 4,84 | 5,01 | 5,18 | 5,51 | 5,84 | 6,17 | 6,49 | 6,65 | 7,12 |
| **800** | 5,05 | 5,24 | 5,42 | 5,60 | 5,97 | 6,32 | 6,68 | 7,02 | 7,20 | 7,71 |
| **900** | 5,52 | 5,72 | 5,92 | 6,12 | 6,52 | 6,91 | 7,29 | 7,67 | 7,86 | 8,42 |
| **960** | 5,79 | 6,01 | 6,22 | 6,43 | 6,84 | 7,25 | 7,65 | 8,05 | 8,25 | 8,83 |
| **1000** | 5,97 | 6,19 | 6,41 | 6,63 | 7,05 | 7,48 | 7,89 | 8,30 | 8,50 | 9,11 |
| **1 100** | 6,42 | 6,65 | 6,89 | 7,12 | 7,57 | 8,03 | 8,47 | 8,91 | 9,13 | 9,77 |
| **1 200** | 6,85 | 7,10 | 7,35 | 7,59 | 8,08 | 8,56 | 9,04 | 9,50 | 9,73 | 10,42 |
| **1 300** | 7,27 | 7,53 | 7,80 | 8,06 | 8,57 | 9,08 | 9,59 | 10,08 | 10,32 | 11,05 |
| **1 400** | 7,68 | 7,96 | 8,24 | 8,51 | 9,06 | 9,59 | 10,12 | 10,64 | 10,90 | 11,66 |
| **1 440** | 7,84 | 8,13 | 8,41 | 8,69 | 9,25 | 9,79 | 10,33 | 10,86 | 11,13 | 11,90 |
| **1 500** | 8,08 | 8,38 | 8,67 | 8,96 | 9,53 | 10,09 | 10,64 | 11,19 | 11,46 | 12,26 |
| **1 600** | 8,47 | 8,78 | 9,09 | 9,39 | 9,99 | 10,58 | 11,16 | 11,73 | 12,01 | 12,84 |
| **1 700** | 8,86 | 9,18 | 9,50 | 9,82 | 10,44 | 11,05 | 11,66 | 12,25 | 12,54 | 13,41 |
| **1 800** | 9,24 | 9,57 | 9,90 | 10,23 | 10,88 | 11,52 | 12,14 | 12,76 | 13,07 | 13,97 |
| **1 900** | 9,60 | 9,95 | 10,30 | 10,64 | 11,31 | 11,97 | 12,62 | 13,26 | 13,58 | 14,52 |
| **2 000** | 9,96 | 10,32 | 10,68 | 11,03 | 11,73 | 12,42 | 13,09 | 13,75 | 14,08 | 15,05 |
| **2 200** | 10,66 | 11,04 | 11,42 | 11,80 | 12,54 | 13,27 | 13,99 | 14,70 | 15,04 | 16,07 |
| **2 400** | 11,32 | 11,73 | 12,13 | 12,53 | 13,32 | 14,09 | 14,85 | 15,59 | 15,96 | 17,05 |
| **2 600** | 11,95 | 12,38 | 12,80 | 13,22 | 14,05 | 14,87 | 15,66 | 16,45 | 16,84 | 17,98 |
| **2 800** | 12,54 | 12,99 | 13,44 | 13,88 | 14,75 | 15,60 | 16,44 | 17,26 | 17,66 | 18,86 |
| **2 880** | 12,77 | 13,23 | 13,68 | 14,13 | 15,01 | 15,88 | 16,73 | 17,57 | 17,98 | 19,19 |
| **3 000** | 13,10 | 13,57 | 14,03 | 14,49 | 15,40 | 16,29 | 17,16 | 18,02 | 18,44 | 19,68 |
| **3 200** | 13,61 | 14,10 | 14,58 | 15,06 | 16,01 | 16,93 | 17,84 | 18,73 | 19,17 | 20,46 |
| **3 400** | 14,08 | 14,59 | 15,09 | 15,59 | 16,57 | 17,53 | 18,47 | 19,39 | 19,84 | 21,18 |
| **3 600** | 14,50 | 15,03 | 15,55 | 16,06 | 17,08 | 18,07 | 19,04 | 20,00 | 20,47 | 21,85 |
| **3 800** | 14,87 | 15,42 | 15,96 | 16,49 | 17,54 | 18,56 | 19,56 | 20,55 | 21,03 | 22,45 |
| **4 000** | 15,19 | 15,76 | 16,31 | 16,86 | 17,94 | 19,00 | 20,03 | 21,04 | 21,54 | 23,00 |
| **4 200** | 15,46 | 16,04 | 16,61 | 17,18 | 18,29 | 19,37 | 20,43 | 21,47 | 21,98 | 23,48 |
| **4 400** | 15,67 | 16,26 | 16,85 | 17,43 | 18,57 | 19,68 | 20,77 | 21,84 | 22,36 | 23,90 |
| **4 600** | 15,82 | 16,43 | 17,03 | 17,62 | 18,79 | 19,93 | 21,05 | 22,14 | 22,67 | 24,25 |
| **4 800** | 15,90 | 16,52 | 17,14 | 17,75 | 18,94 | 20,11 | 21,25 | 22,37 | 22,91 | 24,52 |
| **5 000** | 15,91 | 16,55 | 17,18 | 17,80 | 19,03 | 20,22 | 21,38 | 22,52 | 23,08 | 24,72 |
| **5 200** | – | – | – | – | 19,03 | 20,25 | 21,44 | 22,60 | 23,17 | 24,84 |

**Belt width** [mm]

| 20 | 30 | 50 | 85 |
|---|---|---|---|

**Width multiplier**

| 0,633 | 1 | 1,734 | 3,02 |
|---|---|---|---|

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section 14M (40 mm wide)

**Table 8o**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 28 | 29 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
| Pitch diameter [mm] | 124,77 | 129,23 | 133,69 | 142,60 | 151,51 | 160,42 | 169,34 | 178,25 | 187,16 | 196,07 | 204,99 |
| r/min | kW | | | | | | | | | | |
| **100** | 2,73 | 2,86 | 2,99 | 3,24 | 3,49 | 3,74 | 3,99 | 4,24 | 4,48 | 4,73 | 4,97 |
| **200** | 4,62 | 4,86 | 5,10 | 5,57 | 6,03 | 6,49 | 6,94 | 7,39 | 7,84 | 8,28 | 8,72 |
| **300** | 6,20 | 6,53 | 6,86 | 7,51 | 8,16 | 8,80 | 9,43 | 10,05 | 10,67 | 11,27 | 11,87 |
| **400** | 7,60 | 8,01 | 8,43 | 9,25 | 10,06 | 10,86 | 11,64 | 12,42 | 13,18 | 13,94 | 14,68 |
| **500** | 8,89 | 9,38 | 9,88 | 10,85 | 11,81 | 12,75 | 13,67 | 14,59 | 15,49 | 16,38 | 17,25 |
| **600** | 10,11 | 10,68 | 11,24 | 12,35 | 13,45 | 14,52 | 15,58 | 16,62 | 17,64 | 18,65 | 19,65 |
| **700** | 11,27 | 11,91 | 12,54 | 13,78 | 15,00 | 16,20 | 17,38 | 18,54 | 19,68 | 20,80 | 21,90 |
| **720** | 11,50 | 12,15 | 12,80 | 14,06 | 15,31 | 16,53 | 17,73 | 18,91 | 20,07 | 21,21 | 22,34 |
| **800** | 12,41 | 13,11 | 13,80 | 15,16 | 16,50 | 17,82 | 19,11 | 20,37 | 21,62 | 22,84 | 24,05 |
| **900** | 13,51 | 14,27 | 15,02 | 16,50 | 17,95 | 19,37 | 20,77 | 22,14 | 23,48 | 24,80 | 26,10 |
| **960** | 14,16 | 14,96 | 15,74 | 17,29 | 18,80 | 20,28 | 21,74 | 23,16 | 24,56 | 25,94 | 27,29 |
| **1 000** | 14,59 | 15,41 | 16,22 | 17,81 | 19,36 | 20,88 | 22,38 | 23,84 | 25,28 | 26,69 | 28,07 |
| **1 100** | 15,66 | 16,53 | 17,39 | 19,08 | 20,73 | 22,35 | 23,94 | 25,49 | 27,01 | 28,51 | 29,97 |
| **1 200** | 16,71 | 17,63 | 18,54 | 20,33 | 22,08 | 23,79 | 25,46 | 27,10 | 28,70 | 30,27 | 31,82 |
| **1 300** | 17,74 | 18,71 | 19,67 | 21,55 | 23,39 | 25,19 | 26,94 | 28,66 | 30,34 | 31,98 | 33,60 |
| **1 400** | 18,76 | 19,78 | 20,78 | 22,75 | 24,68 | 26,55 | 28,38 | 30,18 | 31,93 | 33,65 | 35,33 |
| **1 440** | 19,17 | 20,20 | 21,22 | 23,23 | 25,18 | 27,09 | 28,95 | 30,77 | 32,55 | 34,30 | 36,00 |
| **1 500** | 19,77 | 20,83 | 21,88 | 23,93 | 25,93 | 27,89 | 29,79 | 31,66 | 33,48 | 35,26 | 37,00 |
| **1 600** | 20,75 | 21,86 | 22,95 | 25,08 | 27,16 | 29,19 | 31,17 | 33,10 | 34,98 | 36,83 | 38,63 |
| **1 700** | 21,72 | 22,87 | 24,00 | 26,21 | 28,36 | 30,46 | 32,50 | 34,50 | 36,44 | 38,34 | 40,20 |
| **1 800** | 22,67 | 23,85 | 25,02 | 27,31 | 29,53 | 31,69 | 33,80 | 35,85 | 37,86 | 39,81 | 41,72 |
| **1 900** | 23,59 | 24,82 | 26,02 | 28,37 | 30,66 | 32,89 | 35,06 | 37,17 | 39,23 | 41,23 | 43,19 |
| **2 000** | 24,49 | 25,75 | 26,99 | 29,41 | 31,76 | 34,05 | 36,27 | 38,44 | 40,55 | 42,60 | 44,60 |
| **2 100** | 25,36 | 26,65 | 27,92 | 30,41 | 32,82 | 35,17 | 37,44 | 39,66 | 41,82 | 43,92 | 45,96 |
| **2 200** | 26,19 | 27,52 | 28,82 | 31,37 | 33,84 | 36,24 | 38,57 | 40,83 | 43,03 | 45,18 | 47,26 |
| **2 300** | 26,99 | 28,35 | 29,68 | 32,29 | 34,81 | 37,26 | 39,64 | 41,95 | 44,20 | 46,38 | 48,50 |
| **2 400** | 27,74 | 29,13 | 30,50 | 33,16 | 35,74 | 38,24 | 40,66 | 43,02 | 45,30 | 47,52 | 49,68 |
| **2 500** | 28,46 | 29,87 | 31,27 | 33,98 | 36,61 | 39,16 | 41,63 | 44,02 | 46,35 | 48,60 | 50,79 |
| **2 600** | 29,12 | 30,57 | 31,99 | 34,76 | 37,43 | 40,02 | 42,53 | 44,97 | 47,33 | 49,61 | 51,84 |
| **2 700** | 29,73 | 31,20 | 32,65 | 35,47 | 38,19 | 40,83 | 43,38 | 45,84 | 48,24 | 50,56 | 52,81 |
| **2 800** | 30,29 | 31,79 | 33,26 | 36,12 | 38,89 | 41,56 | 44,15 | 46,65 | 49,08 | 51,43 | 53,70 |
| **2 880** | 30,69 | 32,21 | 33,70 | 36,60 | 39,40 | 42,11 | 44,72 | 47,25 | 49,70 | 52,07 | 54,36 |
| **2 900** | 30,78 | 32,31 | 33,80 | 36,71 | 39,52 | 42,23 | 44,86 | 47,39 | 49,84 | 52,22 | 54,52 |
| **3 000** | 31,21 | 32,76 | 34,28 | 37,23 | 40,08 | 42,83 | 45,48 | 48,05 | 50,53 | 52,93 | 55,25 |
| **3 100** | 31,57 | 33,14 | 34,68 | 37,68 | 40,57 | 43,35 | 46,03 | 48,63 | 51,13 | 53,55 | 55,90 |
| **3 200** | 31,86 | 33,45 | 35,01 | 38,05 | 40,97 | 43,79 | 46,50 | 49,12 | 51,65 | 54,09 | 56,45 |
| **3 300** | 32,07 | 33,68 | 35,26 | 38,34 | 41,29 | 44,14 | 46,88 | 49,53 | 52,08 | 54,54 | 56,91 |
| **3 400** | 32,19 | 33,83 | 35,43 | 38,54 | 41,53 | 44,40 | 47,17 | 49,84 | 52,41 | 54,89 | 57,28 |
| **3 500** | 32,23 | 33,89 | 35,51 | 38,65 | 41,67 | 44,57 | 47,37 | 50,05 | 52,64 | 55,14 | 57,54 |
| **3 600** | – | – | – | 38,67 | 41,72 | 44,64 | 47,46 | 50,17 | 52,77 | 55,28 | 57,69 |
| **3 700** | – | – | – | – | – | – | – | 50,17 | 52,79 | 55,31 | 57,74 |

| **Belt width** [mm] | | | | |
|---|---|---|---|---|
| 40 | 55 | 85 | 115 | 170 |
| **Width multiplier** | | | | |
| 1 | 1,44 | 2,32 | 3,21 | 4,82 |

Pulleys with this r/min can only be used if corresponding reduction of belt service life is allowable.
For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Power ratings
## Section 14M (40 mm wide)

