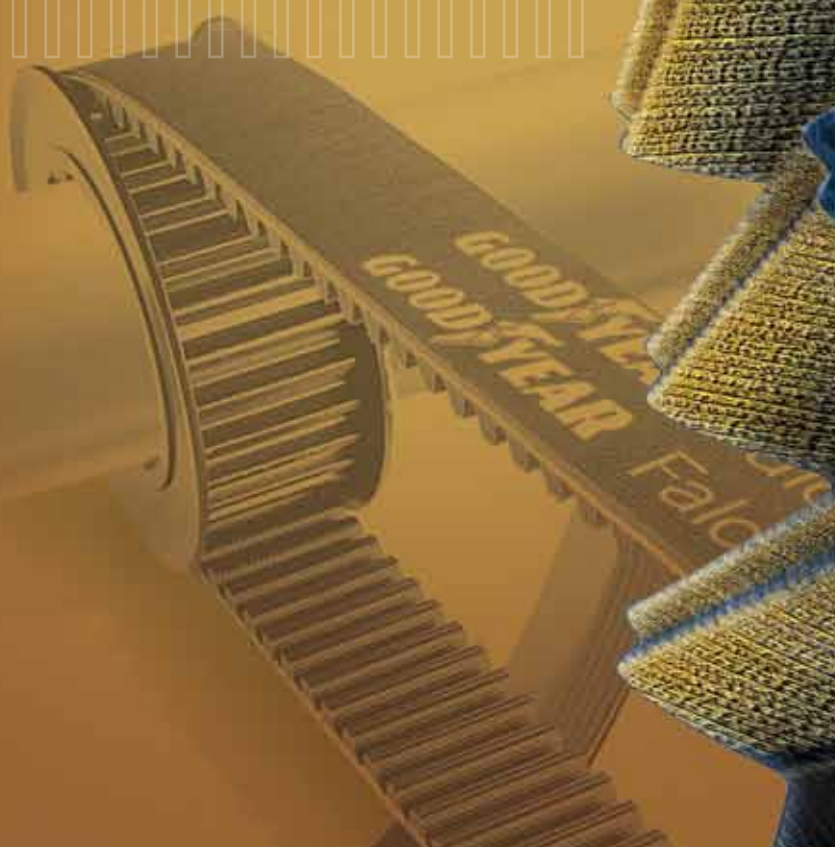




# Power Transmission Products

## Product Guide





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## INNOVATIVE PRODUCTS







Eagle NRG



Falcon HTC

Goodyear Engineered Products is committed to maintaining a position of industry leadership. We have an enviable history of product innovation and power transmission industry firsts, including:

-  Falcon HTC synchronous belts - voted 2009 Product of the Year by Plant Engineering magazine in USA are setting the new standard in synchronous belt drive systems.
-  Eagle NRG enhanced premium synchronous belts, with a patented H.O.T. (Helical Offset Tooth) design for reduced noise, reduced vibration, and increased efficiency, have increased horsepower and temperature ratings designed to perform.
-  The MaximizerPro™ Drive Selection Analysis software program for easy, accurate selection of the best drive components for your application.
-  Wedge TLP™ provides an advanced homogeneous construction, allowing unprecedented performance that requires virtually no maintenance.

Equally important, the research and development that produced these dramatic improvements is a continuing process. We continue to have a multitude of new innovations that are being developed at our Research and Development Centers in USA and Europe.

That means our Power Transmission Products will continue to meet the increasing demands for improved drive efficiency, long belt life and competitive costs.



## WE PROVIDE MUCH MORE THAN QUALITY PRODUCTS

Veyance Technologies is the exclusive manufacturer of Goodyear Engineered Products. Working with us, you will receive the high level of service and support that is critical to stay ahead in today's business environment. Our branded power transmission products are available through qualified distributors that are carefully selected and trained to provide much more than quality Goodyear Engineered Products. A complete selection of value-added services are available including cost reduction programs, sales and technical support, and inventory control programs.

## DISTRIBUTION YOU CAN COUNT ON

Goodyear Engineered Products authorized power transmission products distributors are committed to providing you the absolute best in products and service. They are thoroughly trained on Goodyear belting products and stand ready to meet all your power transmission needs.

These distributors are backed by a staff of Goodyear technically trained sales managers who are specially trained and qualified to conduct in-depth studies of your current operations. In addition, our distributors have access to powerful computer programs needed to optimize your current drive/belt applications.

Take comfort in the high level of service, delivery and technical expertise that only comes from a local source backed by a manufacturer with advanced worldwide research and production capabilities.

## COST REDUCTION PROGRAMS

We can provide you with the tools and services to reduce your operating costs associated with power transmission products. Through training and drive analysis software, we can show you how to eliminate problem drives that are bringing down your productivity.

## CUSTOMIZED TRAINING

Whenever you need it, wherever you want it, customized training is available for your associates. From maintenance and installation clinics to in-depth training on analyzing failed power transmission products, our distributors and technically trained sales managers can give you the guidance needed to choose, install and maintain your power transmission products.



## TECHNICAL ASSISTANCE

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We're proud to offer you the very finest "problem solvers" in the industry. Our distributors are factory-trained in the applications of the products we manufacture. Our professional design engineers are available for consultation at your site.

## CUSTOMER SATISFACTION

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Customer satisfaction is foremost in our guiding principles. It shows in our services. It shows in our products. Most importantly, it shows in the unparalleled customer quality rating our branded power transmission products has received from several key OEMs.

We've determined that the surest route to customer satisfaction is through a constant effort to improve. This commitment guarantees the quality of Goodyear Engineered Products, our services, deliveries and more - both now and in the years to come.

## ISO 9001 CERTIFIED GLOBAL SOURCING

---

With state-of-the-art manufacturing facilities around the world, we have the capability of meeting market demands by strategically sourcing product to fill the product supply pipeline. You can also count on the same quality product no matter where in the world it comes from.

ISO 9001 is one of the most widely accepted international standards for quality. Our belt manufacturing plants are all ISO 9001 certified.

## QUALITY SERVICE

---

Our pledge is a simple one: Quality service that you can always depend on. It is a commitment from us and our distributors to you.



With Veyance Technologies, you're much more than a customer. You are an integral piece to success. We pledge to support you with quality products, inventory, service, technical help, and more.

We are constantly looking for ways to help you save money on your existing processes, combining your expertise with our knowledge of power transmission products to make every operation as efficient as possible.

**Drive Change** is a program we promote to maximize efficiencies, reduce maintenance costs, and increase your productivity. We know that it only takes minor improvements in drive efficiency to improve your facility's efficiency. To pinpoint the improvements, we have developed easy-to-use software programs such as **MaximizerPro™**.

In many instances, **Drive Change** involves upgrading your drives to the latest innovative belt technology that allows for increased efficiency and reduced cost of operation. For example, upgrading from a standard classical V-belt to a narrow V-belt can reduce hardware and maintenance costs while increasing horsepower and load carrying capabilities. To take it a step further, V-belts could be replaced altogether with a premium synchronous belt like *Eagle NRG™* or *Falcon HTC*, permitting less maintenance and more efficiency.



# MaximizerPro™

## Drive Selection Analysis Program

OVERVIEW

MaximizerPro is an exciting program which allows the user to have Goodyear Engineered Products belt specifications and information right at their fingertips. It is easy to install and easy to use, making drive recommendations a snap. With MaximizerPro, drive requirements specified by the user are matched with available belts, sprockets, pulleys, and bushings. Working like an equation for improved performance, MaximizerPro takes specific physical data and calculates how the system can be upgraded with multiple options for belt drive designs. These options address the end-user's goals related to energy efficiency, quieter operation, increased output, and extended life to name a few.

### THE DATA COLLECTION FORM:

The data collection form allows you to gather all of the drive specifications required to run the selection program. Specifications include:

- Drive Operation Time
- Load
- DriveR and DriveN RPMs
- Center Distance
- Service Factor
- Energy Cost



**MAXIMIZERPRO™ DRIVE DATA COLLECTION FORM**

Company Name: \_\_\_\_\_  
 Drive Name: \_\_\_\_\_  
 Drive No.: \_\_\_\_\_  
 Max. RPM: \_\_\_\_\_  
 Min. RPM: \_\_\_\_\_  
 Max. Torque: \_\_\_\_\_  
 Min. Torque: \_\_\_\_\_  
 Max. Power: \_\_\_\_\_  
 Min. Power: \_\_\_\_\_  
 Max. Speed: \_\_\_\_\_  
 Min. Speed: \_\_\_\_\_  
 Max. Accel: \_\_\_\_\_  
 Min. Accel: \_\_\_\_\_  
 Max. Decel: \_\_\_\_\_  
 Min. Decel: \_\_\_\_\_  
 Max. Vibration: \_\_\_\_\_  
 Min. Vibration: \_\_\_\_\_  
 Max. Noise: \_\_\_\_\_  
 Min. Noise: \_\_\_\_\_  
 Max. Temp: \_\_\_\_\_  
 Min. Temp: \_\_\_\_\_  
 Max. Humidity: \_\_\_\_\_  
 Min. Humidity: \_\_\_\_\_  
 Max. Altitude: \_\_\_\_\_  
 Min. Altitude: \_\_\_\_\_  
 Max. Pressure: \_\_\_\_\_  
 Min. Pressure: \_\_\_\_\_  
 Max. Dust: \_\_\_\_\_  
 Min. Dust: \_\_\_\_\_  
 Max. Oil: \_\_\_\_\_  
 Min. Oil: \_\_\_\_\_  
 Max. Water: \_\_\_\_\_  
 Min. Water: \_\_\_\_\_  
 Max. Salt: \_\_\_\_\_  
 Min. Salt: \_\_\_\_\_  
 Max. Acid: \_\_\_\_\_  
 Min. Acid: \_\_\_\_\_  
 Max. Alkali: \_\_\_\_\_  
 Min. Alkali: \_\_\_\_\_  
 Max. Sulfur: \_\_\_\_\_  
 Min. Sulfur: \_\_\_\_\_  
 Max. Phosphorus: \_\_\_\_\_  
 Min. Phosphorus: \_\_\_\_\_  
 Max. Zinc: \_\_\_\_\_  
 Min. Zinc: \_\_\_\_\_  
 Max. Lead: \_\_\_\_\_  
 Min. Lead: \_\_\_\_\_  
 Max. Cadmium: \_\_\_\_\_  
 Min. Cadmium: \_\_\_\_\_  
 Max. Mercury: \_\_\_\_\_  
 Min. Mercury: \_\_\_\_\_  
 Max. Silver: \_\_\_\_\_  
 Min. Silver: \_\_\_\_\_  
 Max. Copper: \_\_\_\_\_  
 Min. Copper: \_\_\_\_\_  
 Max. Nickel: \_\_\_\_\_  
 Min. Nickel: \_\_\_\_\_  
 Max. Manganese: \_\_\_\_\_  
 Min. Manganese: \_\_\_\_\_  
 Max. Iron: \_\_\_\_\_  
 Min. Iron: \_\_\_\_\_  
 Max. Aluminum: \_\_\_\_\_  
 Min. Aluminum: \_\_\_\_\_  
 Max. Silicon: \_\_\_\_\_  
 Min. Silicon: \_\_\_\_\_  
 Max. Magnesium: \_\_\_\_\_  
 Min. Magnesium: \_\_\_\_\_  
 Max. Potassium: \_\_\_\_\_  
 Min. Potassium: \_\_\_\_\_  
 Max. Sodium: \_\_\_\_\_  
 Min. Sodium: \_\_\_\_\_  
 Max. Calcium: \_\_\_\_\_  
 Min. Calcium: \_\_\_\_\_  
 Max. Barium: \_\_\_\_\_  
 Min. Barium: \_\_\_\_\_  
 Max. Strontium: \_\_\_\_\_  
 Min. Strontium: \_\_\_\_\_  
 Max. Bismuth: \_\_\_\_\_  
 Min. Bismuth: \_\_\_\_\_  
 Max. Antimony: \_\_\_\_\_  
 Min. Antimony: \_\_\_\_\_  
 Max. Arsenic: \_\_\_\_\_  
 Min. Arsenic: \_\_\_\_\_  
 Max. Selenium: \_\_\_\_\_  
 Min. Selenium: \_\_\_\_\_  
 Max. Tellurium: \_\_\_\_\_  
 Min. Tellurium: \_\_\_\_\_  
 Max. Iodine: \_\_\_\_\_  
 Min. Iodine: \_\_\_\_\_  
 Max. Bromine: \_\_\_\_\_  
 Min. Bromine: \_\_\_\_\_  
 Max. Chlorine: \_\_\_\_\_  
 Min. Chlorine: \_\_\_\_\_  
 Max. Fluorine: \_\_\_\_\_  
 Min. Fluorine: \_\_\_\_\_  
 Max. Oxygen: \_\_\_\_\_  
 Min. Oxygen: \_\_\_\_\_  
 Max. Nitrogen: \_\_\_\_\_  
 Min. Nitrogen: \_\_\_\_\_  
 Max. Carbon: \_\_\_\_\_  
 Min. Carbon: \_\_\_\_\_  
 Max. Hydrogen: \_\_\_\_\_  
 Min. Hydrogen: \_\_\_\_\_  
 Max. Helium: \_\_\_\_\_  
 Min. Helium: \_\_\_\_\_  
 Max. Neon: \_\_\_\_\_  
 Min. Neon: \_\_\_\_\_  
 Max. Argon: \_\_\_\_\_  
 Min. Argon: \_\_\_\_\_  
 Max. Krypton: \_\_\_\_\_  
 Min. Krypton: \_\_\_\_\_  
 Max. Xenon: \_\_\_\_\_  
 Min. Xenon: \_\_\_\_\_  
 Max. Radon: \_\_\_\_\_  
 Min. Radon: \_\_\_\_\_

### THE MAXIMIZATION SCREEN:

The maximization screen provides an easy way to view, sort and print the resulting selections. From the maximization screen, drive selections can be sorted by:

- Face Width
- Noise Level
- Energy Cost
- Service Factor
- Belt Speed
- Drive Cost Index

**Maximization**

Options: 0.2%  Limit to Maximum Belt Speed 12.1%  Limit to Number of Solutions  
 0.2%  Quietest Optimal Belt Type 0.25%  Other Reasons  
 0.2%  Limit to Minimum Center Distance

1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Belt Type	Belt Part Number	Driver Diameter (in)	Driven Diameter (in)	Center Distance (in)	Belt Speed (ft/min)	Actual Service Factor	Noise Level (dBA)	Overall Width (in)	Overall Length (in)	Annual Energy Costs	Drive Cost Index	Drive Index	
81	Exgo Pd	112-20	112	56	56/200	2500.0	30.74	1144	3.0	72	2.10	36.11	5024	2.87
88	Exgo Pd	112-20	112	56	56/200	3500.0	30.74	1144	3.0	75	2.10	36.11	5024	2.85
90	Exgo Pd	112-20	112	56	56/200	2500.0	30.74	1144	3.0	72	1.44	36.11	5024	2.85
91	Exgo Pd	112-20	112	56	56/200	3500.0	30.74	1144	3.0	75	1.30	36.11	5024	2.86
92	Exgo Pd	112-20	112	56	56/200	3000.0	30.65	1144	3.0	73	2.02	41.30	5024	3.17
93	Exgo Pd	112-20	112	56	56/200	3000.0	30.65	1144	3.0	73	1.36	41.30	5024	3.08
104	Hawk Pd	2200-30-30	112	56	56/120	2500.0	28.85	1144	6.5	84	1.75	36.31	6035	2.95
105	Hawk Pd	2200-30-30	112	56	56/120	3500.0	28.85	1144	6.5	84	1.75	36.31	6035	2.97
106	Hawk Pd	2200-30-30	112	56	56/120	3000.0	28.92	1144	6.5	81	1.97	36.31	6035	2.91
107	Hawk Pd	2200-30-30	112	56	56/120	3000.0	28.92	1144	6.5	81	1.97	36.31	6035	2.91
120	Falcon HFC	65-T-22-0-11	112	56	56/120	2500.0	28.95	1144	7.5	60	2.10	36.10	6035	2.91
121	Falcon HFC	65-T-22-0-11	112	56	56/120	3500.0	28.74	1144	7.5	60	2.10	36.10	6035	2.92

Gray colored cells contain solutions with 100 sprockets.  
 Red letter cells contain solutions that should only be used at this RPM if a reduction in belt life is allowable.  
 Lowest annual energy used drives are displayed first until sorted in different order by clicking on the column header.