**Table 8p**

| **Faster shaft speed** | **Rated power per belt for small pulley pitch diameter [mm]** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of teeth | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 72 |
| Pitch diameter [mm] | 213,90 | 222,82 | 231,73 | 240,64 | 249,56 | 258,47 | 267,38 | 276,29 | 285,21 | 294,12 | 320,86 |
| r/min | kW | | | | | | | | | | |
| **100** | 5,21 | 5,45 | 5,69 | 5,92 | 6,16 | 6,39 | 6,63 | 6,86 | 7,09 | 7,32 | 8,00 |
| **200** | 9,15 | 9,58 | 10,00 | 10,43 | 10,84 | 11,26 | 11,67 | 12,08 | 12,49 | 12,89 | 14,08 |
| **300** | 12,47 | 13,06 | 13,64 | 14,22 | 14,79 | 15,35 | 15,92 | 16,47 | 17,02 | 17,57 | 19,18 |
| **400** | 15,42 | 16,15 | 16,87 | 17,58 | 18,29 | 18,98 | 19,67 | 20,36 | 21,03 | 21,70 | 23,67 |
| **500** | 18,12 | 18,97 | 19,82 | 20,65 | 21,47 | 22,29 | 23,09 | 23,89 | 24,67 | 25,45 | 27,74 |
| **600** | 20,63 | 21,59 | 22,55 | 23,49 | 24,42 | 25,34 | 26,25 | 27,14 | 28,03 | 28,91 | 31,48 |
| **700** | 22,99 | 24,06 | 25,12 | 26,16 | 27,19 | 28,20 | 29,20 | 30,19 | 31,16 | 32,13 | 34,95 |
| **720** | 23,45 | 24,54 | 25,61 | 26,67 | 27,72 | 28,75 | 29,77 | 30,78 | 31,77 | 32,75 | 35,62 |
| **800** | 25,23 | 26,40 | 27,55 | 28,68 | 29,80 | 30,90 | 31,99 | 33,06 | 34,11 | 35,16 | 38,21 |
| **900** | 27,37 | 28,63 | 29,87 | 31,08 | 32,28 | 33,46 | 34,63 | 35,77 | 36,91 | 38,02 | 41,28 |
| **960** | 28,62 | 29,92 | 31,21 | 32,47 | 33,72 | 34,94 | 36,15 | 37,34 | 38,51 | 39,67 | 43,04 |
| **1 000** | 29,43 | 30,77 | 32,09 | 33,38 | 34,66 | 35,91 | 37,15 | 38,36 | 39,56 | 40,74 | 44,19 |
| **1 100** | 31,41 | 32,83 | 34,22 | 35,59 | 36,93 | 38,25 | 39,55 | 40,83 | 42,10 | 43,34 | 46,95 |
| **1 200** | 33,33 | 34,82 | 36,27 | 37,71 | 39,12 | 40,50 | 41,86 | 43,20 | 44,52 | 45,82 | 49,59 |
| **1 300** | 35,18 | 36,73 | 38,26 | 39,75 | 41,22 | 42,66 | 44,08 | 45,47 | 46,84 | 48,19 | 52,10 |
| **1 400** | 36,97 | 38,59 | 40,17 | 41,72 | 43,25 | 44,74 | 46,21 | 47,65 | 49,07 | 50,46 | 54,50 |
| **1 440** | 37,68 | 39,31 | 40,92 | 42,49 | 44,04 | 45,55 | 47,04 | 48,50 | 49,94 | 51,35 | 55,43 |
| **1 500** | 38,71 | 40,38 | 42,02 | 43,63 | 45,20 | 46,75 | 48,26 | 49,75 | 51,21 | 52,64 | 56,80 |
| **1 600** | 40,39 | 42,12 | 43,81 | 45,46 | 47,08 | 48,67 | 50,23 | 51,76 | 53,26 | 54,73 | 58,99 |
| **1 700** | 42,02 | 43,79 | 45,53 | 47,23 | 48,90 | 50,53 | 52,13 | 53,70 | 55,23 | 56,74 | 61,08 |
| **1 800** | 43,59 | 45,41 | 47,19 | 48,94 | 50,64 | 52,31 | 53,95 | 55,55 | 57,12 | 58,66 | 63,08 |
| **1 900** | 45,10 | 46,97 | 48,79 | 50,58 | 52,32 | 54,03 | 55,69 | 57,33 | 58,92 | 60,49 | 64,99 |
| **2 000** | 46,56 | 48,47 | 50,33 | 52,15 | 53,93 | 55,67 | 57,36 | 59,02 | 60,65 | 62,24 | 66,80 |
| **2 100** | 47,96 | 49,90 | 51,80 | 53,66 | 55,46 | 57,23 | 58,96 | 60,64 | 62,29 | 63,90 | 68,52 |
| **2 200** | 49,30 | 51,28 | 53,21 | 55,09 | 56,93 | 58,72 | 60,47 | 62,18 | 63,85 | 65,48 | 70,14 |
| **2 300** | 50,57 | 52,59 | 54,55 | 56,46 | 58,32 | 60,14 | 61,91 | 63,64 | 65,33 | 66,97 | 71,67 |
| **2 400** | 51,78 | 53,83 | 55,82 | 57,75 | 59,64 | 61,48 | 63,27 | 65,01 | 66,72 | 68,37 | 73,11 |
| **2 500** | 52,92 | 55,00 | 57,01 | 58,97 | 60,88 | 62,73 | 64,54 | 66,30 | 68,02 | 69,69 | 74,45 |
| **2 600** | 53,99 | 56,09 | 58,13 | 60,11 | 62,04 | 63,91 | 65,73 | 67,51 | 69,23 | 70,91 | 75,69 |
| **2 700** | 54,99 | 57,11 | 59,17 | 61,17 | 63,11 | 65,00 | 66,83 | 68,62 | 70,35 | 72,04 | 76,82 |
| **2 800** | 55,91 | 58,05 | 60,13 | 62,14 | 64,10 | 66,00 | 67,84 | 69,64 | 71,38 | 73,07 | 77,86 |
| **2 880** | 56,58 | 58,74 | 60,83 | 62,86 | 64,83 | 66,73 | 68,59 | 70,38 | 72,13 | 73,82 | 78,61 |
| **2 900** | 56,75 | 58,90 | 61,00 | 63,03 | 65,00 | 66,91 | 68,76 | 70,56 | 72,31 | 74,00 | 78,79 |
| **3 000** | 57,50 | 59,67 | 61,78 | 63,83 | 65,80 | 67,72 | 69,58 | 71,39 | 73,13 | 74,83 | 79,61 |
| **3 100** | 58,16 | 60,35 | 62,47 | 64,53 | 66,52 | 68,44 | 70,30 | 72,11 | 73,86 | 75,55 | 80,32 |
| **3 200** | 58,73 | 60,94 | 63,07 | 65,13 | 67,13 | 69,06 | 70,92 | 72,73 | 74,48 | 76,17 | 80,91 |
| **3 300** | 59,21 | 61,42 | 63,57 | 65,63 | 67,63 | 69,57 | 71,43 | 73,24 | 74,98 | 76,67 | – |
| **3 400** | 59,58 | 61,81 | 63,96 | 66,03 | 68,03 | 69,97 | 71,83 | 73,64 | 75,37 | 77,05 | – |
| **3 500** | 59,86 | 62,09 | 64,24 | 66,32 | 68,32 | 70,26 | 72,12 | 73,92 | 75,65 | 77,32 | – |
| **3 600** | 60,02 | 62,26 | 64,42 | 66,50 | 68,50 | 70,43 | 72,29 | 74,08 | 75,80 | – | – |
| **3 700** | 60,07 | 62,31 | 64,47 | 66,55 | 68,55 | 70,48 | 72,33 | 74,12 | – | – | – |

| **Belt width** [mm] | | | | |
|---|---|---|---|---|
| 40 | 55 | 85 | 115 | 170 |
| **Width multiplier** | | | | |
| 1 | 1,44 | 2,32 | 3,21 | 4,82 |

■ For speeds above 33 m/s, the use of stock cast iron pulleys should be avoided. Contact SKF for details.

# Minimum installation and take-up allowances

**Table 9**

| Datum length | Minimum take-up allowance for tensioning | Minimum installation allowance – for fitting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 5M | 8M | 14M | XL | L | H | XH | XXH | |
| mm | mm | | | | | | | | | |
| **< 1 525** | **4** | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 4,5 | 5,5 | No flanged pulleys |
| **1 525–3 050** | **7** | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 8 | |
| **> 3 050** | **10** | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 7,5 | 9,5 | 10,5 | |
| **< 1 525** | **4** | 14 | 22 | 37 | 14 | 14 | 22 | 38 | 54 | One flanged pulleys |
| **1 525–3 050** | **7** | 17 | 25 | 39 | 17 | 17 | 25 | 41 | 54 | One unflanged pulleys |
| **> 3 050** | **10** | 17 | 27 | 42 | 17 | 17 | 27 | 43 | 56 | |
| **< 1 525** | **4** | 20,5 | 35 | 60 | 20,5 | 20,5 | 35 | 61 | 84 | Both flanged pulleys |
| **1 525–3 050** | **7** | 23 | 37 | 62 | 23 | 23 | 37 | 64 | 84 | |
| **> 3 050** | **10** | 23 | 40 | 65 | 23 | 23 | 40 | 66 | 86 | |

# Tensioning methods

## Tensioning with the SKF pen tester

Refer to V-belt section for details on how to use the SKF pen tester. **Table 10** shows deflection values for most common timing belts.

## Tensioning with the SKF Belt Frequency Meter

Refer to V-belt section for details on how to use the SKF Belt Frequency Meter.

General tension values for most popular timing belts are given in **table 11**.

**Table 10**

**Deflection forces for timing belts to be used with the SKF pen tester**

| Section | Belt deflection force<br>New belt | Used run-in belt |
|---|---|---|
| – | kg | |
| **HiTD** | | |
| **5M 9** | 0,7 | 0,5 |
| **5M 15** | 1,3 | 0,9 |
| **5M 25** | 2,2 | 1,7 |
| **8M 20** | 2,6 | 2,0 |
| **8M 30** | 4,2 | 3,1 |
| **8M 50** | 7,3 | 5,4 |
| **8M 85** | 14,2 | 10,5 |
| **14M 40** | 9,1 | 6,7 |
| **14M 55** | 13,3 | 9,8 |
| **14M 85** | n/a | n/a |
| **14M 115** | n/a | n/a |
| **14M 170** | n/a | n/a |
| **STD** | | |
| **S8M20** | 2,8 | 2,0 |
| **S8M30** | 4,4 | 3,2 |
| **S8M50** | 7,8 | 5,7 |
| **S8M85** | 14,1 | 10,4 |
| **S14M40** | 9,3 | 6,9 |
| **S14M55** | 13,3 | 9,8 |
| **S14M85** | n/a | n/a |
| **S14M115** | n/a | n/a |
| **S14M170** | n/a | n/a |
| **Timing belts** | | |
| **XL 025** | n/a | n/a |
| **XL 037** | n/a | n/a |
| **L050** | 0,4 | 0,4 |
| **L075** | 0,7 | 0,6 |
| **L 100** | 1,0 | 0,8 |
| **H075** | 1,6 | 1,4 |
| **H100** | 2,3 | 1,9 |
| **H150** | 3,6 | 3,0 |
| **H200** | 4,9 | 4,0 |
| **H300** | 7,6 | 6,3 |
| **XH 200** | 6,6 | 5,5 |
| **XH 300** | 10,4 | 8,6 |
| **XH 400** | 14,5 | 12,0 |
| **XXH 200** | 8,1 | 6,6 |
| **XXH 300** | 12,4 | 10,2 |
| **XXH 400** | n/a | n/a |
| **XXH 500** | n/a | n/a |

**Table 11**

**Weights and tension values for SKF Timing Belts**

| Section | Belt tension<br>New belt | Used run-in belt | Mass |
|---|---|---|---|
| – | N | | kg/m |
| **HiTD** | | | |
| **5M 9** | 99 | 71 | 0,0369 |
| **5M 15** | 174 | 124 | 0,0614 |
| **5M 25** | 311 | 222 | 0,1024 |
| **8M 20** | 372 | 266 | 0,1282 |
| **8M 30** | 593 | 424 | 0,1922 |
| **8M 50** | 1 037 | 741 | 0,3204 |
| **8M 85** | 2 044 | 1 460 | 0,5447 |
| **14M 40** | 1 297 | 926 | 0,4289 |
| **14M 55** | 1 912 | 1 366 | 0,5897 |
| **14M 85** | 3 142 | 2 244 | 0,9114 |
| **14M 115** | 4 480 | 3 200 | 1,2331 |
| **14M 170** | 7 139 | 5 099 | 1,8228 |
| **STD** | | | |
| **S8M20** | 390 | 279 | 0,1109 |
| **S8M30** | 620 | 443 | 0,1673 |
| **S8M50** | 1 110 | 793 | 0,2782 |
| **S8M85** | 2 030 | 1 450 | 0,4732 |
| **S14M40** | 1 340 | 957 | 0,4620 |
| **S14M55** | 1 925 | 1 375 | 0,6343 |
| **S14M85** | 3 165 | 2 261 | 0,9811 |
| **S14M115** | 4 465 | 3 189 | 1,3268 |
| **S14M170** | 6 975 | 4 982 | 1,9621 |
| **Timing belts** | | | |
| **XL 025** | 13 | 11 | 0,0136 |
| **XL 037** | 24 | 20 | 0,0203 |
| **L050** | 51 | 41 | 0,0433 |
| **L075** | 87 | 70 | 0,0650 |
| **L 100** | 122 | 98 | 0,0867 |
| **H075** | 220 | 176 | 0,0838 |
| **H100** | 311 | 249 | 0,1117 |
| **H150** | 485 | 388 | 0,1675 |
| **H200** | 667 | 534 | 0,2233 |
| **H300** | 1 045 | 836 | 0,3350 |
| **XH 200** | 907 | 726 | 0,5718 |
| **XH 300** | 1 428 | 1 142 | 0,8577 |
| **XH 400** | 2 019 | 1 615 | 1,1436 |
| **XXH 200** | 1 130 | 904 | 0,8087 |
| **XXH 300** | 1 748 | 1 398 | 1,2130 |
| **XXH 400** | 2 478 | 1 982 | 1,6173 |
| **XXH 500** | 3 198 | 2 558 | 2,0217 |

# Calculating belt tension

Insufficient belt tension causes poor tooth engagement (tooth mesh) with the pulley which generates ratcheting, heat and excessive tooth wear. Excess tension typically has no effect on tooth engagement but can have a negative impact on bearing service life.

There are two values that must be considered when tensioning a belt:

**a** $T_{used}$ (Run-in) is minimum tension on the belt providing a satisfactory mesh. Belt tension should ideally not drop below that value during the entire belt service life.
**b** $T_{new}$ (Initial) is maximum tension on the belt used to initially tension a new belt. $T_{new}$ normally decreases during first hours of operation releasing initial high bearing loads.

## General tensioning values

Tensioning values for general purpose machinery are provided by the operating manual for selected tensioning tools. The values represent the "worst case" drives and as such, tend to be higher than the values calculated for a specific drive.

## Calculating tension values

In cases where all drive data is available, it is possible to calculate tension values instead of using the general tensioning values.

To calculate tension values, the following procedure should be used:

**a** Calculate linear belt speed

$$v = \frac{d\,n}{19\,098}$$

where
v = belt speed [m/s]
d = pitch diameter of the motor/driver pulley [mm]
n = speed of driver pulley [r/min]

**b** Find belt pull force

$$T_{pu} = \frac{P\,1\,000}{v}$$

Where:
$T_{pu}$ = belt pull force [N]
P = motor or absorbed power* [kW]
v = belt speed [m/s]

**c** Calculate centrifugal tension of the belt

$$T_c = M\,v^2$$

where
$T_c$ = belt centrifugal tension [N]
M = mass per unit length of the belt [kg/m] – see **table 11**
v = belt speed [m/s]

**d** Calculate strand tensions

$$T_1 = T_{pu}\,A_{Cr} + T_c$$
$$T_2 = [T_{pu}\,(A_{Cr} - 1)] + T_c$$

where
$T_1$, $T_2$ = tight-side tension, slack-side tension [N]
$T_{pu}$ = belt pull force [N]
$A_{Cr}$ = arc of contact ratio factor → **table 12**

**e** Get installation strand tension for a new and for a used run-in belt

$$T_{used} = 0{,}5\,(T_1 + T_2)$$
$$T_{new} = 1{,}4\,T_{used}$$

where
$T_{used}$ = required installation strand tension for a used run-in belt
$T_{new}$ = required strand tension for a new belt

**Table 12**

**Arc of contact ratio factor**

| $\frac{D-d}{C}$* | $AC_r$ | $AC_r-1$ |
|---|---|---|
| – | | |
| **0** | 1,070 | 0,070 |
| **0,1** | 1,080 | 0,080 |
| **0,2** | 1,090 | 0,090 |
| **0,3** | 1,095 | 0,095 |
| **0,4** | 1,100 | 0,100 |
| **0,5** | 1,115 | 0,115 |
| **0,6** | 1,130 | 0,130 |
| **0,7** | 1,145 | 0,145 |
| **0,8** | 1,160 | 0,160 |
| **0,9** | 1,180 | 0,180 |
| **1** | 1,200 | 0,200 |
| **1,1** | 1,220 | 0,220 |
| **1,2** | 1,250 | 0,250 |
| **1,3** | 1,290 | 0,290 |
| **1,4** | 1,340 | 0,340 |
| **1,5** | 1,400 | 0,400 |

*D large pulley diameter (mm)
d small pulley diameter (mm)
C centre distance (mm)

* SKF recommends using absorbed power, if known, as it will optimize the drive design.

**f** If an SKF pen tester is used to tension the belt, calculate belt deflection force using:

$$F_{d\,used} = \frac{\frac{T_{used} + S_p}{L_{ps}\, K_n\, W_b}}{157}$$

$$F_{d\,new} = \frac{\frac{T_{new} + S_p}{L_{ps}\, K_n\, W_b}}{157}$$

where

$F_{d\,used}$ = deflection force for a used run-in belt [kg]
$F_{d\,new}$ = deflection force for a new belt [kg]
$T_{new}$, $T_{used}$ = corresponding strand tensions [N]
$S_p$ = free tangential span length [mm]
$L_{ps}$ = belt pitch length [mm]
$K_n$ = normalized belt modulus factor [N/mm of belt width] → **table 13**
$W_b$ = belt width

**g** If the SKF Belt Frequency Meter is used to tension the belt, take value $T_{new}$ ($T_{used}$) and directly compare it with the readings from the tester.

**Table 13**

**Belt modulus factor**

| Section | $K_n$* |
|---|---|
| – | N/mm |
| 5M | 5,05 |
| 8M | 7,25 |
| 14M | 10,4 |
| 20M | 25,5 |
| XL | 2,56 |
| L | 4,7 |
| H | 6,61 |
| XH | 8,77 |
| XXH | 8,77 |

* $K_n$ values are given in normalized form per 1 mm of belt width. Multiply $K_n$ by belt width to get the actual modulus factor K.

* Where a drive is very overbelted, it is advisable to enter the $T_{pu}$ calculation with increased power, e.g. power that will utilize 100% of belt capacity. Failure to do this will result in too low calculated tension, which does not result in enough initial belt stretch to have proper teeth meshing.