### THE DRIVE DESIGN PRINTOUTS:

The printout function provides the pertinent information for the selected drive, which includes:

- Belt & Drive Information
- Drive Layout
- Tensioning Information

**MaximizerPro DRIVE LAYOUT**

Power Load: 18.9 hp  
 Required Actual Service Factor: 12.13  
 Center Distance: 101.2 inch

Driver Sprocket: 112  
 Driven Sprocket: 56

Pitch: 1.0  
 Teeth: 18  
 Pitch Dia: 5.31 inch  
 Pitch Dia: 5.31 inch  
 Pitch Dia: 5.31 inch  
 Drive Width: 1.80 inch

Driver Part Number: 112-20  
 Sprocket: 112  
 Pulley: 56  
 Shaft Dia: 0.875

Driven Part Number: 56-20  
 Sprocket: 56  
 Pulley: 112  
 Shaft Dia: 1.315

Drive Shaft Length: 101.2 inch

Drive shaft length must be properly aligned to give intended service life.  
 Sprockets must be properly aligned to give intended service life.  
 Service factor is greater than 2.0, correct sprocket for additional service life.  
 Recommended center distance increment for outdoor and sea up use is 0.125 inch.

Installation and tension instructions are shown on the next page.

Notes:  
 1. Recommended center distance increment for outdoor and sea up use is 0.125 inch.  
 2. Check shaft alignment.  
 3. In recommended pulley design standards, drive shafts should be properly aligned to give intended service life.  
 4. Sprockets must be properly aligned to give intended service life.  
 5. Service factor is greater than 2.0, correct sprocket for additional service life.  
 6. Recommended center distance increment for outdoor and sea up use is 0.125 inch.

Index	Part	Part No.	Qty	Notes	Part No.	Qty	Notes
0	0.80	0.00	1.2	112-20	1750	2.0	56-20
1	0.074	0.00	30	56-20	1.44	3.0	

Link Length & Tensioning  
 Size: 112-20  
 Material: 112-20  
 Tensioning: 112-20  
 Installation: 112-20  
 Tensioning: 112-20  
 Installation: 112-20

MaximizerPro is available on Goodyear Engineered Products Europe website: [www.goodyear-epe.com](http://www.goodyear-epe.com)  
Please, go to Power Transmission Products and select Products category.



# V-BELTS

V-belts include not only traditional classical and narrow profiled belts, but also Double-V and FHP belts. When synchronization or timing is not required, V-belts make an excellent low-cost, quiet and efficient means of transmitting power.

However, not all V-belts perform the same. Depending on your application and your objectives, some V-belts will be better at getting you closer to your end goal.

## NARROW V-BELTS

Effectively handling drives up to 750 kW, these belts rank high in kWh per cost, the ultimate measure of drive value. The narrow-belt cross sections (SPZ, SPA, SPB, SPC) and (3V, 5V, 8V) offer higher power capacity for any sheave size and weight.

The narrow or "wedge" design provides more tensile member support than classical V-belts. Narrow belts handle an equivalent load, but with narrower face width and smaller

diameters than the traditional classical V-belts. These features allow the use of smaller belts or fewer belts to transmit the load, an important advantage if your goal is to maximize power transmission efficiency by reducing drive weight and size.

## CLASSIC V-BELTS

The most widely used V-belts are Z, A, B, C and D classical belts. Used more out of habit and convenience than design, these belts can handle fractional to 375 kW drives, usually at the lowest cost. However, they occupy more space, and the drives weigh

more than narrow-belt drives. Also, classical belts are usually less efficient than narrow belts. But their versatility and wide range of sizes and types make them an attractive alternative to wedge belts.

## GOODYEAR CL: BUDGET LINE

Goodyear CL belts offered at an economic price are suitable for less demanding applications. These belts offer a reliable and durable performance on light and medium-duty industrial drives. Classical section belts are designed for operating at high speeds

over small diameter pulleys and short centre distances. Narrower wedge belts are suitable for designing compact drives where space limitation is a factor.

## HEX AND FHP BELTS

A variation of the classical belt, Hex or Double-V belts come in AA, BB and CC. These belts transfer power from either side in serpentine drives.

The 3L, 4L and 5L light-duty Fractional Horsepower Belts (FHP) are part of the classical belt line also. As the name implies, these belts are used solely on drives below 1kW.

## COGGED, RAW-EDGE V-BELT CONSTRUCTION VS. ENVELOPE CONSTRUCTION

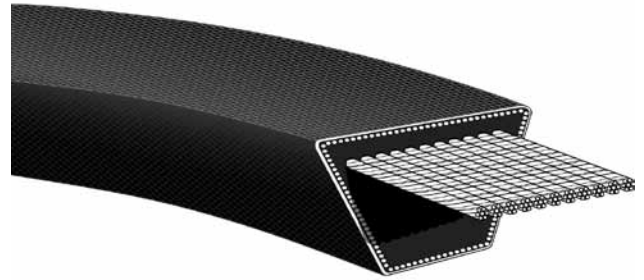
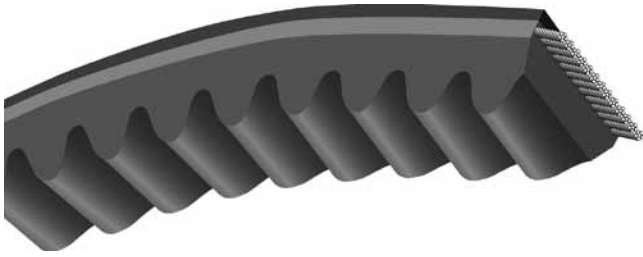
Goodyear Engineered Products provide a complete offering of cogged, raw-edge belts in narrow, classical and FHP styles. Raw-edge V-belts have higher capacity and efficiency and they use smaller sheaves than traditional envelope (wrapped) belts. These belts have a higher coefficient of friction and are more aggressive, which makes them a very efficient belt for power transmission.

In general our V-belts are raw edge construction up to 3,05m and envelope for longer lengths. Unlike conventional fabric-

covered V-belts, raw-edge belts have no cover. Thus, the cross-sectional area normally occupied by the cover is used for more load-carrying cord. Cogs on the inner surface of the belt increase air flow to enhance cooler running. They also increase flexibility, allowing the belt to operate with smaller sheaves. With classical V-belts, certain under-designed or problem drives can be upgraded to "satisfactory" by substituting classical cogged belts for classical envelope belts without replacing sheaves.



# TORQUE FLEX® V-BELTS (ISO)



V-BELT

Part No: 17BX 1800  
 17BX 17 mm Top Width  
 1800 1800 mm Datum Length

Part No: 22C 6880  
 22C 22 mm Top Width  
 6880 6880 mm Datum Length

RAW EDGE CONSTRUCTION UP TO 3050 MM, ENVELOPE CONSTRUCTION FROM 3060 MM

## APPLICATIONS

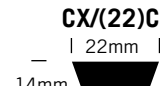
Designed for operating at high speeds over small diameter pulleys and short center distances. Also for use in multiple V-belt drives where high shock load and heavy-duty loads are encountered.

## KEY FEATURES & BENEFITS

- Universal classical profile to fit ISO 4183 pulleys.
- High-strength Vytacord tensile members.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -20 °C to +70 °C.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).

Torque\_Flex ISO  
Classical 'V'





# TORQUE FLEX® V-BELTS (ISO)

## ZX

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
ZX 14 3/4	14 3/4	375	395	ZX 32	32	815	835	ZX 48	48	1225	1245
ZX 15 1/4	15 1/4	385	405	ZX 32 1/4	32 1/4	820	840	ZX 48 1/2	48 1/2	1235	1255
ZX 15 3/4	15 3/4	400	420	ZX 32 1/2	32 1/2	825	845	ZX 49	49	1250	1270
ZX 16 3/4	16 3/4	425	445	ZX 32 3/4	32 3/4	835	855	ZX 49 1/2	49 1/2	1260	1280
ZX 17 1/2	17 1/2	450	465	ZX 33	33	845	865	ZX 50	50	1275	1295
ZX 18	18	455	475	ZX 33 1/2	33 1/2	850	875	ZX 50 1/2	50 1/2	1290	1310
ZX 19	19	475	500	ZX 34 1/2	34 1/2	875	895	ZX 51	51	1300	1320
ZX 19 1/4	19 1/4	490	510	ZX 34 5/8	34 5/8	880	900	ZX 52	52	1320	1340
ZX 19 1/2	19 1/2	500	520	ZX 34 3/4	34 3/4	885	905	ZX 52 3/4	52 3/4	1340	1360
ZX 20	20	510	530	ZX 35	35	895	915	ZX 53	53	1350	1370
ZX 20 1/2	20 1/2	525	545	ZX 35 1/4	35 1/4	900	920	ZX 53 1/2	53 1/2	1365	1385
ZX 21	21	530	555	ZX 35 3/4	35 3/4	910	930	ZX 54	54	1375	1395
ZX 21 1/4	21 1/4	540	560	ZX 36	36	925	945	ZX 54 1/2	54 1/2	1390	1410
ZX 21 1/2	21 1/2	545	565	ZX 36 1/2	36 1/2	930	950	ZX 55	55	1400	1420
ZX 21 7/8	21 7/8	560	580	ZX 36 3/4	36 3/4	940	960	ZX 56	56	1425	1450
ZX 22	22	565	585	ZX 37	37	945	965	ZX 57	57	1450	1470
ZX 22 1/4	22 1/4	570	590	ZX 37 1/2	37 1/2	950	975	ZX 57 1/2	57 1/2	1465	1485
ZX 22 1/2	22 1/2	575	595	ZX 37 3/4	37 3/4	960	980	ZX 58 1/4	58 1/4	1475	1500
ZX 23	23	590	610	ZX 37 7/8	37 7/8	965	985	ZX 58 1/2	58 1/2	1490	1510
ZX 23 3/4	23 3/4	600	625	ZX 38	38	970	990	ZX 59	59	1500	1520
ZX 24	24	615	635	ZX 38 1/2	38 1/2	975	1000	ZX 59 1/4	59 1/4	1505	1525
ZX 24 3/4	24 3/4	630	650	ZX 39	39	990	1010	ZX 60	60	1530	1550
ZX 25	25	640	660	ZX 39 1/2	39 1/2	1000	1025	ZX 61	61	1550	1570
ZX 25 1/2	25 1/2	650	670	ZX 40	40	1020	1040	ZX 62	62	1580	1600
ZX 26	26	665	685	ZX 40 1/2	40 1/2	1030	1050	ZX 63	63	1600	1620
ZX 26 1/4	26 1/4	670	690	ZX 41	41	1040	1060	ZX 64	64	1630	1650
ZX 26 3/4	26 3/4	680	700	ZX 41 1/2	41 1/2	1050	1075	ZX 65	65	1650	1670
ZX 27	27	690	710	ZX 41 3/4	41 3/4	1060	1080	ZX 66	66	1680	1700
ZX 27 1/2	27 1/2	700	720	ZX 42	42	1065	1085	ZX 67	67	1700	1720
ZX 28	28	715	735	ZX 42 1/2	42 1/2	1080	1100	ZX 68	68	1730	1750
ZX 28 1/4	28 1/4	720	740	ZX 43	43	1090	1110	ZX 69	69	1750	1770
ZX 28 1/2	28 1/2	725	745	ZX 43 1/2	43 1/2	1100	1125	ZX 71	71	1800	1820
ZX 28 3/4	28 3/4	730	750	ZX 44	44	1120	1135	ZX 73	73	1850	1870
ZX 29	29	740	760	ZX 44 1/2	44 1/2	1130	1150	ZX 75	75	1900	1920
ZX 29 1/4	29 1/4	745	765	ZX 45	45	1140	1160	ZX 78	78	1975	2000
ZX 29 1/2	29 1/2	750	775	ZX 45 1/4	45 1/4	1150	1170	ZX 79	79	2000	2020
ZX 30	30	760	780	ZX 46	46	1175	1195	ZX 83 1/2	83 1/2	2120	2140
ZX 30 1/2	30 1/2	780	800	ZX 46 1/2	46 1/2	1180	1205	ZX 88	88	2240	2260
ZX 31	31	790	810	ZX 47	47	1200	1220	ZX 93	93	2360	2380
ZX 31 1/2	31 1/2	800	825	ZX 47 1/4	47 1/4	1205	1225	ZX 98 1/2	98 1/2	2500	2520
ZX 31 3/4	31 3/4	810	830	ZX 47 1/2	47 1/2	1210	1230				

V - B E L T



# TORQUE FLEX<sup>®</sup> V-BELTS (ISO)

## AX/A

V - B E L T

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
AX 16	16	407	440	AX 42 ½	42 ½	1075	1100	AX 84	84	2134	2170
AX 17	17	435	465	AX 43	43	1100	1130	AX 84 ½	84 ½	2150	2180
AX 18	18	457	490	AX 44	44	1120	1150	AX 85	85	2160	2200
AX 19	19	480	510	AX 45	45	1143	1175	AX 86	86	2190	2220
AX 20	20	508	540	AX 45 ¼	45 ¼	1150	1180	AX 87	87	2210	2240
AX 20 ¼	20 ¼	515	545	AX 46	46	1168	1200	AX 88	88	2240	2270
AX 21	21	535	570	AX 46 ½	46 ½	1180	1210	AX 89	89	2261	2300
AX 22	22	560	590	AX 47	47	1195	1225	AX 90	90	2286	2320
AX 22 ¾	22 ¾	575	605	AX 48	48	1220	1250	AX 91	91	2311	2340
AX 23	23	590	620	AX 48 ¼	48 ¼	1225	1255	AX 92	92	2337	2370
AX 23 ½	23 ½	600	630	AX 49	49	1250	1280	AX 93	93	2360	2400
AX 24	24	610	640	AX 50	50	1270	1300	AX 94	94	2388	2420
AX 25	25	630	660	AX 50 ½	50 ½	1280	1310	AX 95	95	2413	2450
AX 25 ½	25 ½	650	680	AX 51	51	1300	1330	AX 96	96	2438	2480
AX 26	26	660	690	AX 52	52	1320	1360	AX 97	97	2464	2500
AX 26 ½	26 ½	670	700	AX 53	53	1350	1380	AX 98	98	2500	2520
AX 27	27	686	720	AX 54	54	1375	1410	AX 99	99	2520	2550
AX 27 ½	27 ½	700	730	AX 55	55	1400	1430	AX 100	100	2540	2570
AX 28	28	710	740	AX 56	56	1422	1460	AX 101	101	2565	2600
AX 28 ½	28 ½	725	755	AX 57	57	1450	1480	AX 102	102	2591	2630
AX 29	29	730	760	AX 58	58	1475	1510	AX 103	103	2616	2650
AX 29 ½	29 ½	750	780	AX 59	59	1500	1530	AX 104	104	2650	2680
AX 30	30	767	790	AX 60	60	1525	1550	AX 105	105	2667	2700
AX 30 ½	30 ½	775	800	AX 61	61	1550	1580	AX 107	107	2725	2750
AX 30 ¾	30 ¾	780	810	AX 62	62	1575	1610	AX 108	108	2743	2780
AX 31	31	790	820	AX 63	63	1600	1630	AX 110	110	2800	2830
AX 31 ½	31 ½	800	830	AX 63 ½	63 ½	1610	1640	AX 112	112	2845	2880
AX 32	32	813	840	AX 64	64	1625	1660	AX 113	113	2870	2910
AX 32 ½	32 ½	825	850	AX 65	65	1650	1690	AX 114	114	2896	2930
AX 33	33	841	870	AX 66	66	1676	1710	AX 116	116	2946	2980
AX 33 ½	33 ½	850	880	AX 67	67	1700	1740	AX 118	118	3000	3030
AX 33 ¾	33 ¾	855	885	AX 67 ½	67 ½	1715	1750	A 120	120	3048	3080
AX 34	34	860	890	AX 68	68	1725	1760	A 124	124	3150	3190
AX 34 ¼	34 ¼	875	905	AX 69	69	1750	1780	A 128	128	3250	3290
AX 35	35	889	920	AX 70	70	1775	1810	A 130	130	3302	3330
AX 35 ½	35 ½	900	930	AX 71	71	1800	1840	A 132	132	3350	3388
AX 36	36	914	940	AX 72	72	1825	1860	A 136	136	3454	3490
AX 36 ¼	36 ¼	920	950	AX 73	73	1854	1890	A 140	140	3550	3590
AX 36 ½	36 ½	925	960	AX 74	74	1880	1920	A 144	144	3658	3690
AX 37	37	940	970	AX 75	75	1900	1940	A 148	148	3750	3790
AX 37 ½	37 ½	950	980	AX 76	76	1930	1960	A 150	150	3810	3850
AX 38	38	965	990	AX 77	77	1956	1990	A 155	155	3910	3940
AX 38 ½	38 ½	975	1005	AX 78	78	1980	2010	A 158	158	4000	4040
AX 39	39	1000	1020	AX 79	79	2000	2050	A 162	162	4115	4140
AX 40	40	1016	1050	AX 80	80	2032	2070	A 173	173	4400	4430
AX 40 ½	40 ½	1030	1060	AX 81	81	2060	2090	A 180	180	4572	4605
AX 41	41	1041	1070	AX 82	82	2083	2120	A 187	187	4750	4780
AX 41 ½	41 ½	1050	1080	AX 83	83	2100	2140				
AX 42	42	1060	1090	AX 83 ½	83 ½	2120	2150				