# Timing pulleys



**Table 14a**

### 3M (RSB)

| Number of teeth | For belt width 9 | 15 |
|---|---|---|
| – | mm | |
| 10 | ✓ | ✓ |
| 12 | ✓ | ✓ |
| 14 | ✓ | ✓ |
| 15 | ✓ | ✓ |
| 16 | ✓ | ✓ |
| 18 | ✓ | ✓ |
| 20 | ✓ | ✓ |
| 21 | ✓ | ✓ |
| 22 | ✓ | ✓ |
| 24 | ✓ | ✓ |
| 26 | ✓ | ✓ |
| 28 | ✓ | ✓ |
| 30 | ✓ | ✓ |
| 32 | ✓ | ✓ |
| 36 | ✓ | ✓ |
| 40 | ✓ | ✓ |
| 44 | ✓ | ✓ |
| 48 | ✓ | ✓ |
| 60 | ✓ | ✓ |
| 72 | ✓ | ✓ |

**Table 14b**

### 5M (RSB)

| Number of teeth | For belt width 9 | 15 | 25 |
|---|---|---|---|
| – | mm | | |
| 12 | ✓ | ✓ | ✓ |
| 14 | ✓ | ✓ | ✓ |
| 15 | ✓ | ✓ | ✓ |
| 16 | ✓ | ✓ | ✓ |
| 18 | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ |
| 80 | ✗ | ✗ | ✓ |

**Table 14c**

### 8M (RSB)

| Number of teeth | For belt width 20 | 30 | 50 | 85 |
|---|---|---|---|---|
| – | mm | | | |
| 20 | ✓ | ✓ | ✗ | ✗ |
| 21 | ✓ | ✓ | ✗ | ✗ |
| 22 | ✓ | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ | ✓ |
| 29 | ✓ | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ | ✓ |
| 31 | ✓ | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ | ✓ |
| 33 | ✓ | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ | ✓ |
| 35 | ✓ | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ |
| 45 | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ | ✓ |
| 52 | ✓ | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ | ✓ |
| 64 | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ |
| 80 | ✓ | ✓ | ✓ | ✓ |
| 90 | ✓ | ✓ | ✓ | ✓ |
| 112 | ✓ | ✓ | ✓ | ✓ |
| 144 | ✓ | ✓ | ✓ | ✓ |
| 168 | ✓ | ✓ | ✓ | ✓ |
| 192 | ✓ | ✓ | ✓ | ✓ |

# Timing pulleys

## Table 14d

### 14M (RSB)

| Number of teeth | For belt width | | | | |
|---|---|---|---|---|---|
| | 40 | 55 | 85 | 115 | 170 |
| – | mm | | | | |
| 28 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 29 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 64 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 80 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 90 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 112 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 144 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 168 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 192 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 216 | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 14e

### 8M (taper bushed)

| Number of teeth | For belt width | | | |
|---|---|---|---|---|
| | 20 | 30 | 50 | 85 |
| – | mm | | | |
| 20 | X | ✓ | X | X |
| 21 | X | ✓ | X | X |
| 22 | ✓ | ✓ | X | X |
| 23 | X | ✓ | X | X |
| 24 | ✓ | ✓ | ✓ | ✓ |
| 25 | X | ✓ | X | X |
| 26 | ✓ | ✓ | ✓ | ✓ |
| 27 | X | ✓ | ✓ | X |
| 28 | ✓ | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ | ✓ |
| 31 | X | ✓ | ✓ | X |
| 32 | ✓ | ✓ | ✓ | X |
| 33 | X | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ | ✓ |
| 35 | X | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ |
| 45 | X | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ |
| 50 | X | ✓ | ✓ | ✓ |
| 52 | X | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ | ✓ |
| 58 | X | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ | ✓ |
| 64 | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ |
| 80 | ✓ | ✓ | ✓ | ✓ |
| 90 | ✓ | ✓ | ✓ | ✓ |
| 112 | X | ✓ | ✓ | ✓ |
| 144 | X | ✓ | ✓ | ✓ |
| 168 | X | ✓ | ✓ | ✓ |
| 192 | X | ✓ | ✓ | ✓ |

## Table 14f

### 14M (taper bushed)

| Number of teeth | For belt width | | | | |
|---|---|---|---|---|---|
| | 40 | 55 | 85 | 115 | 170 |
| – | mm | | | | |
| 28 | ✓ | ✓ | ✓ | ✓ | X |
| 29 | ✓ | ✓ | ✓ | ✓ | X |
| 30 | ✓ | ✓ | ✓ | ✓ | X |
| 32 | ✓ | ✓ | ✓ | ✓ | X |
| 34 | ✓ | ✓ | ✓ | ✓ | X |
| 35 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 45 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 64 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 80 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 90 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 112 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 144 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 168 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 192 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 216 | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 14g

### 5M (taper bushed)

| Number of teeth | For belt width |
|---|---|
| | 15 |
| – | mm |
| 34 | ✓ |
| 36 | ✓ |
| 38 | ✓ |
| 40 | ✓ |
| 44 | ✓ |
| 48 | ✓ |
| 56 | ✓ |
| 64 | ✓ |
| 72 | ✓ |
| 80 | ✓ |
| 90 | ✓ |
| 112 | ✓ |
| 136 | ✓ |
| 150 | ✓ |

# Timing pulleys



**Table 14h**

## XL (RSB)

| Number of teeth | For belt width 6,4 and 9,5 |
|---|---|
| – | mm |
| 10 | ✓ |
| 11 | ✓ |
| 12 | ✓ |
| 13 | ✓ |
| 14 | ✓ |
| 15 | ✓ |
| 16 | ✓ |
| 17 | ✓ |
| 18 | ✓ |
| 19 | ✓ |
| 20 | ✓ |
| 21 | ✓ |
| 22 | ✓ |
| 24 | ✓ |
| 26 | ✓ |
| 27 | ✓ |
| 28 | ✓ |
| 29 | ✓ |
| 30 | ✓ |
| 32 | ✓ |
| 34 | ✓ |
| 35 | ✓ |
| 36 | ✓ |
| 38 | ✓ |
| 40 | ✓ |
| 42 | ✓ |
| 44 | ✓ |
| 45 | ✓ |
| 48 | ✓ |
| 60 | ✓ |
| 72 | ✓ |

**Table 14i**

## L (RSB)

| Number of teeth | For belt width 12,7 | 19,1 | 25,4 |
|---|---|---|---|
| – | mm | | |
| 10 | ✓ | ✓ | ✓ |
| 11 | ✓ | ✓ | ✓ |
| 12 | ✓ | ✓ | ✓ |
| 13 | ✓ | ✓ | ✓ |
| 14 | ✓ | ✓ | ✓ |
| 15 | ✓ | ✓ | ✓ |
| 16 | ✓ | ✓ | ✓ |
| 17 | ✓ | ✓ | ✓ |
| 18 | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ |
| 29 | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ |
| 31 | ✓ | ✓ | – |
| 32 | ✓ | ✓ | ✓ |
| 33 | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ |
| 35 | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ |
| 45 | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ |
| 52 | ✓ | ✓ | ✓ |
| 56 | ✓ | ✓ | ✓ |
| 57 | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ |
| 76 | ✓ | ✓ | ✓ |
| 84 | ✓ | ✓ | ✓ |
| 95 | ✓ | ✓ | ✓ |
| 96 | ✓ | ✓ | ✓ |
| 120 | X | ✓ | ✓ |

**Table 14j**

## H (RSB)

| Number of teeth | For belt width 19,1 | 25,4 | 38,1 | 50,8 |
|---|---|---|---|---|
| – | mm | | | |
| 14 | ✓ | ✓ | ✓ | ✓ |
| 15 | ✓ | ✓ | ✓ | ✓ |
| 16 | ✓ | ✓ | ✓ | ✓ |
| 17 | ✓ | ✓ | ✓ | ✓ |
| 18 | ✓ | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ | ✓ |
| 29 | ✓ | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ | ✓ |
| 31 | ✓ | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ | ✓ |
| 33 | ✓ | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ | ✓ |
| 35 | ✓ | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ | ✓ |
| 42 | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ |
| 45 | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ | ✓ |
| 52 | X | ✓ | ✓ | ✓ |
| 57 | X | ✓ | ✓ | ✓ |
| 58 | X | ✓ | ✓ | ✓ |
| 60 | X | ✓ | ✓ | ✓ |
| 70 | X | ✓ | ✓ | ✓ |
| 72 | X | ✓ | ✓ | ✓ |
| 76 | X | ✓ | ✓ | ✓ |
| 84 | X | ✓ | ✓ | ✓ |
| 96 | X | ✓ | ✓ | ✓ |
| 120 | X | ✓ | ✓ | ✓ |
| 156 | X | ✓ | ✓ | ✓ |

# Timing pulleys

## Table 14k

### XH (RSB)

| Number of teeth | For belt width | | |
|---|---|---|---|
| | 50,8 | 76,2 | 101,6 |
| – | mm | | |
| 18 | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ |
| 34 | ✓ | ✓ | ✓ |
| 38 | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ |

## Table 14l

### H (taper bushed)

| Number of teeth | For belt width | | | | |
|---|---|---|---|---|---|
| | 19,1 | 25,4 | 38,1 | 50,8 | 76,2 |
| – | mm | | | | |
| 14 | ✓ | ✓ | ✓ | X | X |
| 15 | ✓ | ✓ | X | X | X |
| 16 | ✓ | ✓ | ✓ | ✓ | X |
| 17 | ✓ | ✓ | X | X | X |
| 18 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ | ✓ | X |
| 20 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 29 | ✓ | X | X | X | X |
| 30 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 33 | ✓ | X | X | X | X |
| 34 | ✓ | X | X | X | X |
| 35 | ✓ | X | X | X | X |
| 36 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | ✓ | X | X | X | X |
| 40 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 84 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 96 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 120 | ✓ | ✓ | ✓ | ✓ | ✓ |

## Table 14m

### XH (taper bushed)

| Number of teeth | For belt width | | |
|---|---|---|---|
| | 50,8 | 76,2 | 101,6 |
| – | mm | | |
| 18 | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ |
| 25 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ |

## Table 14n

### L (taper bushed)

| Number of teeth | For belt width | | |
|---|---|---|---|
| | 12,7 | 19,1 | 25,4 |
| – | mm | | |
| 18 | ✓ | ✓ | ✓ |
| 19 | ✓ | ✓ | ✓ |
| 20 | ✓ | ✓ | ✓ |
| 21 | ✓ | ✓ | ✓ |
| 22 | ✓ | ✓ | ✓ |
| 23 | ✓ | ✓ | ✓ |
| 24 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 26 | ✓ | ✓ | ✓ |
| 27 | ✓ | ✓ | ✓ |
| 28 | ✓ | ✓ | ✓ |
| 30 | ✓ | ✓ | ✓ |
| 32 | ✓ | ✓ | ✓ |
| 36 | ✓ | ✓ | ✓ |
| 40 | ✓ | ✓ | ✓ |
| 44 | ✓ | ✓ | ✓ |
| 48 | ✓ | ✓ | ✓ |
| 60 | ✓ | ✓ | ✓ |
| 72 | ✓ | ✓ | ✓ |
| 84 | ✓ | ✓ | ✓ |
| 96 | ✓ | ✓ | ✓ |
| 120 | ✓ | ✓ | ✓ |

# Installation and maintenance



**1** Make sure the pulleys are properly aligned. Overall misalignment is usually a combination of parallel misalignment β and angular misalignment α (→ **fig. 1**). The maximum allowable misalignment is 1/3 degree. Higher values will cause tooth wear and reduce belt life. SKF recommends checking the pulleys when the drive is tensioned, since this will indicate misalignment from shaft deflections.

**2** Check that pulleys are not worn. Inspect for erosion, which may be seen as pockets on the driving of the pulley (→ **fig. 2**).

Pulleys should be inspected every time a new belt is installed. They are consumable items and should be changed at the third belt installation or sooner if operating under severe conditions.

**3** How to install timing belts?

- Inspect pulleys and alignment
- Install new belt over the pulleys
- Measure the span length
- Lengthen the centre distance or adjust the idler to set tension to a specific value
- Use one of the methods described in tensioning chapter for timing belts
- If possible, run the drive for approximately 5 minutes with or without load to take majority of tension decay
- Re-tension to new belt tension value
- Recheck belt tension, alignment and capscrew torque of tapered bushings after 8 hours of operation.

**4** Maintenance

Periodic inspection is recommended. Factors to look for:

- Belt tension – re-tension to previously used run-in belt tension if needed.
- Belt condition – see section *Troubleshooting guide* on **page 152**.
- Check alignment with the SKF Belt Alignment Tool
- Check pulley conditions

Fig. 1

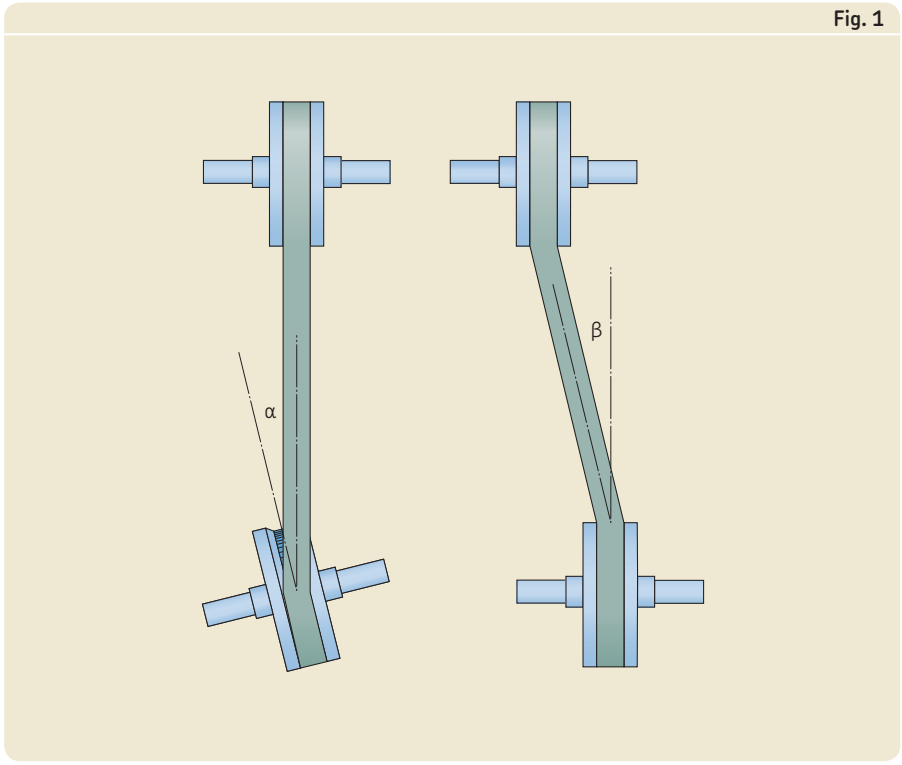
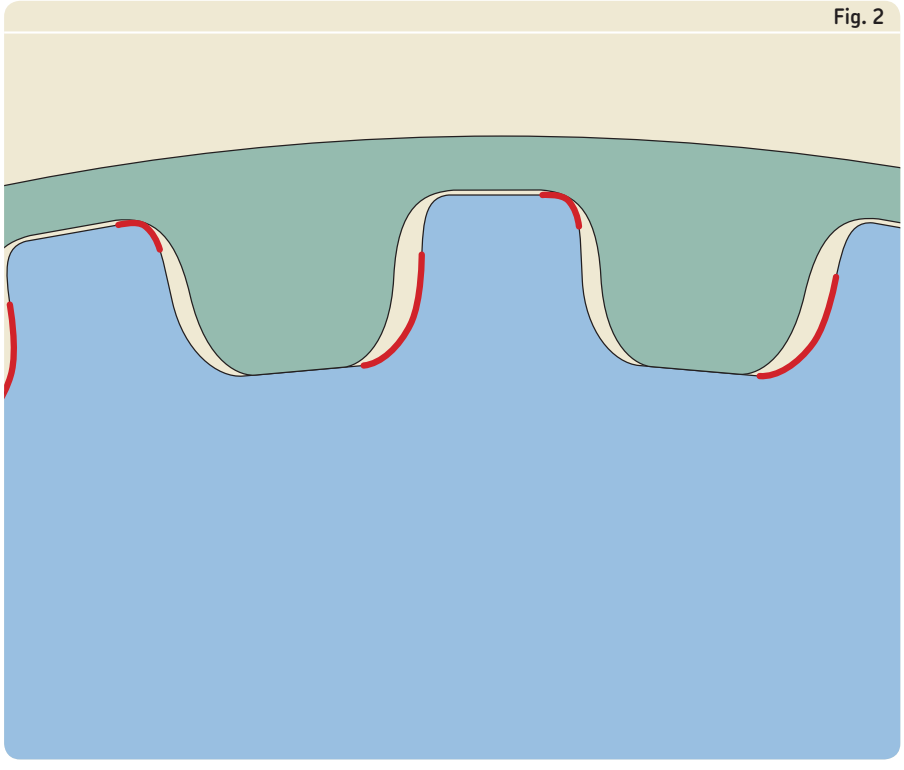



Fig. 2



# Troubleshooting guide

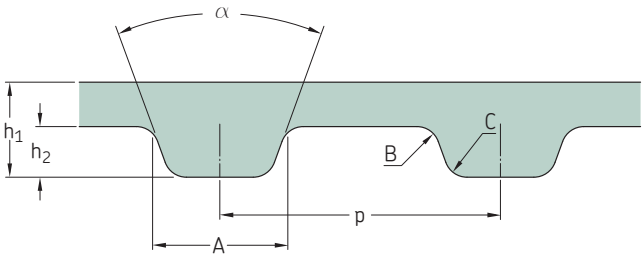
**Table 15**

**Timing belt failure and troubleshooting guide**

| Problem | Possible causes | Solution |
|---|---|---|
| Excessive edge wear | Misaligned drive | Check pulley alignment |
| | Belt too wide | Check belt/pulley compatibility |
| | Bent or rough flange | Replace or repair the pulley |
| | Belts undertensioned | Check belt tension |
| Tooth shear | Excessive load, shock on the drive | Check drive design (power rating) |
| | Worn pulleys or excessive pulley runout | Replace pulleys |
| | Incorrect match of belt and pulleys | Check belt/pulley compatibility |
| | Belt overtensioned or undertensioned | Check belt tension |
| | Less than 6 teeth in mesh | Redesign the drive |
| Excessive tooth wear | Belt overtensioned or undertensioned | Check belt tension |
| | Excessive load | Check drive design ( power rating) |
| | Misalignment | Check pulley alignment |
| | Worn pulleys | Replace pulleys |
| | Incorrect match of belt and pulleys | Check belt/pulley compatibility |
| Belts break | Damage of glass cord due to handling. | Follow proper handling procedure |
| | Debris in pulley, drive exposed to debris | Clean pulleys and protect drive |
| | Excessive load | Check drive design (power rating) |
| Backside cracks on the belt | Pulley diameter too low | Follow recommendations for minimum pulley diameter |
| | Backside idler | Use inside idler or increase backside idler diameter |
| | Belt runs out of temperature range | Try to control conditions |
| Excessive drive noise | Misalignment | Check pulley alignment |
| | Belt overtensioned or undertensioned | Check belt tension |
| | Too high belt speed (> 33 m/s) | Redesign the drive |
| | Excessive load | Check drive design (power rating) |
| Improper tracking | Misalignment | Check pulley alignment |
| | Too high centre distance (> 8× small pulley diameter) | Redesign the drive |