# TORQUE FLEX<sup>®</sup> V-BELTS (ISO)

## BX/B

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
BX 22 ½	22 ½	570	610	BX 61	61	1550	1590	BX 118	118	3000	3040
BX 23	23	585	625	BX 62	62	1575	1610	B 120	120	3050	3090
BX 24	24	615	655	BX 63	63	1600	1640	B 122	122	3100	3140
BX 25	25	630	670	BX 63 ½	63 ½	1620	1660	B 124	124	3150	3200
BX 25 ½	25 ½	650	690	BX 64	64	1625	1670	B 126	126	3200	3240
BX 26 ½	26 ½	670	710	BX 65	65	1650	1690	B 128	128	3250	3290
BX 27	27	686	725	BX 66	66	1676	1720	B 130	130	3302	3350
BX 28	28	710	750	BX 67	67	1700	1740	B 132	132	3350	3400
BX 28 ½	28 ½	725	765	BX 68	68	1725	1760	B 133	133	3385	3425
BX 29 ½	29 ½	750	790	BX 69	69	1750	1790	B 134	134	3404	3450
BX 30	30	760	800	BX 69 ½	69 ½	1761	1800	B 136	136	3450	3500
BX 30 ½	30 ½	775	815	BX 70	70	1775	1820	B 138	138	3505	3550
BX 31	31	790	830	BX 71	71	1800	1850	B 140	140	3550	3600
BX 31 ½	31 ½	800	840	BX 72	72	1829	1870	B 142	142	3600	3650
BX 32	32	810	850	BX 73	73	1850	1900	B 144	144	3658	3700
BX 32 ¼	32 ¼	820	860	BX 74	74	1880	1920	B 146	146	3700	3750
BX 32 ½	32 ½	825	865	BX 75	75	1900	1950	B 148	148	3750	3800
BX 33	33	840	880	BX 76	76	1930	1970	B 150	150	3810	3850
BX 33 ½	33 ½	850	890	BX 77	77	1950	2000	B 152	152	3861	3900
BX 33 ¾	33 ¾	860	900	BX 78	78	1981	2020	B 154	154	3912	3950
BX 34 ½	34 ½	875	910	BX 79	79	2000	2050	B 155 ½	155 ½	3950	3980
BX 35	35	889	930	BX 80	80	2032	2070	B 156	156	3962	4000
BX 35 ½	35 ½	900	940	BX 81	81	2060	2100	B 158	158	4000	4060
BX 35 ¾	35 ¾	910	950	BX 82	82	2083	2130	B 160	160	4070	4110
BX 36 ¼	36 ¼	925	960	BX 83	83	2100	2150	B 162	162	4115	4160
BX 36 ½	36 ½	930	970	BX 83 ½	83 ½	2120	2160	B 164	164	4166	4210
BX 37	37	940	980	BX 84	84	2134	2180	B 165	165	4200	4240
BX 37 ½	37 ½	950	990	BX 85	85	2160	2200	B 167	167	4250	4290
BX 38	38	965	1000	BX 86	86	2200	2230	B 170	170	4318	4360
BX 38 ½	38 ½	975	1015	BX 87	87	2210	2250	B 173	173	4394	4430
BX 39	39	990	1030	BX 88	88	2240	2280	B 175	175	4450	4490
BX 39 ½	39 ½	1000	1040	BX 89	89	2261	2300	B 177	177	4500	4540
BX 40	40	1016	1060	BX 90	90	2286	2330	B 180	180	4572	4610
BX 40 ½	40 ½	1030	1070	BX 91	91	2300	2350	B 181	181	4600	4640
BX 41	41	1040	1080	BX 92	92	2337	2380	B 185	185	4699	4740
BX 41 ½	41 ½	1050	1090	BX 93	93	2360	2400	B 187	187	4750	4790
BX 42	42	1060	1100	BX 94	94	2388	2430	B 188	188	4780	4820
BX 42 ½	42 ½	1075	1115	BX 95	95	2416	2450	B 191	191	4851	4893
BX 43	43	1090	1130	BX 96	96	2438	2480	B 195	195	4952	5000
BX 43 ¼	43 ¼	1100	1140	BX 97	97	2465	2500	B 197	197	5000	5050
BX 44	44	1120	1160	BX 98	98	2500	2530	B 204	204	5182	5220
BX 45	45	1150	1180	BX 99	99	2515	2560	B 208 ½	208 ½	5300	5340
BX 46	46	1175	1210	BX 100	100	2540	2580	B 210	210	5334	5370
BX 46 ½	46 ½	1180	1220	BX 101	101	2565	2610	B 220	220	5600	5640
BX 47	47	1200	1240	BX 102	102	2600	2630	B 225	225	5720	5760
BX 48	48	1225	1260	BX 103	103	2616	2660	B 236	236	6000	6040
BX 49	49	1250	1290	BX 104	104	2650	2680	B 237	237	6030	6070
BX 50	50	1275	1310	BX 105	105	2667	2700	B 238	238	6045	6090
BX 51	51	1300	1340	BX 106	106	2700	2730	B 248	248	6300	6340
BX 52	52	1320	1360	BX 107	107	2718	2760	B 250	250	6350	6390
BX 52 ½	52 ½	1335	1370	BX 108	108	2750	2790	B 256	256	6500	6540
BX 53	53	1350	1390	BX 109	109	2770	2810	B 264	264	6700	6740
BX 53 ½	53 ½	1360	1400	BX 110	110	2800	2840	B 270	270	6850	6900
BX 54	54	1372	1410	BX 111	111	2820	2865	B 275	275	6980	7030
BX 55	55	1400	1440	BX 111 ½	111 ½	2830	2870	B 276	276	7000	7050
BX 56	56	1422	1460	BX 112	112	2850	2890	B 280	280	7100	7140
BX 57	57	1450	1490	BX 113	113	2870	2910	B 285	285	7240	7280
BX 58	58	1473	1510	BX 114	114	2900	2940	B 315	315	8000	8040
BX 59	59	1500	1540	BX 115	115	2921	2960	B 330	330	8380	8420
BX 60	60	1525	1560	BX 116	116	2950	2990				

V - B E L T



# TORQUE FLEX<sup>®</sup> V-BELTS (ISO)

## CX/C

V-BELT

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
CX 41 ½	41 ½	1050	1110	CX 88	88	2240	2300	C 155	155	3942	4000
CX 42	42	1060	1120	CX 89	89	2261	2320	C 156	156	3960	4020
CX 43	43	1100	1150	CX 90	90	2286	2340	C 158	158	4000	4060
CX 45	45	1150	1210	CX 91	91	2300	2360	C 160	160	4064	4120
CX 46 ½	46 ½	1180	1240	CX 92	92	2337	2400	C 162	162	4100	4170
CX 47	47	1200	1260	CX 93	93	2360	2420	C 166	166	4216	4270
CX 48	48	1215	1275	CX 94	94	2388	2450	C 167	167	4250	4310
CX 49	49	1250	1300	CX 95	95	2413	2470	C 168	168	4260	4320
CX 50	50	1275	1330	CX 96	96	2438	2490	C 173	173	4394	4450
CX 50 ¾	50 ¾	1290	1350	CX 96 ½	96 ½	2450	2510	C 175	175	4445	4500
CX 51	51	1300	1355	CX 97	97	2464	2520	C 177	177	4500	4560
CX 52	52	1320	1380	CX 98	98	2480	2540	C 178	178	4520	4580
CX 53	53	1350	1410	CX 98 ½	98 ½	2500	2560	C 179	179	4540	4600
CX 54	54	1375	1430	CX 99	99	2525	2570	C 180	180	4572	4630
CX 55	55	1400	1450	CX 100	100	2540	2600	C 187	187	4750	4810
CX 56	56	1424	1480	CX 101	101	2560	2620	C 190	190	4826	4880
CX 57	57	1450	1510	CX 102	102	2591	2650	C 195	195	4593	5010
CX 58	58	1475	1530	CX 103	103	2616	2670	C 197	197	5000	5060
CX 59	59	1500	1560	CX 104	104	2642	2700	C 204	204	5182	5240
CX 60	60	1524	1580	CX 105	105	2667	2720	C 208	208	5300	5360
CX 61	61	1550	1610	CX 106	106	2692	2750	C 210	210	5334	5380
CX 62	62	1574	1630	CX 108	108	2750	2800	C 220	220	5580	5640
CX 63	63	1600	1650	CX 110	110	2800	2850	C 220 ½	220 ½	5600	5660
CX 65	65	1650	1700	CX 111	111	2819	2880	C 225	225	5715	5770
CX 66	66	1676	1730	CX 112	112	2845	2900	C 236	236	6000	6060
CX 67	67	1700	1760	CX 114	114	2896	2950	C 238	238	6045	6100
CX 68	68	1727	1780	CX 115 ½	115 ½	2940	3000	C 240	240	6096	6150
CX 69	69	1750	1810	CX 116	116	2950	3010	C 248	248	6300	6360
CX 70	70	1778	1830	CX 118	118	3000	3050	C 255	255	6470	6530
CX 71	71	1800	1860	C 119	119	3030	3080	C 256	256	6500	6558
CX 72	72	1829	1880	C 120	120	3048	3100	C 264	264	6700	6760
CX 73	73	1854	1910	C 122	122	3100	3160	C 268	268	6800	6860
CX 74 ½	74 ½	1900	1950	C 124	124	3150	3210	C 270	270	6850	6910
CX 76	76	1930	1990	C 126	126	3200	3260	C 276	276	7000	7070
CX 76 ½	76 ½	1950	2010	C 128	128	3250	3310	C 280	280	7100	7170
CX 77	77	1960	2015	C 130	130	3302	3360	C 295	295	7500	7560
CX 78	78	1981	2040	C 132	132	3350	3410	C 297	297	7540	7600
CX 79	79	2000	2060	C 134	134	3404	3460	C 314	314	7970	8030
CX 80	80	2032	2090	C 136	136	3450	3520	C 316	316	8020	8080
CX 81	81	2060	2110	C 138	138	3505	3560	C 328	328	8330	8390
CX 82	82	2083	2140	C 140	140	3550	3610	C 356	356	9040	9100
CX 83	83	2115	2170	C 142	142	3607	3665	C 358	358	9093	9150
CX 83 ½	83 ½	2120	2180	C 144	144	3658	3710	C 360	360	9140	9200
CX 84	84	2135	2190	C 146	146	3700	3760	C 370	370	9400	9450
CX 84 ½	84 ½	2140	2200	C 148	148	3750	3820	C 390	390	9906	9960
CX 85	85	2155	2220	C 150	150	3810	3870	C 418	418	10617	10670
CX 86	86	2184	2240	C 152	152	3860	3920				
CX 87	87	2210	2270	C 154	154	3912	3970				

# TORQUE FLEX<sup>®</sup> V-BELTS (ISO)

## DX/D

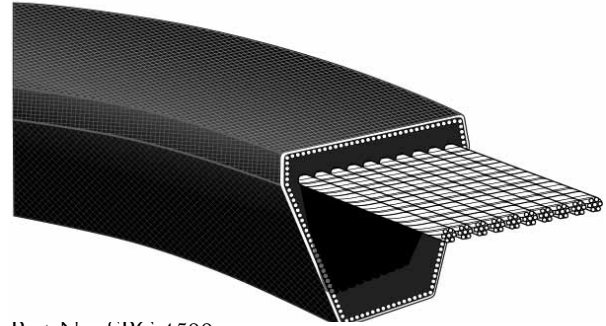
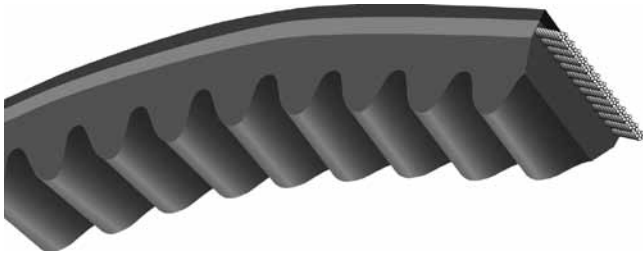
Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
DX 104	104	2645	2720	D 177	177	4500	4575	D 269	269	6832	6890
DX 105	105	2665	2740	D 179	179	4550	4620	D 280	280	7100	7190
DX 110	110	2800	2870	D 180	180	4572	4650	D 297	297	7550	7620
D 118	118	3000	3070	D 187	187	4750	4830	D 298	298	7569	7650
D 120	120	3048	3130	D 190	190	4826	4900	D 300	300	7620	7700
D 124	124	3150	3230	D 194	194	4925	5000	D 306	306	7780	7850
D 128	128	3251	3330	D 195	195	4953	5030	D 315	315	8000	8075
D 132	132	3350	3440	D 197	197	5000	5075	D 316	316	8030	8100
D 136	136	3454	3530	D 208	208	5300	5360	D 328	328	8340	8410
D 137	137	3475	3550	D 210	210	5330	5400	D 330	330	8382	8460
D 140	140	3550	3625	D 214	214	5436	5510	D 354	354	9000	9070
D 144	144	3658	3730	D 220	220	5600	5660	D 357	357	9070	9140
D 148	148	3750	3830	D 225	225	5720	5790	D 360	360	9150	9220
D 150	150	3820	3890	D 228	228	5791	5870	D 374	374	9500	9580
D 154 ½	154 ½	3925	4000	D 236	236	6000	6075	D 394	394	10000	10080
D 158	158	4000	4080	D 237	237	6030	6100	D 418	418	10617	10700
D 162	162	4115	4190	D 240	240	6096	6170	D 477	477	12130	12200
D 164 ½	164 ½	4175	4250	D 248	248	6300	6375	D 492	492	12500	12570
D 167	167	4250	4325	D 255	255	6480	6550	D 536	536	13630	13700
D 170	170	4330	4400	D 264	264	6700	6780	D 595	595	15130	15200
D 173	173	4394	4470	D 266	266	6770	6840				