## SKF Classical Timing Belts

XL

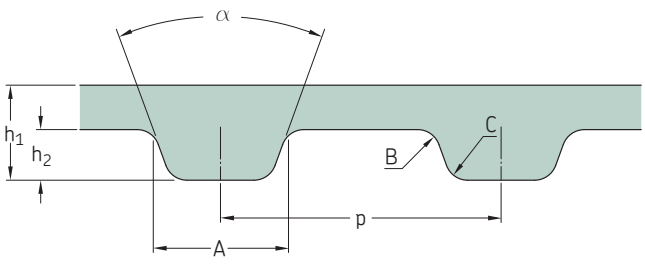



| Section | Number of teeth | Dimensions Pitch length | | | | | | | | | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $h_1$ | $h_2$ | A | B | p | C | α | |
| – | – | in. | mm | | | | | | | ° | – |
| XL | 22 | 4,40 | 111,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 44-XL-... |
| | 28 | 5,60 | 142,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 56-XL-... |
| | 30 | 6,00 | 152,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 60-XL-... |
| | 35 | 7,00 | 177,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 70-XL-... |
| | 36 | 7,20 | 182,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 72-XL-... |
| | 37 | 7,40 | 187,96 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 74-XL-... |
| | 38 | 7,60 | 193,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 76-XL-... |
| | 40 | 8,00 | 203,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 80-XL-... |
| | 41 | 8,20 | 208,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 82-XL-... |
| | 42 | 8,40 | 213,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 84-XL-... |
| | 43 | 8,60 | 218,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 86-XL-... |
| | 44 | 8,80 | 223,52 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 88-XL-... |
| | 45 | 9,00 | 228,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 90-XL-... |
| | 46 | 9,20 | 233,68 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 92-XL-... |
| | 47 | 9,40 | 238,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 94-XL-... |
| | 48 | 9,60 | 243,84 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 96-XL-... |
| | 49 | 9,80 | 248,92 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 98-XL-... |
| | 50 | 10,00 | 254,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 100-XL-... |
| | 51 | 10,20 | 259,08 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 102-XL-... |
| | 52 | 10,40 | 264,16 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 104-XL-... |
| | 53 | 10,60 | 269,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 106-XL-... |
| | 54 | 10,80 | 274,32 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 108-XL-... |
| | 55 | 11,00 | 279,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 110-XL-... |
| | 56 | 11,20 | 284,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 112-XL-... |
| | 57 | 11,40 | 289,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 114-XL-... |
| | 58 | 11,60 | 294,64 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 116-XL-... |
| | 59 | 11,80 | 299,72 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 118-XL-... |
| | 60 | 12,00 | 304,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 120-XL-... |
| | 61 | 12,20 | 309,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 122-XL-... |
| | 62 | 12,40 | 314,96 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 124-XL-... |
| | 63 | 12,60 | 320,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 126-XL-... |
| | 64 | 12,80 | 325,12 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 128-XL-... |
| | 65 | 13,00 | 330,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 130-XL-... |
| | 66 | 13,20 | 335,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 132-XL-... |
| | 67 | 13,40 | 340,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 134-XL-... |
| | 68 | 13,60 | 345,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 136-XL-... |
| | 70 | 14,00 | 355,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 140-XL-... |
| | 71 | 14,20 | 360,68 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 142-XL-... |
| | 72 | 14,40 | 365,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 144-XL-... |
| | 73 | 14,60 | 370,84 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 146-XL-... |
| | 74 | 14,80 | 375,92 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 148-XL-... |
| | 75 | 15,00 | 381,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 150-XL-... |
| | 76 | 15,20 | 386,08 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 152-XL-... |
| | 77 | 15,40 | 391,16 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 154-XL-... |
| | 78 | 15,60 | 396,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 156-XL-... |
| | 80 | 16,00 | 406,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 160-XL-... |
| | 81 | 16,20 | 411,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 162-XL-... |
| | 82 | 16,40 | 416,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 164-XL-... |
| | 83 | 16,60 | 421,64 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 166-XL-... |
| | 84 | 16,80 | 426,72 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 168-XL-... |
| | 85 | 17,00 | 431,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 170-XL-... |
| | 86 | 17,20 | 436,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 172-XL-... |
| | 88 | 17,60 | 447,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 176-XL-... |
| | 89 | 17,80 | 452,12 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 178-XL-... |
| | 90 | 18,00 | 457,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 180-XL-... |
| | 91 | 18,20 | 462,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 182-XL-... |
| | 92 | 18,40 | 467,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 184-XL-... |
| | 93 | 18,60 | 472,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 186-XL-... |
| | 94 | 18,80 | 477,52 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 188-XL-... |
| | 95 | 19,00 | 482,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 190-XL-... |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

## SKF Classical Timing Belts

XL

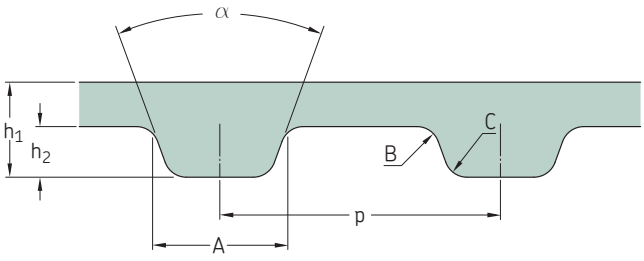



| Section | Number of teeth | Dimensions Pitch length | | | | | | | | | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $h_1$ | $h_2$ | A | B | p | C | α | |
| – | – | in. | mm | | | | | | | ° | – |
| **XL** | 96 | 19,20 | 487,68 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 192-XL-...** |
| | 97 | 19,40 | 492,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 194-XL-...** |
| | 98 | 19,60 | 497,84 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 196-XL-...** |
| | 99 | 19,80 | 502,92 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 198-XL-...** |
| | 100 | 20,00 | 508,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 200-XL-...** |
| | 101 | 20,20 | 513,08 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 202-XL-...** |
| | 103 | 20,60 | 523,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 206-XL-...** |
| | 104 | 20,80 | 528,32 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 208-XL-...** |
| | 105 | 21,00 | 533,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 210-XL-...** |
| | 106 | 21,20 | 538,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 212-XL-...** |
| | 107 | 21,40 | 543,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 214-XL-...** |
| | 109 | 21,80 | 553,72 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 218-XL-...** |
| | 110 | 22,00 | 558,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 220-XL-...** |
| | 113 | 22,60 | 574,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 226-XL-...** |
| | 114 | 22,80 | 579,12 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 228-XL-...** |
| | 115 | 23,00 | 584,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 230-XL-...** |
| | 117 | 23,40 | 594,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 234-XL-...** |
| | 118 | 23,60 | 599,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 236-XL-...** |
| | 120 | 24,00 | 609,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 240-XL-...** |
| | 124 | 24,80 | 629,92 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 248-XL-...** |
| | 125 | 25,00 | 635,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 250-XL-...** |
| | 128 | 25,60 | 650,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 256-XL-...** |
| | 130 | 26,00 | 660,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 260-XL-...** |
| | 132 | 26,40 | 670,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 264-XL-...** |
| | 135 | 27,00 | 685,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 270-XL-...** |
| | 137 | 27,40 | 695,96 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 274-XL-...** |
| | 138 | 27,60 | 701,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 276-XL-...** |
| | 140 | 28,00 | 711,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 280-XL-...** |
| | 141 | 28,20 | 716,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 282-XL-...** |
| | 143 | 28,60 | 726,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 286-XL-...** |
| | 145 | 29,00 | 736,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 290-XL-...** |
| | 150 | 30,00 | 762,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 300-XL-...** |
| | 152 | 30,40 | 772,16 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 304-XL-...** |
| | 153 | 30,60 | 777,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 306-XL-...** |
| | 155 | 31,00 | 787,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 310-XL-...** |
| | 158 | 31,60 | 802,64 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 316-XL-...** |
| | 160 | 32,00 | 812,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 320-XL-...** |
| | 161 | 32,20 | 817,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 322-XL-...** |
| | 163 | 32,60 | 828,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 326-XL-...** |
| | 165 | 33,00 | 838,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 330-XL-...** |
| | 170 | 34,00 | 863,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 340-XL-...** |
| | 172 | 34,40 | 873,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 344-XL-...** |
| | 174 | 34,80 | 883,92 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 348-XL-...** |
| | 176 | 35,20 | 894,08 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 352-XL-...** |
| | 178 | 35,60 | 904,24 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 356-XL-...** |
| | 180 | 36,00 | 914,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 360-XL-...** |
| | 181 | 36,20 | 919,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 362-XL-...** |
| | 182 | 36,40 | 924,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 364-XL-...** |
| | 186 | 37,20 | 944,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 372-XL-...** |
| | 188 | 37,60 | 955,04 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 376-XL-...** |
| | 190 | 38,00 | 965,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 380-XL-...** |
| | 192 | 38,40 | 975,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 384-XL-...** |
| | 195 | 39,00 | 990,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 390-XL-...** |
| | 196 | 39,20 | 995,68 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 392-XL-...** |
| | 200 | 40,00 | 1 016,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 400-XL-...** |
| | 206 | 41,20 | 1 046,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 412-XL-...** |
| | 207 | 41,40 | 1 051,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 414-XL-...** |
| | 212 | 42,40 | 1 076,96 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 424-XL-...** |
| | 215 | 43,00 | 1 092,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 430-XL-...** |
| | 216 | 43,20 | 1 097,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | **PHG 432-XL-...** |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

## SKF Classical Timing Belts

XL | L

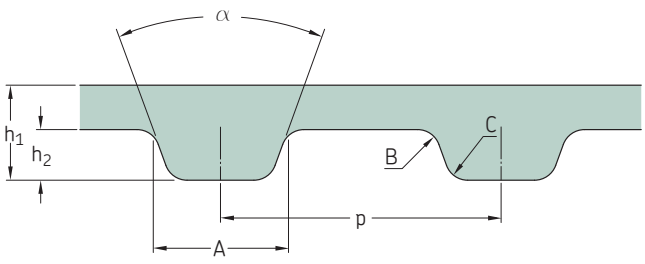



| Section | Number of teeth | Dimensions Pitch length | | $h_1$ | $h_2$ | A | B | p | C | α | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | in. | mm | | | | | | | ° | – |
| XL | 217 | 43,40 | 1 102,36 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 434-XL-... |
| | 225 | 45,00 | 1 143,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 450-XL-... |
| | 230 | 46,00 | 1 168,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 460-XL-... |
| | 240 | 48,00 | 1 219,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 480-XL-... |
| | 245 | 49,00 | 1 244,60 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 490-XL-... |
| | 246 | 49,20 | 1 249,68 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 492-XL-... |
| | 257 | 51,40 | 1 305,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 514-XL-... |
| | 280 | 56,00 | 1 422,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 560-XL-... |
| | 282 | 56,40 | 1 432,56 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 564-XL-... |
| | 290 | 58,00 | 1 473,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 580-XL-... |
| | 306 | 61,20 | 1 554,48 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 612-XL-... |
| | 315 | 63,00 | 1 600,20 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 630-XL-... |
| | 335 | 67,00 | 1 701,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 670-XL-... |
| | 336 | 67,20 | 1 706,88 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 672-XL-... |
| | 343 | 68,60 | 1 742,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 686-XL-... |
| | 355 | 71,00 | 1 803,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 710-XL-... |
| | 360 | 72,00 | 1 828,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 720-XL-... |
| | 368 | 73,60 | 1 869,44 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 736-XL-... |
| | 394 | 78,80 | 2 001,52 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 788-XL-... |
| | 430 | 86,00 | 2 184,40 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 860-XL-... |
| | 516 | 103,20 | 2 621,28 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1032-XL-... |
| | 610 | 122,00 | 3 098,80 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1220-XL-... |
| | 650 | 130,00 | 3 302,00 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1300-XL-... |
| | 747 | 149,40 | 3 794,76 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 1494-XL-... |
| | 1 064 | 212,80 | 5 405,12 | 2,30 | 1,27 | 2,57 | 0,38 | 5,080 | 0,38 | 50 | PHG 2128-XL-... |
| L | 18 | 6,75 | 171,45 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 67-L-... |
| | 26 | 9,75 | 247,65 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 98-L-... |
| | 29 | 10,88 | 276,23 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 109-L-... |
| | 30 | 11,25 | 285,75 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 113-L-... |
| | 33 | 12,38 | 314,33 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 124-L-... |
| | 35 | 13,13 | 333,38 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 130-L-... |
| | 36 | 13,50 | 342,90 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 135-L-... |
| | 38 | 14,25 | 361,95 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 143-L-... |
| | 40 | 15,00 | 381,00 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 150-L-... |
| | 41 | 15,38 | 390,53 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 154-L-... |
| | 42 | 15,75 | 400,05 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 158-L-... |
| | 43 | 16,13 | 409,58 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 160-L-... |
| | 44 | 16,50 | 419,10 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 165-L-... |
| | 45 | 16,88 | 428,63 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 169-L-... |
| | 46 | 17,25 | 438,15 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 173-L-... |
| | 47 | 17,63 | 447,68 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 177-L-... |
| | 48 | 18,00 | 457,20 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 180-L-... |
| | 49 | 18,38 | 466,73 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 185-L-... |
| | 50 | 18,75 | 476,25 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 187-L-... |
| | 51 | 19,13 | 485,78 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 191-L-... |
| | 52 | 19,50 | 495,30 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 195-L-... |
| | 54 | 20,25 | 514,35 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 203-L-... |
| | 56 | 21,00 | 533,40 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 210-L-... |
| | 57 | 21,38 | 542,93 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 214-L-... |
| | 58 | 21,75 | 552,45 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 217-L-... |
| | 60 | 22,50 | 571,50 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 225-L-... |
| | 62 | 23,25 | 590,55 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 232-L-... |
| | 63 | 23,60 | 599,44 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 236-L-... |
| | 64 | 24,00 | 609,60 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 240-L-... |
| | 65 | 24,38 | 619,13 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 244-L-... |
| | 68 | 25,50 | 647,70 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 255-L-... |
| | 69 | 25,80 | 655,32 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 258-L-... |
| | 70 | 26,25 | 666,75 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 263-L-... |
| | 71 | 26,63 | 676,28 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 265-L-... |
| | 72 | 27,00 | 685,80 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | PHG 270-L-... |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

## SKF Classical Timing Belts

L

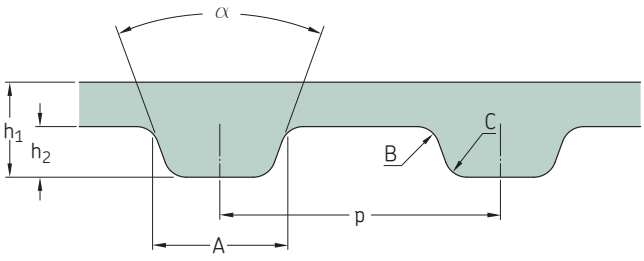



| Section | Number of teeth | Dimensions Pitch length | | | | | | | | | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $h_1$ | $h_2$ | A | B | p | C | α | |
| – | – | in. | mm | | | | | | | ° | – |
| L | 73 | 27,38 | 695,33 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 275-L-...** |
| | 74 | 27,75 | 704,85 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 277-L-...** |
| | 75 | 28,13 | 714,38 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 280-L-...** |
| | 76 | 28,50 | 723,90 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 285-L-...** |
| | 80 | 30,00 | 762,00 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 300-L-...** |
| | 81 | 30,38 | 771,53 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 304-L-...** |
| | 84 | 31,50 | 800,10 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 315-L-...** |
| | 85 | 31,88 | 809,63 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 320-L-...** |
| | 86 | 32,25 | 819,15 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 322-L-...** |
| | 87 | 32,63 | 828,68 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 328-L-...** |
| | 88 | 33,00 | 838,20 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 330-L-...** |
| | 89 | 33,38 | 847,73 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 334-L-...** |
| | 90 | 33,75 | 857,25 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 337-L-...** |
| | 91 | 34,13 | 866,78 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 341-L-...** |
| | 92 | 34,50 | 876,30 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 345-L-...** |
| | 94 | 35,25 | 895,35 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 352-L-...** |
| | 96 | 36,00 | 914,40 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 360-L-...** |
| | 98 | 36,75 | 933,45 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 367-L-...** |
| | 99 | 37,13 | 942,98 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 371-L-...** |
| | 100 | 37,50 | 952,50 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 375-L-...** |
| | 102 | 38,25 | 971,55 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 382-L-...** |
| | 103 | 38,63 | 981,08 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 387-L-...** |
| | 104 | 39,00 | 990,60 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 390-L-...** |
| | 105 | 39,38 | 1 000,13 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 394-L-...** |
| | 106 | 39,75 | 1 009,65 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 397-L-...** |
| | 108 | 40,50 | 1 028,70 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 405-L-...** |
| | 109 | 40,88 | 1 038,23 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 408-L-...** |
| | 110 | 41,25 | 1 047,75 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 412-L-...** |
| | 112 | 42,00 | 1 066,80 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 420-L-...** |
| | 114 | 42,75 | 1 085,85 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 427-L-...** |
| | 116 | 43,50 | 1 104,90 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 435-L-...** |
| | 117 | 43,88 | 1 114,43 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 439-L-...** |
| | 119 | 44,20 | 1 122,68 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 442-L-...** |
| | 120 | 45,00 | 1 143,00 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 450-L-...** |
| | 121 | 45,38 | 1 152,53 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 453-L-...** |
| | 123 | 46,13 | 1 171,70 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 461-L-...** |
| | 124 | 46,50 | 1 181,10 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 465-L-...** |
| | 128 | 48,00 | 1 219,20 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 480-L-...** |
| | 132 | 49,50 | 1 257,30 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 495-L-...** |
| | 133 | 50,00 | 1 270,00 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 500-L-...** |
| | 136 | 51,00 | 1 295,40 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 510-L-...** |
| | 138 | 51,80 | 1 315,72 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 518-L-...** |
| | 140 | 52,50 | 1 333,50 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 525-L-...** |
| | 144 | 54,00 | 1 371,60 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 540-L-...** |
| | 148 | 55,50 | 1 409,70 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 555-L-...** |
| | 148 | 54,80 | 1 391,92 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 548-L-...** |
| | 152 | 57,00 | 1 447,80 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 570-L-...** |
| | 153 | 57,38 | 1 457,33 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 574-L-...** |
| | 155 | 58,13 | 1 476,38 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 581-L-...** |
| | 156 | 58,50 | 1 485,90 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 585-L-...** |
| | 160 | 60,00 | 1 524,00 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 600-L-...** |
| | 165 | 61,88 | 1571,63 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 619-L-...** |
| | 168 | 63,00 | 1600,2 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 630-L-...** |
| | 169 | 63,38 | 1609,73 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 634-L-...** |
| | 176 | 66,00 | 1676,4 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 660-L-...** |
| | 185 | 69,38 | 1762,13 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 694-L-...** |
| | 186 | 69,75 | 1771,65 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 697-L-...** |
| | 187 | 70,13 | 1781,3 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 701-L-...** |
| | 192 | 72,00 | 1828,8 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 720-L-...** |
| | 194 | 72,75 | 1847,85 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 728-L-...** |
| | 195 | 73,13 | 1857,38 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 731-L-...** |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

## SKF Classical Timing Belts

L | H

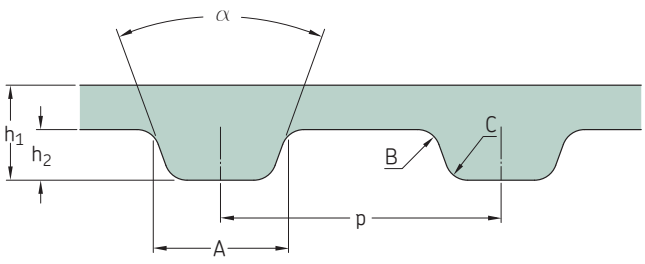



| Section | Number of teeth | Dimensions Pitch length | | | | | | | | | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $h_1$ | $h_2$ | A | B | p | C | α | |
| – | – | in. | mm | | | | | | | ° | – |
| L | 204 | 76,50 | 1943,1 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 765-L-...** |
| | 218 | 81,75 | 2076,45 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 817-L-...** |
| | 224 | 84,00 | 2133,6 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 840-L-...** |
| | 228 | 85,50 | 2171,7 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 855-L-...** |
| | 230 | 86,25 | 2190,75 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 863-L-...** |
| | 232 | 87,00 | 2209,8 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 870-L-...** |
| | 235 | 88,13 | 2238,38 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 881-L-...** |
| | 240 | 90,00 | 2286 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 900-L-...** |
| | 244 | 91,50 | 2324,1 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 915-L-...** |
| | 249 | 93,38 | 2371,73 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 934-L-...** |
| | 261 | 98,00 | 2489,2 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 980-L-...** |
| | 274 | 102,75 | 2609,85 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1028-L-...** |
| | 306 | 114,75 | 2914,65 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1148-L-...** |
| | 318 | 119,25 | 3028,95 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1192-L-...** |
| | 375 | 140,63 | 3571,88 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1406-L-...** |
| | 378 | 141,75 | 3600,45 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1418-L-...** |
| | 447 | 167,63 | 4257,68 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1675-L-...** |
| | 530 | 198,75 | 5048,25 | 3,60 | 1,91 | 4,65 | 0,51 | 9,525 | 0,51 | 40 | **PHG 1998-L-...** |
| H | 29 | 14,50 | 368,3 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 145-H-...** |
| | 37 | 18,50 | 469,9 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 185-H-...** |
| | 40 | 20,00 | 508 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 200-H-...** |
| | 41 | 20,50 | 520,7 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 205-H-...** |
| | 42 | 21,00 | 533,4 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 210-H-...** |
| | 44 | 22,00 | 558,8 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 220-H-...** |
| | 45 | 22,50 | 571,5 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 225-H-...** |
| | 46 | 23,00 | 584,2 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 230-H-...** |
| | 48 | 24,00 | 609,6 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 240-H-...** |
| | 49 | 24,50 | 622,3 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 245-H-...** |
| | 50 | 25,00 | 635 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 250-H-...** |
| | 51 | 25,50 | 647,7 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 255-H-...** |
| | 52 | 26,00 | 660,4 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 260-H-...** |
| | 54 | 27,00 | 685,8 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 270-H-...** |
| | 56 | 28,00 | 711,2 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 280-H-...** |
| | 57 | 28,50 | 723,9 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 285-H-...** |
| | 58 | 29,00 | 736,6 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 290-H-...** |
| | 60 | 30,00 | 762 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 300-H-...** |
| | 62 | 31,00 | 787,4 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 310-H-...** |
| | 63 | 31,50 | 800,1 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 315-H-...** |
| | 64 | 32,00 | 812,8 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 320-H-...** |
| | 65 | 32,50 | 825,5 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 325-H-...** |
| | 66 | 33,00 | 838,2 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 330-H-...** |
| | 67 | 33,50 | 850,9 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 335-H-...** |
| | 68 | 34,00 | 863,6 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 340-H-...** |
| | 69 | 34,50 | 876,3 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 345-H-...** |
| | 70 | 35,00 | 889 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 350-H-...** |
| | 71 | 35,50 | 901,7 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 355-H-...** |
| | 72 | 36,00 | 914,4 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 360-H-...** |
| | 73 | 36,50 | 927,1 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 365-H-...** |
| | 74 | 37,00 | 939,8 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 370-H-...** |
| | 75 | 37,50 | 952,5 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 375-H-...** |
| | 76 | 38,00 | 965,2 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 380-H-...** |
| | 78 | 39,00 | 990,6 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 390-H-...** |
| | 79 | 39,50 | 1 003,30 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 395-H-...** |
| | 80 | 40,00 | 1 016,00 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 400-H-...** |
| | 81 | 40,50 | 1 028,70 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 405-H-...** |
| | 82 | 41,00 | 1 041,40 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 410-H-...** |
| | 84 | 42,00 | 1 066,80 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 420-H-...** |
| | 85 | 42,50 | 1 079,50 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 425-H-...** |
| | 86 | 43,00 | 1 092,20 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | **PHG 430-H-...** |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

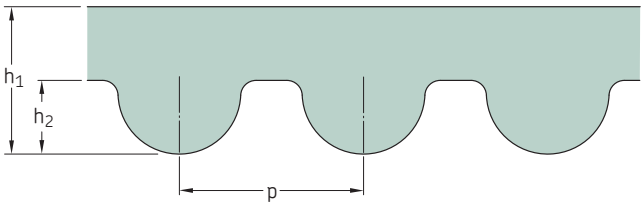
## SKF Classical Timing Belts

H




| Section | Number of teeth | Dimensions Pitch length | | | | | | | | | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $h_1$ | $h_2$ | A | B | p | C | α | |
| – | – | in. | mm | | | | | | | ° | – |
| H | 89 | 44,50 | 1 130,30 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 445-H-... |
| | 90 | 45,00 | 1 143,00 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 450-H-... |
| | 91 | 45,50 | 1 155,70 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 455-H-... |
| | 92 | 46,00 | 1 168,40 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 460-H-... |
| | 93 | 46,50 | 1 181,10 | 4,30 | 2,29 | 6,12 | 1,02 | 12,00 | 1,02 | 40 | PHG 465-H-... |
| | 96 | 48,00 | 1 219,20 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 480-H-... |
| | 97 | 48,50 | 1 231,90 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 485-H-... |
| | 98 | 49,00 | 1 244,60 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 490-H-... |
| | 100 | 50,00 | 1 270,00 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 500-H-... |
| | 102 | 51,00 | 1 295,40 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 510-H-... |
| | 103 | 51,50 | 1 308,10 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 515-H-... |
| | 104 | 52,00 | 1 320,80 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 520-H-... |
| | 105 | 52,50 | 1 333,50 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 525-H-... |
| | 106 | 53,00 | 1 346,20 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 530-H-... |
| | 107 | 53,50 | 1 358,90 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 535-H-... |
| | 108 | 54,00 | 1 371,60 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 540-H-... |
| | 110 | 55,00 | 1 397,00 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 550-H-... |
| | 111 | 55,50 | 1 409,70 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 555-H-... |
| | 112 | 56,00 | 1 422,40 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 560-H-... |
| | 113 | 56,50 | 1 435,10 | 4,30 | 2,29 | 6,12 | 1,02 | 12,70 | 1,02 | 40 | PHG 565-H-... |
| | 114 | 57 | 1 447,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 570-H-... |
| | 116 | 58 | 1 473,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 580-H-... |
| | 117 | 58,5 | 1 485,9 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 585-H-... |
| | 118 | 59 | 1 498,6 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 590-H-... |
| | 120 | 60 | 1 524 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 600-H-... |
| | 121 | 60,5 | 1 536,7 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 605-H-... |
| | 122 | 61 | 1 549,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 610-H-... |
| | 125 | 62,5 | 1 587,5 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 625-H-... |
| | 126 | 63 | 1 600,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 630-H-... |
| | 128 | 64 | 1 625,6 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 640-H-... |
| | 130 | 65 | 1 651 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 650-H-... |
| | 132 | 66 | 1 676,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 660-H-... |
| | 134 | 67 | 1 701,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 670-H-... |
| | 136 | 68 | 1 727,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 680-H-... |
| | 138 | 69 | 1 752,6 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 690-H-... |
| | 139 | 69,5 | 1 765,3 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 695-H-... |
| | 140 | 70 | 1 778 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 700-H-... |
| | 142 | 71 | 1 803,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 710-H-... |
| | 144 | 72 | 1 828,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 720-H-... |
| | 145 | 72,5 | 1 841,5 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 725-H-... |
| | 146 | 73 | 1 854,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 730-H-... |
| | 148 | 74 | 1 879,6 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 740-H-... |
| | 150 | 75 | 1 905 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 750-H-... |
| | 154 | 77 | 1 955,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 770-H-... |
| | 155 | 77,5 | 1 968,5 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 775-H-... |
| | 157 | 78,5 | 1 993,9 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 785-H-... |
| | 160 | 80 | 2 032 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 800-H-... |
| | 162 | 81 | 2 057,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 810-H-... |
| | 164 | 82 | 2 082,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 820-H-... |
| | 166 | 83 | 2 108,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 830-H-... |
| | 168 | 84 | 2 133,6 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 840-H-... |
| | 170 | 85 | 2 159 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 850-H-... |
| | 172 | 86 | 2 184,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 860-H-... |
| | 176 | 88 | 2 235,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 880-H-... |
| | 179 | 89,5 | 2 273,3 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 895-H-... |
| | 180 | 90 | 2 286 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 900-H-... |
| | 184 | 92 | 2 336,8 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 920-H-... |
| | 186 | 93 | 2 362,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 930-H-... |
| | 190 | 95 | 2 413 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 950-H-... |
| | 192 | 96 | 2 438,4 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 960-H-... |
| | 196 | 98 | 2 489,2 | 4,3 | 2,29 | 6,12 | 1,02 | 12,7 | 1,02 | 40 | PHG 980-H-.. |

Non-standard lengths may also be available.
To complete designation, add three digits for belt width in 1/100th of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



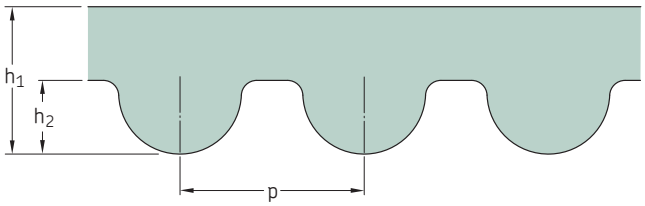

| Section | Number of teeth per side | Dimensions Pitch length | $h_1$ | $h_2$ | p | Designation |
|---|---|---|---|---|---|---|
| – | – | mm | | | | – |
| 5M | 40 | 200 | 3,6 | 2,10 | 5,0 | PHG 200-5M-... |
| | 42 | 210 | 3,6 | 2,10 | 5,0 | PHG 210-5M-... |
| | 43 | 215 | 3,6 | 2,10 | 5,0 | PHG 215-5M-... |
| | 45 | 225 | 3,6 | 2,10 | 5,0 | PHG 225-5M-... |
| | 46 | 230 | 3,6 | 2,10 | 5,0 | PHG 230-5M-... |
| | 47 | 235 | 3,6 | 2,10 | 5,0 | PHG 235-5M-... |
| | 49 | 245 | 3,6 | 2,10 | 5,0 | PHG 245-5M-... |
| | 50 | 250 | 3,6 | 2,10 | 5,0 | PHG 250-5M-... |
| | 51 | 255 | 3,6 | 2,10 | 5,0 | PHG 255-5M-... |
| | 52 | 260 | 3,6 | 2,10 | 5,0 | PHG 260-5M-... |
| | 53 | 265 | 3,6 | 2,10 | 5,0 | PHG 265-5M-... |
| | 54 | 270 | 3,6 | 2,10 | 5,0 | PHG 270-5M-... |
| | 56 | 280 | 3,6 | 2,10 | 5,0 | PHG 280-5M-... |
| | 57 | 285 | 3,6 | 2,10 | 5,0 | PHG 285-5M-... |
| | 59 | 295 | 3,6 | 2,10 | 5,0 | PHG 295-5M-... |
| | 60 | 300 | 3,6 | 2,10 | 5,0 | PHG 300-5M-... |
| | 61 | 305 | 3,6 | 2,10 | 5,0 | PHG 305-5M-... |
| | 62 | 310 | 3,6 | 2,10 | 5,0 | PHG 310-5M-... |
| | 64 | 320 | 3,6 | 2,10 | 5,0 | PHG 320-5M-... |
| | 65 | 325 | 3,6 | 2,10 | 5,0 | PHG 325-5M-... |
| | 66 | 330 | 3,6 | 2,10 | 5,0 | PHG 330-5M-... |
| | 68 | 340 | 3,6 | 2,10 | 5,0 | PHG 340-5M-... |
| | 69 | 345 | 3,6 | 2,10 | 5,0 | PHG 345-5M-... |
| | 70 | 350 | 3,6 | 2,10 | 5,0 | PHG 350-5M-... |
| | 72 | 360 | 3,6 | 2,10 | 5,0 | PHG 360-5M-... |
| | 73 | 365 | 3,6 | 2,10 | 5,0 | PHG 365-5M-... |
| | 74 | 370 | 3,6 | 2,10 | 5,0 | PHG 370-5M-... |
| | 75 | 375 | 3,6 | 2,10 | 5,0 | PHG 375-5M-... |
| | 76 | 380 | 3,6 | 2,10 | 5,0 | PHG 380-5M-... |
| | 77 | 385 | 3,6 | 2,10 | 5,0 | PHG 385-5M-... |
| | 78 | 390 | 3,6 | 2,10 | 5,0 | PHG 390-5M-... |
| | 79 | 395 | 3,6 | 2,10 | 5,0 | PHG 395-5M-... |
| | 80 | 400 | 3,6 | 2,10 | 5,0 | PHG 400-5M-... |
| | 80 | 400 | 3,6 | 2,10 | 5,0 | PHG 405-5M-... |
| | 82 | 410 | 3,6 | 2,10 | 5,0 | PHG 410-5M-... |
| | 84 | 420 | 3,6 | 2,10 | 5,0 | PHG 420-5M-... |
| | 85 | 425 | 3,6 | 2,10 | 5,0 | PHG 425-5M-... |
| | 86 | 430 | 3,6 | 2,10 | 5,0 | PHG 430-5M-... |
| | 87 | 435 | 3,6 | 2,10 | 5,0 | PHG 435-5M-... |
| | 88 | 440 | 3,6 | 2,10 | 5,0 | PHG 440-5M-... |
| | 89 | 445 | 3,6 | 2,10 | 5,0 | PHG 445-5M-... |
| | 90 | 450 | 3,6 | 2,10 | 5,0 | PHG 450-5M-... |
| | 92 | 460 | 3,6 | 2,10 | 5,0 | PHG 460-5M-... |
| | 93 | 465 | 3,6 | 2,10 | 5,0 | PHG 465-5M-... |
| | 94 | 470 | 3,6 | 2,10 | 5,0 | PHG 470-5M-... |
| | 95 | 475 | 3,6 | 2,10 | 5,0 | PHG 475-5M-... |
| | 96 | 480 | 3,6 | 2,10 | 5,0 | PHG 480-5M-... |
| | 98 | 490 | 3,6 | 2,10 | 5,0 | PHG 490-5M-... |
| | 100 | 500 | 3,6 | 2,10 | 5,0 | PHG 500-5M-... |
| | 101 | 505 | 3,6 | 2,10 | 5,0 | PHG 505-5M-... |
| | 102 | 510 | 3,6 | 2,10 | 5,0 | PHG 510-5M-... |
| | 104 | 520 | 3,6 | 2,10 | 5,0 | PHG 520-5M-... |
| | 105 | 525 | 3,6 | 2,10 | 5,0 | PHG 525-5M-... |
| | 106 | 530 | 3,6 | 2,10 | 5,0 | PHG 530-5M-... |
| | 107 | 535 | 3,6 | 2,10 | 5,0 | PHG 535-5M-... |
| | 108 | 540 | 3,6 | 2,10 | 5,0 | PHG 540-5M-... |
| | 110 | 550 | 3,6 | 2,10 | 5,0 | PHG 550-5M-... |
| | 112 | 560 | 3,6 | 2,10 | 5,0 | PHG 560-5M-... |
| | 113 | 565 | 3,6 | 2,10 | 5,0 | PHG 565-5M-... |
| | 114 | 570 | 3,6 | 2,10 | 5,0 | PHG 570-5M-... |