V - B E L T





# TORQUE FLEX® WEDGE (ISO)



V - B E L T

Part No: XPB 2650  
 XPB 16 mm Top Width  
 2650 2650 mm Datum Length

Part No: SPC 4500  
 SPC 22 mm Top Width  
 4500 4500 mm Datum Length

RAW EDGE CONSTRUCTION UP TO 3050 MM, ENVELOPE CONSTRUCTION FROM 3060 MM

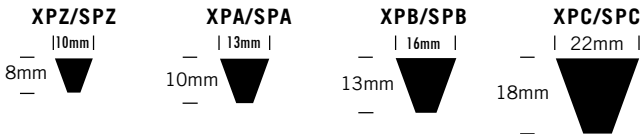
## APPLICATIONS

Narrow profile belts for compact, high power drives and high shock loading on short centers and small diameters. For designing compact, heavy-duty drives where space limitation is a factor.

## KEY FEATURES & BENEFITS

- Greater power than the classical belt.
- Designed to fit ISO 4183 pulleys.
- Strong Vytacord (polyester) tensile members.
- High-grade engineered rubber.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -20 °C to +70 °C.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).



## XPZ/SPZ

Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
XPZ 512	512	XPZ 850	850	XPZ 1140	1140	XPZ 1470	1470	XPZ 2000	2000
XPZ 560	560	XPZ 862	862	XPZ 1150	1150	XPZ 1487	1487	XPZ 2037	2037
XPZ 562	562	XPZ 875	875	XPZ 1162	1162	XPZ 1490	1490	XPZ 2060	2060
XPZ 587	587	XPZ 887	887	XPZ 1180	1180	XPZ 1500	1500	XPZ 2120	2120
XPZ 600	600	XPZ 900	900	XPZ 1187	1187	XPZ 1512	1512	XPZ 2150	2150
XPZ 612	612	XPZ 912	912	XPZ 1200	1200	XPZ 1520	1520	XPZ 2160	2160
XPZ 615	615	XPZ 925	925	XPZ 1202	1202	XPZ 1537	1537	XPZ 2240	2240
XPZ 630	630	XPZ 937	937	XPZ 1212	1212	XPZ 1560	1560	XPZ 2287	2287
XPZ 637	637	XPZ 950	950	XPZ 1237	1237	XPZ 1562	1562	XPZ 2360	2360
XPZ 646	646	XPZ 957	957	XPZ 1250	1250	XPZ 1587	1587	XPZ 2410	2410
XPZ 662	662	XPZ 962	962	XPZ 1262	1262	XPZ 1600	1600	XPZ 2500	2500
XPZ 670	670	XPZ 987	987	XPZ 1270	1270	XPZ 1612	1612	XPZ 2540	2540
XPZ 687	687	XPZ 1000	1000	XPZ 1287	1287	XPZ 1637	1637	XPZ 2580	2580
XPZ 700	700	XPZ 1010	1010	XPZ 1312	1312	XPZ 1650	1650	XPZ 2650	2650
XPZ 710	710	XPZ 1012	1012	XPZ 1320	1320	XPZ 1662	1662	XPZ 2690	2690
XPZ 722	722	XPZ 1024	1024	XPZ 1337	1337	XPZ 1700	1700	XPZ 2800	2800
XPZ 737	737	XPZ 1037	1037	XPZ 1340	1340	XPZ 1737	1737	XPZ 2840	2840
XPZ 750	750	XPZ 1047	1047	XPZ 1362	1362	XPZ 1750	1750	XPZ 2900	2900
XPZ 762	762	XPZ 1060	1060	XPZ 1387	1387	XPZ 1762	1762	XPZ 3000	3000
XPZ 772	772	XPZ 1077	1077	XPZ 1400	1400	XPZ 1800	1800	SPZ 3150	3150
XPZ 787	787	XPZ 1080	1080	XPZ 1412	1412	XPZ 1837	1837	SPZ 3170	3170
XPZ 800	800	XPZ 1087	1087	XPZ 1415	1415	XPZ 1850	1850	SPZ 3350	3350
XPZ 812	812	XPZ 1112	1112	XPZ 1420	1420	XPZ 1900	1900	SPZ 3550	3550
XPZ 825	825	XPZ 1120	1120	XPZ 1437	1437	XPZ 1950	1950		
XPZ 837	837	XPZ 1137	1137	XPZ 1462	1462	XPZ 1987	1987		

# TORQUE FLEX<sup>®</sup> WEDGE (ISO)

## XPA/SPA

Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
XPA 732	732	XPA 1055	1055	XPA 1382	1382	XPA 1832	1832	XPA 2632	2632
XPA 750	750	XPA 1060	1060	XPA 1400	1400	XPA 1850	1850	XPA 2650	2650
XPA 757	757	XPA 1082	1082	XPA 1415	1415	XPA 1857	1857	XPA 2682	2682
XPA 775	775	XPA 1107	1107	XPA 1420	1420	XPA 1882	1882	XPA 2732	2732
XPA 782	782	XPA 1120	1120	XPA 1432	1432	XPA 1900	1900	XPA 2782	2782
XPA 800	800	XPA 1132	1132	XPA 1450	1450	XPA 1957	1957	XPA 2800	2800
XPA 807	807	XPA 1150	1150	XPA 1457	1457	XPA 1982	1982	XPA 2832	2832
XPA 832	832	XPA 1180	1180	XPA 1482	1482	XPA 2000	2000	XPA 2882	2882
XPA 850	850	XPA 1190	1190	XPA 1490	1490	XPA 2032	2032	XPA 2932	2932
XPA 857	857	XPA 1200	1200	XPA 1500	1500	XPA 2057	2057	XPA 3000	3000
XPA 882	882	XPA 1207	1207	XPA 1532	1532	XPA 2120	2120	SPA 3150	3150
XPA 900	900	XPA 1220	1220	XPA 1550	1550	XPA 2160	2160	SPA 3182	3182
XPA 907	907	XPA 1232	1232	XPA 1557	1557	XPA 2182	2182	SPA 3282	3282
XPA 925	925	XPA 1250	1250	XPA 1582	1582	XPA 2240	2240	SPA 3350	3350
XPA 932	932	XPA 1257	1257	XPA 1600	1600	XPA 2282	2282	SPA 3382	3382
XPA 940	940	XPA 1272	1272	XPA 1632	1632	XPA 2300	2300	SPA 3482	3482
XPA 950	950	XPA 1282	1282	XPA 1650	1650	XPA 2360	2360	SPA 3550	3550
XPA 957	957	XPA 1300	1300	XPA 1700	1700	XPA 2432	2432	SPA 3650	3650
XPA 969	969	XPA 1307	1307	XPA 1732	1732	XPA 2482	2482	SPA 3750	3750
XPA 982	982	XPA 1320	1320	XPA 1750	1750	XPA 2500	2500	SPA 3870	3870
XPA 1000	1000	XPA 1332	1332	XPA 1757	1757	XPA 2532	2532	SPA 4000	4000
XPA 1007	1007	XPA 1357	1357	XPA 1800	1800	XPA 2582	2582	SPA 4250	4250
XPA 1032	1032	XPA 1367	1367	XPA 1820	1820	XPA 2607	2607	SPA 4500	4500