| Section | Number of teeth per side | Dimensions Pitch length | $h_1$ | $h_2$ | p | Designation |
|---|---|---|---|---|---|---|
| – | – | mm | | | | – |
| 5M | 115 | 575 | 3,6 | 2,10 | 5,0 | PHG 575-5M-... |
| | 116 | 580 | 3,6 | 2,10 | 5,0 | PHG 580-5M-... |
| | 117 | 585 | 3,6 | 2,10 | 5,0 | PHG 585-5M-... |
| | 118 | 590 | 3,6 | 2,10 | 5,0 | PHG 590-5M-... |
| | 120 | 600 | 3,6 | 2,10 | 5,0 | PHG 600-5M-... |
| | 121 | 605 | 3,6 | 2,10 | 5,0 | PHG 605-5M-... |
| | 122 | 610 | 3,6 | 2,10 | 5,0 | PHG 610-5M-... |
| | 123 | 615 | 3,6 | 2,10 | 5,0 | PHG 615-5M-... |
| | 124 | 620 | 3,6 | 2,10 | 5,0 | PHG 620-5M-... |
| | 125 | 625 | 3,6 | 2,10 | 5,0 | PHG 625-5M-... |
| | 126 | 630 | 3,6 | 2,10 | 5,0 | PHG 630-5M-... |
| | 127 | 635 | 3,6 | 2,10 | 5,0 | PHG 635-5M-... |
| | 128 | 640 | 3,6 | 2,10 | 5,0 | PHG 640-5M-... |
| | 129 | 645 | 3,6 | 2,10 | 5,0 | PHG 645-5M-... |
| | 130 | 650 | 3,6 | 2,10 | 5,0 | PHG 650-5M-... |
| | 131 | 655 | 3,6 | 2,10 | 5,0 | PHG 655-5M-... |
| | 133 | 665 | 3,6 | 2,10 | 5,0 | PHG 665-5M-... |
| | 134 | 670 | 3,6 | 2,10 | 5,0 | PHG 670-5M-... |
| | 135 | 675 | 3,6 | 2,10 | 5,0 | PHG 675-5M-... |
| | 137 | 685 | 3,6 | 2,10 | 5,0 | PHG 685-5M-... |
| | 138 | 690 | 3,6 | 2,10 | 5,0 | PHG 690-5M-... |
| | 139 | 695 | 3,6 | 2,10 | 5,0 | PHG 695-5M-... |
| | 140 | 700 | 3,6 | 2,10 | 5,0 | PHG 700-5M-... |
| | 142 | 710 | 3,6 | 2,10 | 5,0 | PHG 710-5M-... |
| | 142 | 710 | 3,6 | 2,10 | 5,0 | PHG 715-5M-... |
| | 144 | 720 | 3,6 | 2,10 | 5,0 | PHG 720-5M-... |
| | 145 | 725 | 3,6 | 2,10 | 5,0 | PHG 725-5M-... |
| | 148 | 740 | 3,6 | 2,10 | 5,0 | PHG 740-5M-... |
| | 149 | 745 | 3,6 | 2,10 | 5,0 | PHG 745-5M-... |
| | 150 | 750 | 3,6 | 2,10 | 5,0 | PHG 750-5M-... |
| | 151 | 755 | 3,6 | 2,10 | 5,0 | PHG 755-5M-... |
| | 154 | 770 | 3,6 | 2,10 | 5,0 | PHG 770-5M-... |
| | 155 | 775 | 3,6 | 2,10 | 5,0 | PHG 775-5M-... |
| | 156 | 780 | 3,6 | 2,10 | 5,0 | PHG 780-5M-... |
| | 158 | 790 | 3,6 | 2,10 | 5,0 | PHG 790-5M-... |
| | 160 | 800 | 3,6 | 2,10 | 5,0 | PHG 800-5M-... |
| | 162 | 810 | 3,6 | 2,10 | 5,0 | PHG 810-5M-... |
| | 165 | 825 | 3,6 | 2,10 | 5,0 | PHG 825-5M-... |
| | 166 | 830 | 3,6 | 2,10 | 5,0 | PHG 830-5M-... |
| | 167 | 835 | 3,6 | 2,10 | 5,0 | PHG 835-5M-... |
| | 170 | 850 | 3,6 | 2,10 | 5,0 | PHG 850-5M-... |
| | 172 | 860 | 3,6 | 2,10 | 5,0 | PHG 860-5M-... |
| | 174 | 870 | 3,6 | 2,10 | 5,0 | PHG 870-5M-... |
| | 178 | 890 | 3,6 | 2,10 | 5,0 | PHG 890-5M-... |
| | 180 | 900 | 3,6 | 2,10 | 5,0 | PHG 900-5M-... |
| | 182 | 910 | 3,6 | 2,10 | 5,0 | PHG 910-5M-... |
| | 184 | 920 | 3,6 | 2,10 | 5,0 | PHG 920-5M-... |
| | 185 | 925 | 3,6 | 2,10 | 5,0 | PHG 925-5M-... |
| | 187 | 935 | 3,6 | 2,10 | 5,0 | PHG 935-5M-... |
| | 188 | 940 | 3,6 | 2,10 | 5,0 | PHG 940-5M-... |
| | 190 | 950 | 3,6 | 2,10 | 5,0 | PHG 950-5M-... |
| | 192 | 960 | 3,6 | 2,10 | 5,0 | PHG 960-5M-... |
| | 193 | 965 | 3,6 | 2,10 | 5,0 | PHG 965-5M-... |
| | 195 | 975 | 3,6 | 2,10 | 5,0 | PHG 975-5M-... |
| | 196 | 980 | 3,6 | 2,10 | 5,0 | PHG 980-5M-... |
| | 200 | 1 000 | 3,6 | 2,10 | 5,0 | PHG 1000-5M-... |
| | 205 | 1 025 | 3,6 | 2,10 | 5,0 | PHG 1025-5M-... |
| | 207 | 1 035 | 3,6 | 2,10 | 5,0 | PHG 1035-5M-... |
| | 210 | 1 050 | 3,6 | 2,10 | 5,0 | PHG 1050-5M-... |
| | 220 | 1 100 | 3,6 | 2,10 | 5,0 | PHG 1100-5M-... |

Non-standard lengths may also be available.
To complete designation, add belt width in mm.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

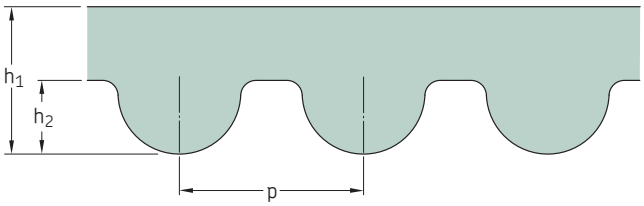
## SKF HiTD Belts

5M | 8M




| Section | Number of teeth per side | Dimensions Pitch length | $h_1$ | $h_2$ | p | Designation |
|---|---|---|---|---|---|---|
| – | – | mm | | | | – |
| **5M** | 223 | 1 115 | 3,6 | 2,10 | 5,0 | **PHG 1115-5M-...** |
| | 225 | 1 125 | 3,6 | 2,10 | 5,0 | **PHG 1125-5M-...** |
| | 227 | 1 135 | 3,6 | 2,10 | 5,0 | **PHG 1135-5M-...** |
| | 229 | 1 145 | 3,6 | 2,10 | 5,0 | **PHG 1145-5M-...** |
| | 235 | 1 175 | 3,6 | 2,10 | 5,0 | **PHG 1175-5M-...** |
| | 236 | 1 180 | 3,6 | 2,10 | 5,0 | **PHG 1180-5M-...** |
| | 239 | 1 195 | 3,6 | 2,10 | 5,0 | **PHG 1195-5M-...** |
| | 240 | 1 200 | 3,6 | 2,10 | 5,0 | **PHG 1200-5M-...** |
| | 242 | 1 210 | 3,6 | 2,10 | 5,0 | **PHG 1210-5M-...** |
| | 245 | 1 225 | 3,6 | 2,10 | 5,0 | **PHG 1225-5M-...** |
| | 250 | 1 250 | 3,6 | 2,10 | 5,0 | **PHG 1250-5M-...** |
| | 254 | 1 270 | 3,6 | 2,10 | 5,0 | **PHG 1270-5M-...** |
| | 258 | 1 290 | 3,6 | 2,10 | 5,0 | **PHG 1290-5M-...** |
| | 259 | 1 295 | 3,6 | 2,10 | 5,0 | **PHG 1295-5M-...** |
| | 260 | 1 300 | 3,6 | 2,10 | 5,0 | **PHG 1300-5M-...** |
| | 268 | 1 340 | 3,6 | 2,10 | 5,0 | **PHG 1340-5M-...** |
| | 270 | 1 350 | 3,6 | 2,10 | 5,0 | **PHG 1350-5M-...** |
| | 275 | 1 375 | 3,6 | 2,10 | 5,0 | **PHG 1375-5M-...** |
| | 280 | 1 400 | 3,6 | 2,10 | 5,0 | **PHG 1400-5M-...** |
| | 282 | 1 410 | 3,6 | 2,10 | 5,0 | **PHG 1410-5M-...** |
| | 284 | 1 420 | 3,6 | 2,10 | 5,0 | **PHG 1420-5M-...** |
| | 290 | 1 450 | 3,6 | 2,10 | 5,0 | **PHG 1450-5M-...** |
| | 291 | 1 455 | 3,6 | 2,10 | 5,0 | **PHG 1455-5M-...** |
| | 300 | 1 500 | 3,6 | 2,10 | 5,0 | **PHG 1500-5M-...** |
| | 319 | 1 595 | 3,6 | 2,10 | 5,0 | **PHG 1595-5M-...** |
| | 320 | 1 600 | 3,6 | 2,10 | 5,0 | **PHG 1600-5M-...** |
| | 337 | 1 685 | 3,6 | 2,10 | 5,0 | **PHG 1685-5M-...** |
| | 338 | 1 690 | 3,6 | 2,10 | 5,0 | **PHG 1690-5M-...** |
| | 340 | 1 700 | 3,6 | 2,10 | 5,0 | **PHG 1700-5M-...** |
| | 346 | 1 730 | 3,6 | 2,10 | 5,0 | **PHG 1730-5M-...** |
| | 354 | 1 770 | 3,6 | 2,10 | 5,0 | **PHG 1770-5M-...** |
| | 358 | 1 790 | 3,6 | 2,10 | 5,0 | **PHG 1790-5M-...** |
| | 360 | 1 800 | 3,6 | 2,10 | 5,0 | **PHG 1800-5M-...** |
| | 374 | 1 870 | 3,6 | 2,10 | 5,0 | **PHG 1870-5M-...** |
| | 379 | 1 895 | 3,6 | 2,10 | 5,0 | **PHG 1895-5M-...** |
| | 389 | 1 945 | 3,6 | 2,10 | 5,0 | **PHG 1945-5M-...** |
| | 400 | 2 000 | 3,6 | 2,10 | 5,0 | **PHG 2000-5M-...** |
| | 410 | 2 050 | 3,6 | 2,10 | 5,0 | **PHG 2050-5M-...** |
| | 420 | 2 100 | 3,6 | 2,10 | 5,0 | **PHG 2100-5M-...** |
| | 432 | 2 160 | 3,6 | 2,10 | 5,0 | **PHG 2160-5M-...** |
| | 450 | 2 250 | 3,6 | 2,10 | 5,0 | **PHG 2250-5M-...** |
| | 470 | 2 350 | 3,6 | 2,10 | 5,0 | **PHG 2350-5M-...** |
| | 474 | 2 370 | 3,6 | 2,10 | 5,0 | **PHG 2370-5M-...** |
| | 492 | 2 460 | 3,6 | 2,10 | 5,0 | **PHG 2460-5M-...** |
| | 505 | 2 525 | 3,6 | 2,10 | 5,0 | **PHG 2525-5M-...** |
| | 527 | 2 635 | 3,6 | 2,10 | 5,0 | **PHG 2635-5M-...** |
| | 605 | 3 025 | 3,6 | 2,10 | 5,0 | **PHG 3025-5M-...** |
| | 612 | 3 060 | 3,6 | 2,10 | 5,0 | **PHG 3060-5M-...** |
| | 651 | 3 255 | 3,6 | 2,10 | 5,0 | **PHG 3255-5M-...** |
| | 686 | 3 430 | 3,6 | 2,10 | 5,0 | **PHG 3430-5M-...** |
| | 732 | 3 660 | 3,6 | 2,10 | 5,0 | **PHG 3660-5M-...** |
| | 750 | 3 750 | 3,6 | 2,10 | 5,0 | **PHG 3750-5M-...** |
| | 754 | 3 770 | 3,6 | 2,10 | 5,0 | **PHG 3770-5M-...** |
| | 760 | 3 800 | 3,6 | 2,10 | 5,0 | **PHG 3800-5M-...** |
| | 852 | 4 260 | 3,6 | 2,10 | 5,0 | **PHG 4260-5M-...** |
| | 1 060 | 5 300 | 3,6 | 2,10 | 5,0 | **PHG 5300-5M-...** |
| | 1 400 | 7 000 | 3,6 | 2,10 | 5,0 | **PHG 7000-5M-...** |
| **8M** | 23 | 184 | 5,6 | 3,88 | 8,0 | **PHG 184-8M-...** |
| | 36 | 288 | 5,6 | 3,88 | 8,0 | **PHG 288-8M-...** |
| | 40 | 320 | 5,6 | 3,88 | 8,0 | **PHG 320-8M-...** |
| | 41 | 328 | 5,6 | 3,88 | 8,0 | **PHG 328-8M-...** |
| | 42 | 336 | 5,6 | 3,88 | 8,0 | **PHG 336-8M-...** |
| | 46 | 368 | 5,6 | 3,88 | 8,0 | **PHG 368-8M-...** |
| | 47 | 376 | 5,6 | 3,88 | 8,0 | **PHG 376-8M-...** |
| | 48 | 384 | 5,6 | 3,88 | 8,0 | **PHG 384-8M-...** |
| | 50 | 400 | 5,6 | 3,88 | 8,0 | **PHG 400-8M-...** |
| | 51 | 408 | 5,6 | 3,88 | 8,0 | **PHG 408-8M-...** |
| **8M** | 52 | 416 | 5,6 | 3,88 | 8,0 | **PHG 416-8M-...** |
| | 53 | 424 | 5,6 | 3,88 | 8,0 | **PHG 424-8M-...** |
| | 55 | 440 | 5,6 | 3,88 | 8,0 | **PHG 440-8M-...** |
| | 56 | 448 | 5,6 | 3,88 | 8,0 | **PHG 448-8M-...** |
| | 59 | 472 | 5,6 | 3,88 | 8,0 | **PHG 472-8M-...** |
| | 60 | 480 | 5,6 | 3,88 | 8,0 | **PHG 480-8M-...** |
| | 64 | 512 | 5,6 | 3,88 | 8,0 | **PHG 512-8M-...** |
| | 65 | 520 | 5,6 | 3,88 | 8,0 | **PHG 520-8M-...** |
| | 67 | 536 | 5,6 | 3,88 | 8,0 | **PHG 536-8M-...** |
| | 68 | 544 | 5,6 | 3,88 | 8,0 | **PHG 544-8M-...** |
| | 70 | 560 | 5,6 | 3,88 | 8,0 | **PHG 560-8M-...** |
| | 71 | 568 | 5,6 | 3,88 | 8,0 | **PHG 568-8M-...** |
| | 72 | 576 | 5,6 | 3,88 | 8,0 | **PHG 576-8M-...** |
| | 73 | 584 | 5,6 | 3,88 | 8,0 | **PHG 584-8M-...** |
| | 74 | 592 | 5,6 | 3,88 | 8,0 | **PHG 592-8M-...** |
| | 75 | 600 | 5,6 | 3,88 | 8,0 | **PHG 600-8M-...** |
| | 76 | 608 | 5,6 | 3,88 | 8,0 | **PHG 608-8M-...** |
| | 78 | 624 | 5,6 | 3,88 | 8,0 | **PHG 624-8M-...** |
| | 79 | 632 | 5,6 | 3,88 | 8,0 | **PHG 632-8M-...** |
| | 80 | 640 | 5,6 | 3,88 | 8,0 | **PHG 640-8M-...** |
| | 81 | 648 | 5,6 | 3,88 | 8,0 | **PHG 648-8M-...** |
| | 82 | 656 | 5,6 | 3,88 | 8,0 | **PHG 656-8M-...** |
| | 85 | 680 | 5,6 | 3,88 | 8,0 | **PHG 680-8M-...** |
| | 86 | 688 | 5,6 | 3,88 | 8,0 | **PHG 688-8M-...** |
| | 87 | 696 | 5,6 | 3,88 | 8,0 | **PHG 696-8M-...** |
| | 89 | 712 | 5,6 | 3,88 | 8,0 | **PHG 712-8M-...** |
| | 90 | 720 | 5,6 | 3,88 | 8,0 | **PHG 720-8M-...** |
| | 91 | 728 | 5,6 | 3,88 | 8,0 | **PHG 728-8M-...** |
| | 92 | 736 | 5,6 | 3,88 | 8,0 | **PHG 736-8M-...** |
| | 95 | 760 | 5,6 | 3,88 | 8,0 | **PHG 760-8M-...** |
| | 97 | 776 | 5,6 | 3,88 | 8,0 | **PHG 776-8M-...** |
| | 98 | 784 | 5,6 | 3,88 | 8,0 | **PHG 784-8M-...** |
| | 99 | 792 | 5,6 | 3,88 | 8,0 | **PHG 792-8M-...** |
| | 100 | 800 | 5,6 | 3,88 | 8,0 | **PHG 800-8M-...** |
| | 102 | 816 | 5,6 | 3,88 | 8,0 | **PHG 816-8M-...** |
| | 103 | 824 | 5,6 | 3,88 | 8,0 | **PHG 824-8M-...** |
| | 105 | 840 | 5,6 | 3,88 | 8,0 | **PHG 840-8M-...** |
| | 106 | 848 | 5,6 | 3,88 | 8,0 | **PHG 848-8M-...** |
| | 107 | 856 | 5,6 | 3,88 | 8,0 | **PHG 856-8M-...** |
| | 108 | 864 | 5,6 | 3,88 | 8,0 | **PHG 864-8M-...** |
| | 109 | 872 | 5,6 | 3,88 | 8,0 | **PHG 872-8M-...** |
| | 110 | 880 | 5,6 | 3,88 | 8,0 | **PHG 880-8M-...** |
| | 112 | 896 | 5,6 | 3,88 | 8,0 | **PHG 896-8M-...** |
| | 114 | 912 | 5,6 | 3,88 | 8,0 | **PHG 912-8M-...** |
| | 115 | 920 | 5,6 | 3,88 | 8,0 | **PHG 920-8M-...** |
| | 116 | 928 | 5,6 | 3,88 | 8,0 | **PHG 928-8M-...** |
| | 117 | 936 | 5,6 | 3,88 | 8,0 | **PHG 936-8M-...** |
| | 118 | 944 | 5,6 | 3,88 | 8,0 | **PHG 944-8M-...** |
| | 119 | 952 | 5,6 | 3,88 | 8,0 | **PHG 952-8M-...** |
| | 120 | 960 | 5,6 | 3,88 | 8,0 | **PHG 960-8M-...** |
| | 121 | 968 | 5,6 | 3,88 | 8,0 | **PHG 968-8M-...** |
| | 122 | 976 | 5,6 | 3,88 | 8,0 | **PHG 976-8M-...** |
| | 125 | 1 000 | 5,6 | 3,88 | 8,0 | **PHG 1000-8M-...** |
| | 127 | 1 016 | 5,6 | 3,88 | 8,0 | **PHG 1016-8M-...** |
| | 128 | 1 024 | 5,6 | 3,88 | 8,0 | **PHG 1024-8M-...** |

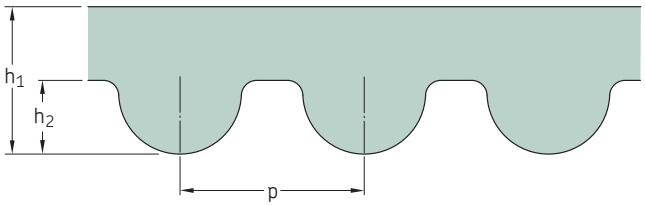
Non-standard lengths may also be available.
To complete designation, add belt width in mm.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.




| Section | Number of teeth per side | Dimensions Pitch length | $h_1$ | $h_2$ | p | Designation |
|---|---|---|---|---|---|---|
| – | – | mm | | | | – |
| **8M** | 130 | 1 040 | 5,6 | 3,88 | 8,0 | **PHG 1040-8M-...** |
| | 132 | 1 056 | 5,6 | 3,88 | 8,0 | **PHG 1056-8M-...** |
| | 133 | 1 064 | 5,6 | 3,88 | 8,0 | **PHG 1064-8M-...** |
| | 135 | 1 080 | 5,6 | 3,88 | 8,0 | **PHG 1080-8M-...** |
| | 138 | 1 104 | 5,6 | 3,88 | 8,0 | **PHG 1104-8M-...** |
| | 139 | 1 112 | 5,6 | 3,88 | 8,0 | **PHG 1112-8M-...** |
| | 140 | 1 120 | 5,6 | 3,88 | 8,0 | **PHG 1120-8M-...** |
| | 141 | 1 128 | 5,6 | 3,88 | 8,0 | **PHG 1128-8M-...** |
| | 142 | 1 136 | 5,6 | 3,88 | 8,0 | **PHG 1136-8M-...** |
| | 144 | 1 152 | 5,6 | 3,88 | 8,0 | **PHG 1152-8M-...** |
| | 145 | 1 160 | 5,6 | 3,88 | 8,0 | **PHG 1160-8M-...** |
| | 146 | 1 168 | 5,6 | 3,88 | 8,0 | **PHG 1168-8M-...** |
| | 148 | 1 184 | 5,6 | 3,88 | 8,0 | **PHG 1184-8M-...** |
| | 149 | 1 192 | 5,6 | 3,88 | 8,0 | **PHG 1192-8M-...** |
| | 150 | 1 200 | 5,6 | 3,88 | 8,0 | **PHG 1200-8M-...** |
| | 151 | 1 208 | 5,6 | 3,88 | 8,0 | **PHG 1208-8M-...** |
| | 152 | 1 216 | 5,6 | 3,88 | 8,0 | **PHG 1216-8M-...** |
| | 153 | 1 224 | 5,6 | 3,88 | 8,0 | **PHG 1224-8M-...** |
| | 155 | 1 240 | 5,6 | 3,88 | 8,0 | **PHG 1240-8M-...** |
| | 156 | 1 248 | 5,6 | 3,88 | 8,0 | **PHG 1248-8M-...** |
| | 157 | 1 256 | 5,6 | 3,88 | 8,0 | **PHG 1256-8M-...** |
| | 158 | 1 264 | 5,6 | 3,88 | 8,0 | **PHG 1264-8M-...** |
| | 159 | 1 272 | 5,6 | 3,88 | 8,0 | **PHG 1272-8M-...** |
| | 160 | 1 280 | 5,6 | 3,88 | 8,0 | **PHG 1280-8M-...** |
| | 163 | 1 304 | 5,6 | 3,88 | 8,0 | **PHG 1304-8M-...** |
| | 164 | 1 312 | 5,6 | 3,88 | 8,0 | **PHG 1312-8M-...** |
| | 165 | 1 320 | 5,6 | 3,88 | 8,0 | **PHG 1320-8M-...** |
| | 166 | 1 328 | 5,6 | 3,88 | 8,0 | **PHG 1328-8M-...** |
| | 168 | 1 344 | 5,6 | 3,88 | 8,0 | **PHG 1344-8M-...** |
| | 169 | 1 352 | 5,6 | 3,88 | 8,0 | **PHG 1352-8M-...** |
| | 170 | 1 360 | 5,6 | 3,88 | 8,0 | **PHG 1360-8M-...** |
| | 172 | 1 376 | 5,6 | 3,88 | 8,0 | **PHG 1376-8M-...** |
| | 174 | 1 392 | 5,6 | 3,88 | 8,0 | **PHG 1392-8M-...** |
| | 175 | 1 400 | 5,6 | 3,88 | 8,0 | **PHG 1400-8M-...** |
| | 177 | 1 416 | 5,6 | 3,88 | 8,0 | **PHG 1416-8M-...** |
| | 178 | 1 424 | 5,6 | 3,88 | 8,0 | **PHG 1424-8M-...** |
| | 179 | 1 432 | 5,6 | 3,88 | 8,0 | **PHG 1432-8M-...** |
| | 180 | 1 440 | 5,6 | 3,88 | 8,0 | **PHG 1440-8M-...** |
| | 182 | 1 456 | 5,6 | 3,88 | 8,0 | **PHG 1456-8M-...** |
| | 183 | 1 464 | 5,6 | 3,88 | 8,0 | **PHG 1464-8M-...** |
| | 185 | 1 480 | 5,6 | 3,88 | 8,0 | **PHG 1480-8M-...** |
| | 189 | 1 512 | 5,6 | 3,88 | 8,0 | **PHG 1512-8M-...** |
| | 190 | 1 520 | 5,6 | 3,88 | 8,0 | **PHG 1520-8M-...** |
| | 192 | 1 536 | 5,6 | 3,88 | 8,0 | **PHG 1536-8M-...** |
| | 194 | 1 552 | 5,6 | 3,88 | 8,0 | **PHG 1552-8M-...** |
| | 195 | 1 560 | 5,6 | 3,88 | 8,0 | **PHG 1560-8M-...** |
| | 197 | 1 576 | 5,6 | 3,88 | 8,0 | **PHG 1576-8M-...** |
| | 200 | 1 600 | 5,6 | 3,88 | 8,0 | **PHG 1600-8M-...** |
| | 205 | 1 640 | 5,6 | 3,88 | 8,0 | **PHG 1640-8M-...** |
| | 206 | 1 648 | 5,6 | 3,88 | 8,0 | **PHG 1648-8M-...** |
| | 210 | 1 680 | 5,6 | 3,88 | 8,0 | **PHG 1680-8M-...** |
| | 212 | 1 696 | 5,6 | 3,88 | 8,0 | **PHG 1696-8M-...** |
| | 216 | 1 728 | 5,6 | 3,88 | 8,0 | **PHG 1728-8M-...** |
| | 220 | 1 760 | 5,6 | 3,88 | 8,0 | **PHG 1760-8M-...** |
| | 223 | 1 784 | 5,6 | 3,88 | 8,0 | **PHG 1784-8M-...** |
| | 224 | 1 792 | 5,6 | 3,88 | 8,0 | **PHG 1792-8M-...** |
| | 225 | 1 800 | 5,6 | 3,88 | 8,0 | **PHG 1800-8M-...** |
| | 232 | 1 856 | 5,6 | 3,88 | 8,0 | **PHG 1856-8M-...** |
| | 237 | 1 896 | 5,6 | 3,88 | 8,0 | **PHG 1896-8M-...** |
| | 238 | 1 904 | 5,6 | 3,88 | 8,0 | **PHG 1904-8M-...** |
| **8M** | 240 | 1 920 | 5,6 | 3,88 | 8,0 | **PHG 1920-8M-...** |
| | 242 | 1 936 | 5,6 | 3,88 | 8,0 | **PHG 1936-8M-...** |
| | 244 | 1 952 | 5,6 | 3,88 | 8,0 | **PHG 1952-8M-...** |
| | 250 | 2 000 | 5,6 | 3,88 | 8,0 | **PHG 2000-8M-...** |
| | 260 | 2 080 | 5,6 | 3,88 | 8,0 | **PHG 2080-8M-...** |
| | 262 | 2 096 | 5,6 | 3,88 | 8,0 | **PHG 2096-8M-...** |
| | 263 | 2 104 | 5,6 | 3,88 | 8,0 | **PHG 2104-8M-...** |
| | 267 | 2 136 | 5,6 | 3,88 | 8,0 | **PHG 2136-8M-...** |
| | 270 | 2 160 | 5,6 | 3,88 | 8,0 | **PHG 2160-8M-...** |
| | 276 | 2 208 | 5,6 | 3,88 | 8,0 | **PHG 2208-8M-...** |
| | 280 | 2 240 | 5,6 | 3,88 | 8,0 | **PHG 2240-8M-...** |
| | 281 | 2 248 | 5,6 | 3,88 | 8,0 | **PHG 2248-8M-...** |
| | 288 | 2 304 | 5,6 | 3,88 | 8,0 | **PHG 2304-8M-...** |
| | 291 | 2 328 | 5,6 | 3,88 | 8,0 | **PHG 2328-8M-...** |
| | 299 | 2 392 | 5,6 | 3,88 | 8,0 | **PHG 2392-8M-...** |
| | 300 | 2 400 | 5,6 | 3,88 | 8,0 | **PHG 2400-8M-...** |
| | 313 | 2 504 | 5,6 | 3,88 | 8,0 | **PHG 2504-8M-...** |
| | 323 | 2 584 | 5,6 | 3,88 | 8,0 | **PHG 2584-8M-...** |
| | 325 | 2 600 | 5,6 | 3,88 | 8,0 | **PHG 2600-8M-...** |
| | 332 | 2 656 | 5,6 | 3,88 | 8,0 | **PHG 2656-8M-...** |
| | 342 | 2 736 | 5,6 | 3,88 | 8,0 | **PHG 2736-8M-...** |
| | 350 | 2 800 | 5,6 | 3,88 | 8,0 | **PHG 2800-8M-...** |
| | 381 | 3 048 | 5,6 | 3,88 | 8,0 | **PHG 3048-8M-...** |
| | 390 | 3 120 | 5,6 | 3,88 | 8,0 | **PHG 3120-8M-...** |
| | 396 | 3 168 | 5,6 | 3,88 | 8,0 | **PHG 3168-8M-...** |
| | 400 | 3 200 | 5,6 | 3,88 | 8,0 | **PHG 3200-8M-...** |
| | 410 | 3 280 | 5,6 | 3,88 | 8,0 | **PHG 3280-8M-...** |
| | 425 | 3 400 | 5,6 | 3,88 | 8,0 | **PHG 3400-8M-...** |
| | 450 | 3 600 | 5,6 | 3,88 | 8,0 | **PHG 3600-8M-...** |
| | 465 | 3 720 | 5,6 | 3,88 | 8,0 | **PHG 3720-8M-...** |
| | 478 | 3 824 | 5,6 | 3,88 | 8,0 | **PHG 3824-8M-...** |
| | 483 | 3 864 | 5,6 | 3,88 | 8,0 | **PHG 3864-8M-...** |
| | 500 | 4 000 | 5,6 | 3,88 | 8,0 | **PHG 4000-8M-...** |
| | 525 | 4 200 | 5,6 | 3,88 | 8,0 | **PHG 4200-8M-...** |
| | 550 | 4 400 | 5,6 | 3,88 | 8,0 | **PHG 4400-8M-...** |
| | 640 | 5 120 | 5,6 | 3,88 | 8,0 | **PHG 5120-8M-...** |
| | 700 | 5 600 | 5,6 | 3,88 | 8,0 | **PHG 5600-8M-...** |
| | 745 | 5 960 | 5,6 | 3,88 | 8,0 | **PHG 5960-8M-...** |
| | 825 | 6 600 | 5,6 | 3,88 | 8,0 | **PHG 6600-8M-...** |
| | 860 | 6 880 | 5,6 | 3,88 | 8,0 | **PHG 6880-8M-...** |
| **14M** | 67 | 938 | 10,0 | 6,10 | 14,0 | **PHG 938-14M-...** |
| | 69 | 966 | 10,0 | 6,10 | 14,0 | **PHG 966-14M-...** |
| | 74 | 1 036 | 10,0 | 6,10 | 14,0 | **PHG 1036-14M-...** |
| | 75 | 1 050 | 10,0 | 6,10 | 14,0 | **PHG 1050-14M-...** |
| | 76 | 1 064 | 10,0 | 6,10 | 14,0 | **PHG 1064-14M-...** |
| | 78 | 1 092 | 10,0 | 6,10 | 14,0 | **PHG 1092-14M-...** |
| | 80 | 1 120 | 10,0 | 6,10 | 14,0 | **PHG 1120-14M-...** |
| | 82 | 1 148 | 10,0 | 6,10 | 14,0 | **PHG 1148-14M-...** |
| | 85 | 1 190 | 10,0 | 6,10 | 14,0 | **PHG 1190-14M-...** |
| | 89 | 1 246 | 10,0 | 6,10 | 14,0 | **PHG 1246-14M-...** |
| | 90 | 1 260 | 10,0 | 6,10 | 14,0 | **PHG 1260-14M-...** |
| | 92 | 1 288 | 10,0 | 6,10 | 14,0 | **PHG 1288-14M-...** |
| | 94 | 1 316 | 10,0 | 6,10 | 14,0 | **PHG 1316-14M-...** |
| | 96 | 1 344 | 10,0 | 6,10 | 14,0 | **PHG 1344-14M-...** |
| | 100 | 1 400 | 10,0 | 6,10 | 14,0 | **PHG 1400-14M-...** |
| | 101 | 1 414 | 10,0 | 6,10 | 14,0 | **PHG 1414-14M-...** |
| | 103 | 1 442 | 10,0 | 6,10 | 14,0 | **PHG 1442-14M-...** |
| | 104 | 1 456 | 10,0 | 6,10 | 14,0 | **PHG 1456-14M-...** |
| | 105 | 1 470 | 10,0 | 6,10 | 14,0 | **PHG 1470-14M-...** |
| | 106 | 1 484 | 10,0 | 6,10 | 14,0 | **PHG 1484-14M-...** |

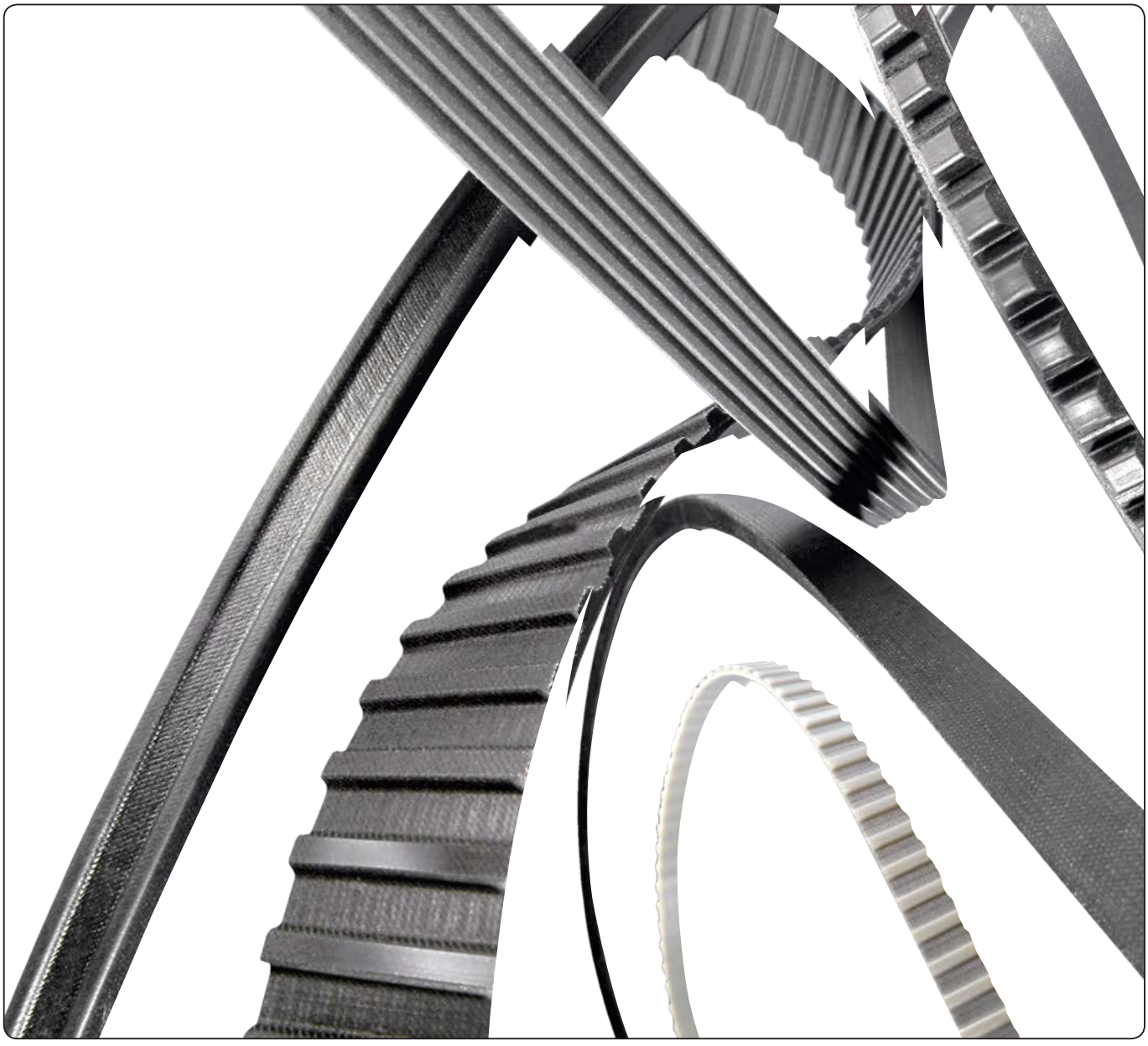
Non-standard lengths may also be available.
To complete designation, add belt width in mm.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.

## SKF HiTD Belts
14M




| Section | Number of teeth per side | Dimensions Pitch length | | | | Designation |
|---|---|---|---|---|---|---|
| | | | $h_1$ | $h_2$ | p | |
| – | – | mm | | | | – |
| **14M** | 108 | 1 512 | 10,0 | 6,10 | 14,0 | **PHG 1512-14M-...** |
| | 110 | 1 540 | 10,0 | 6,10 | 14,0 | **PHG 1540-14M-...** |
| | 112 | 1 568 | 10,0 | 6,10 | 14,0 | **PHG 1568-14M-...** |
| | 115 | 1 610 | 10,0 | 6,10 | 14,0 | **PHG 1610-14M-...** |
| | 118 | 1 652 | 10,0 | 6,10 | 14,0 | **PHG 1652-14M-...** |
| | 125 | 1 750 | 10,0 | 6,10 | 14,0 | **PHG 1750-14M-...** |
| | 126 | 1 764 | 10,0 | 6,10 | 14,0 | **PHG 1764-14M-...** |
| | 127 | 1 778 | 10,0 | 6,10 | 14,0 | **PHG 1778-14M-...** |
| | 128 | 1 792 | 10,0 | 6,10 | 14,0 | **PHG 1792-14M-...** |
| | 128 | 1 792 | 10,0 | 6,10 | 14,0 | **PHG 1792-14M-...** |
| | 129 | 1 806 | 10,0 | 6,10 | 14,0 | **PHG 1806-14M-...** |
| | 130 | 1 820 | 10,0 | 6,10 | 14,0 | **PHG 1820-14M-...** |
| | 135 | 1 890 | 10,0 | 6,10 | 14,0 | **PHG 1890-14M-...** |
| | 138 | 1 932 | 10,0 | 6,10 | 14,0 | **PHG 1932-14M-...** |
| | 139 | 1 946 | 10,0 | 6,10 | 14,0 | **PHG 1946-14M-...** |
| | 140 | 1 960 | 10,0 | 6,10 | 14,0 | **PHG 1960-14M-...** |
| | 143 | 2 002 | 10,0 | 6,10 | 14,0 | **PHG 2002-14M-...** |
| | 150 | 2 100 | 10,0 | 6,10 | 14,0 | **PHG 2100-14M-...** |
| | 160 | 2 240 | 10,0 | 6,10 | 14,0 | **PHG 2240-14M-...** |
| | 165 | 2 310 | 10,0 | 6,10 | 14,0 | **PHG 2310-14M-...** |
| | 175 | 2 450 | 10,0 | 6,10 | 14,0 | **PHG 2450-14M-...** |
| | 175 | 2 450 | 10,0 | 6,10 | 14,0 | **PHG 2450-14M-...** |
| | 185 | 2 590 | 10,0 | 6,10 | 14,0 | **PHG 2590-14M-...** |
| | 190 | 2 660 | 10,0 | 6,10 | 14,0 | **PHG 2660-14M-...** |
| | 200 | 2 800 | 10,0 | 6,10 | 14,0 | **PHG 2800-14M-...** |
| | 222 | 3 108 | 10,0 | 6,10 | 14,0 | **PHG 3108-14M-...** |
| | 225 | 3 150 | 10,0 | 6,10 | 14,0 | **PHG 3150-14M-...** |
| | 236 | 3 304 | 10,0 | 6,10 | 14,0 | **PHG 3304-14M-...** |
| | 240 | 3 360 | 10,0 | 6,10 | 14,0 | **PHG 3360-14M-...** |
| | 250 | 3 500 | 10,0 | 6,10 | 14,0 | **PHG 3500-14M-...** |
| | 262 | 3 668 | 10,0 | 6,10 | 14,0 | **PHG 3668-14M-...** |
| | 275 | 3 850 | 10,0 | 6,10 | 14,0 | **PHG 3850-14M-...** |
| | 309 | 4 326 | 10,0 | 6,10 | 14,0 | **PHG 4326-14M-...** |
| | 324 | 4 536 | 10,0 | 6,10 | 14,0 | **PHG 4536-14M-...** |
| | 327 | 4 578 | 10,0 | 6,10 | 14,0 | **PHG 4578-14M-...** |
| | 340 | 4 760 | 10,0 | 6,10 | 14,0 | **PHG 4760-14M-...** |
| | 354 | 4 956 | 10,0 | 6,10 | 14,0 | **PHG 4956-14M-...** |
| | 360 | 5 040 | 10,0 | 6,10 | 14,0 | **PHG 5040-14M-...** |
| | 380 | 5 320 | 10,0 | 6,10 | 14,0 | **PHG 5320-14M-...** |
| | 410 | 5 740 | 10,0 | 6,10 | 14,0 | **PHG 5740-14M-...** |
| | 424 | 5 936 | 10,0 | 6,10 | 14,0 | **PHG 5936-14M-...** |
| | 440 | 6 160 | 10,0 | 6,10 | 14,0 | **PHG 6160-14M-...** |
| | 490 | 6 860 | 10,0 | 6,10 | 14,0 | **PHG 6860-14M-...** |

Non-standard lengths may also be available.
To complete designation, add belt width in mm.
Full sleeves are available, in various widths. Please contact your SKF Authorized Distributor.



# 3.0 Additional information

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# Storage of power transmission belts

Proper storage of industrial and automotive belts like V-belts and timing belts is important for users and distributors as well as belt manufacturers.

Stored under proper conditions, good quality belts will retain their material properties and work well in the application. In general, they need to be stored in a cold and dry environment with no direct sunlight.

Other important conditions are :

- Use suitable containers, do not store directly on the floor.
- Avoid areas where evaporating solvents or other chemicals are present in the atmosphere.

## V-belts

V-belts are normally stored in two different ways, flat on the side on shelves or hanging on pegs mounted on the wall. Storing belts, flat on shelves, is the best way but requires more storage space.

If the second option is used, you need to make sure that the pegs are large enough to prevent the weight to cause deformation. Longer V-belts may be coiled in loops.

**Table 16** provides information regarding the recommended number of loops for each belt type and size.

## Banded belts

Similar to other belt types, banded belts are best stored flat on shelves. However, if they are stored on large pegs on the wall, precautions should be taken to avoid deformation.

Further, these belts are normally shipped in a "nested" configuration. It is recommended that the belts be stored in this manner as well. Nests are formed by laying a belt on its side on a flat surface and placing as many belts inside the first belt as possible without undue force.

When the nests are tight and stacked with each rotated 180° from the one below, they may be stacked without damage. Belts of this type over approximately 120 inches may be "rolled up" and tied for shipment. These rolls may be stacked for easy storage. Care should be taken to avoid a small bend radius which could damage the belts.

**Table 16**

**Maximum number of coilings of V-belts**

| Section | Belt length<br>76,2 | Number of coils<br>101,6 | Number of loops |
|---|---|---|---|
| – | mm | – | – |
| **Z, ZX, A, AX, B, BX, 3V, 3V-XP, 3VX, SPZ, SPZ-XP, SPA, SPA-XP** | < 1 500<br>1 500–3 000<br>3 000–4 500<br>> 4 500 | 0<br>1<br>2<br>3 | 1<br>3<br>5<br>7 |
| **C, CX, SPB, SPB-XP, XPB, 5V, 5V-XP, 5VX** | < 1 800<br>1 800–3 500<br>3 500–6 000<br>> 6 000 | 0<br>1<br>2<br>3 | 1<br>3<br>5<br>7 |
| **SPC, SPC-XP, XPC** | < 3 000<br>3 000–6 000<br>6 000–8 500<br>> 8 500 | 0<br>1<br>2<br>3 | 1<br>3<br>5<br>7 |
| **D, 8V, 8V-XP** | < 4 300<br>4 300–7 000<br>7 000–10 000<br>> 10 000 | 0<br>1<br>2<br>3 | 1<br>3<br>5<br>7 |

## Timing belts

Sharp bends and crimping as well as excess weight on the belts should be avoided.
For belts up to 3 000 mm length, SKF recommends storing them flat on shelves if possible in a "nested" configuration.

## Storing conditions

The belts, material properties, shape and quality should remain unchanged for 7 years if they are stored according to the recommendations above, together with the following limitations for temperature and humidity.

- Temperature should not be higher than 30 °C.
- Relative humidity should be below 70%.

Temperatures above 30 °C will reduce the expected shelf life according to the following guideline.

- Every increase of 8 °C will reduce the shelf life by half.

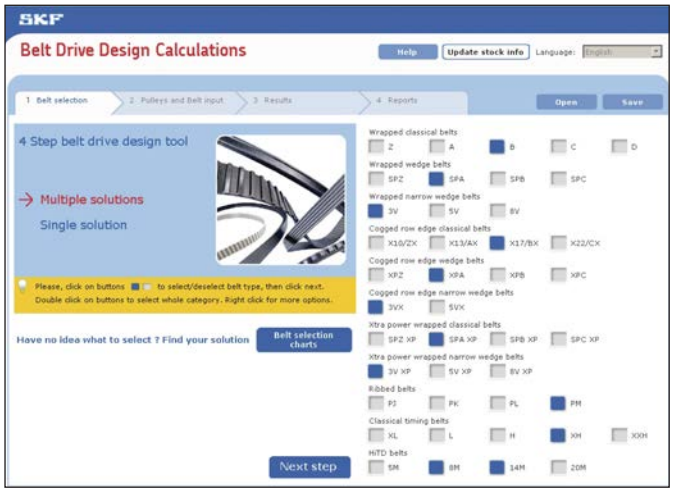
Storage temperatures above 46 °C are not allowed at all. An increase in humidity will not cause serious material damage but could lead to higher initial stretch of the belt on the drive.

# Design optimization

## Belt drive calculation program

Using your data, the program will select the most efficient and economical solution for your application. At the end of your calculation, you are able to print and save a complete report for your documentation. The calculation tool can be found at www.skfptp.com, under belt drives.

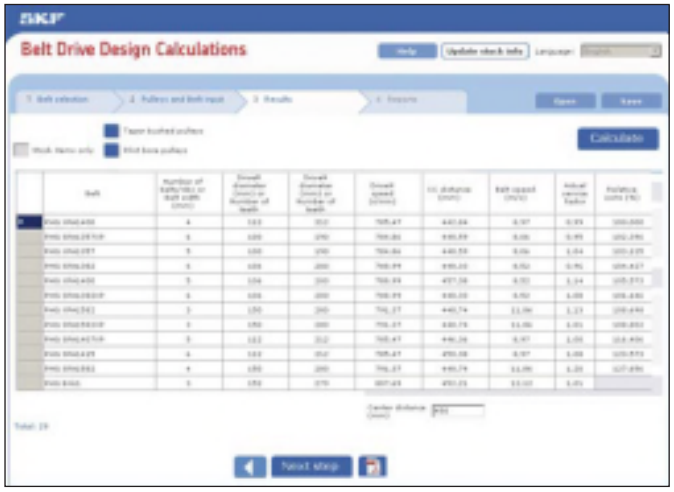




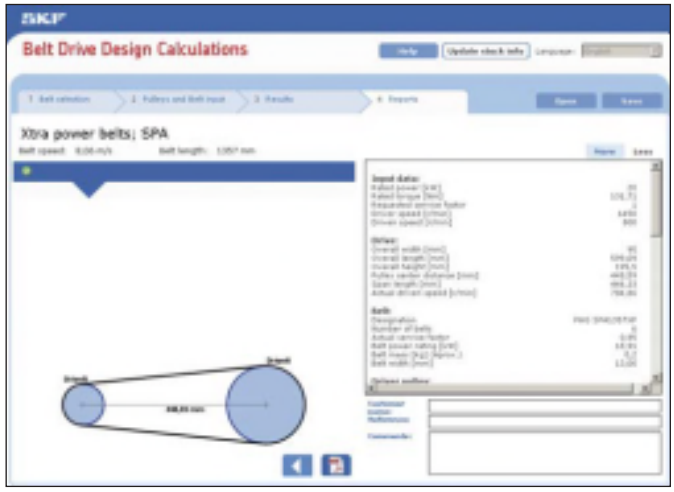

***Step 1. Choose multiple or single solution calculations to start the program. The calculation based on single solutions is mainly used to check existing belt drives. For multiple solutions, you can either select belts by yourself or the program will give you a list of possible belt types.***




***Step 2. Fill in basic application data, such as:***
- *Power and drive conditions*
- *Speeds and maximum pulley diameters*
- *Shaft diameters (if known)*
- *Centre distance*




***Based on your input, the system will provide a list of recommended solutions for your application.***




***The program will provide a full report about your selection that you can print and save as documentation.***



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