V - BELT

## XPB/SPB

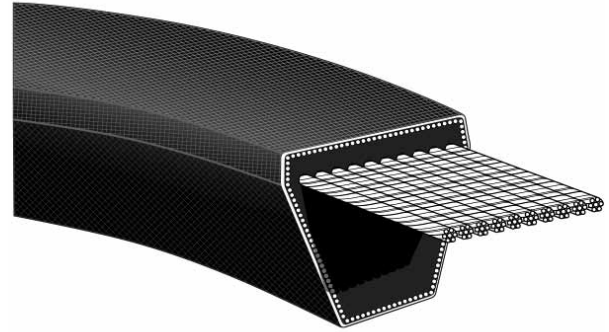
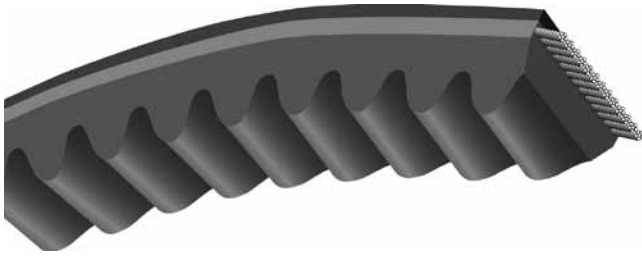
Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
XPB 1250	1250	XPB 1700	1700	XPB 2410	2410	SPB 3350	3350	SPB 4750	4750
XPB 1260	1260	XPB 1720	1720	XPB 2430	2430	SPB 3450	3450	SPB 4820	4820
XPB 1270	1270	XPB 1750	1750	XPB 2500	2500	SPB 3550	3550	SPB 5000	5000
XPB 1280	1280	XPB 1800	1800	XPB 2530	2530	SPB 3650	3650	SPB 5070	5070
XPB 1320	1320	XPB 1850	1850	XPB 2580	2580	SPB 3675	3675	SPB 5300	5300
XPB 1340	1340	XPB 1900	1900	XPB 2600	2600	SPB 3750	3750	SPB 5380	5380
XPB 1400	1400	XPB 1950	1950	XPB 2650	2650	SPB 3800	3800	SPB 5500	5500
XPB 1410	1410	XPB 2000	2000	XPB 2680	2680	SPB 3870	3870	SPB 5600	5600
XPB 1450	1450	XPB 2020	2020	XPB 2700	2700	SPB 4000	4000	SPB 5680	5680
XPB 1465	1465	XPB 2060	2060	XPB 2800	2800	SPB 4060	4060	SPB 6000	6000
XPB 1500	1500	XPB 2120	2120	XPB 2840	2840	SPB 4120	4120	SPB 6300	6300
XPB 1510	1510	XPB 2150	2150	XPB 2900	2900	SPB 4250	4250	SPB 6700	6700
XPB 1525	1525	XPB 2180	2180	XPB 2990	2990	SPB 4310	4310	SPB 7100	7100
XPB 1560	1560	XPB 2240	2240	XPB 3000	3000	SPB 4370	4370	SPB 7500	7500
XPB 1590	1590	XPB 2280	2280	SPB 3070	3070	SPB 4500	4500	SPB 8000	8000
XPB 1600	1600	XPB 2300	2300	SPB 3150	3150	SPB 4560	4560	SPB 9000	9000
XPB 1650	1650	XPB 2360	2360	SPB 3170	3170	SPB 4620	4620		
XPB 1690	1690	XPB 2400	2400	SPB 3250	3250	SPB 4680	4680		

## XPC/SPC

Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
XPC 1700	1700	XPC 2800	2800	SPC 4250	4250	SPC 6300	6300	SPC 9500	9500
XPC 2000	2000	XPC 3000	3000	SPC 4500	4500	SPC 6700	6700	SPC 10000	10000
XPC 2120	2120	SPC 3150	3150	SPC 4750	4750	SPC 7100	7100	SPC 10600	10600
XPC 2240	2240	SPC 3350	3350	SPC 5000	5000	SPC 7500	7500	SPC 11200	11200
XPC 2360	2360	SPC 3550	3550	SPC 5300	5300	SPC 8000	8000	SPC 11800	11800
XPC 2500	2500	SPC 3750	3750	SPC 5600	5600	SPC 8500	8500	SPC 12500	12500
XPC 2650	2650	SPC 4000	4000	SPC 6000	6000	SPC 9000	9000		



# HY-T<sup>®</sup> WEDGE (RMA)



V-BELT

Part No: 3VX 1000  
 3VX 0.38" Top Width  
 1000 100" Effective Outside Length

Part No: 5V 1600  
 5V 0.62" Top Width  
 1600 160" Effective Outside Length

RAW EDGE CONSTRUCTION UP TO 118", ENVELOPE CONSTRUCTION FROM 123"

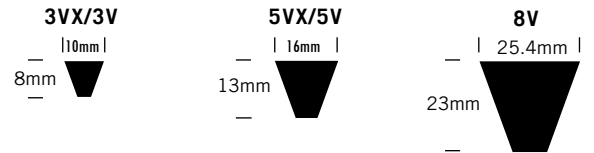
**APPLICATIONS**  
 Narrow profile belts for compact, high power drives and high shock loading on short centers and small diameters. For designing compact, heavy-duty drives where space limitation is a factor.

**KEY FEATURES & BENEFITS**

- Greater power than the classical belt.
- Strong Vytacord (polyester) tensile members.
- High-grade engineered rubber.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -20 °C to +70 °C.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).

HY-T/MATCHMAKER  
RMA Narrow 'V'



# HY-T<sup>®</sup> WEDGE (RMA)

## 3VX/3V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
3VX 250	635	3VX 400	1015	3VX 630	1600	3VX 1000	2540
3VX 265	675	3VX 425	1080	3VX 670	1700	3VX 1060	2690
3VX 280	710	3VX 450	1145	3VX 710	1805	3VX 1120	2845
3VX 300	760	3VX 475	1205	3VX 750	1905	3VX 1180	2995
3VX 315	800	3VX 500	1270	3VX 800	2030	3V 1250	3175
3VX 335	850	3VX 530	1345	3VX 850	2160	3V 1320	3355
3VX 355	900	3VX 560	1420	3VX 900	2285	3V 1400	3555
3VX 375	955	3VX 600	1525	3VX 950	2415	3V 1500	3810

## 5VX/5V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
5VX 450	1140	5VX 660	1675	5VX 900	2285	5V 1600	4065
5VX 470	1194	5VX 670	1700	5VX 930	2360	5V 1700	4320
5VX 490	1245	5VX 680	1730	5VX 950	2415	5V 1800	4570
5VX 500	1270	5VX 690	1750	5VX 960	2440	5V 1900	4825
5VX 510	1295	5VX 710	1805	5VX 1000	2540	5V 2000	5080
5VX 530	1345	5VX 730	1855	5VX 1030	2615	5V 2120	5385
5VX 540	1370	5VX 740	1880	5VX 1060	2690	5V 2240	5690
5VX 550	1395	5VX 750	1905	5VX 1080	2740	5V 2360	5995
5VX 560	1420	5VX 780	1980	5VX 1120	2845	5V 2500	6350
5VX 570	1450	5VX 800	2030	5VX 1150	2921	5V 2650	6730
5VX 580	1470	5VX 810	2060	5VX 1180	2995	5V 2800	7110
5VX 590	1500	5VX 830	2110	5V 1230	3125	5V 3000	7620
5VX 600	1525	5VX 840	2135	5V 1250	3175	5V 3350	8510
5VX 610	1550	5VX 850	2160	5V 1320	3355	5V 3550	9015
5VX 630	1600	5VX 860	2185	5V 1400	3555		
5VX 650	1651	5VX 880	2235	5V 1500	3810		

## 8V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
8VX 1000	2540	8V 1600	4065	8V 2500	6350	8V 4000	10160
8VX 1060	2690	8V 1700	4320	8V 2650	6730	8V 4250	10795
8VX 1120	2845	8V 1800	4570	8V 2800	7110	8V 4500	11430
8VX 1180	2995	8V 1900	4825	8V 3000	7620	8V 4750	12065
8V 1250	3175	8V 2000	5080	8V 3150	8000	8V 5000	12700
8V 1320	3355	8V 2120	5385	8V 3350	8510	8V 5600	14225
8V 1400	3555	8V 2240	5690	8V 3550	9015		
8V 1500	3810	8V 2360	5995	8V 3750	9525		

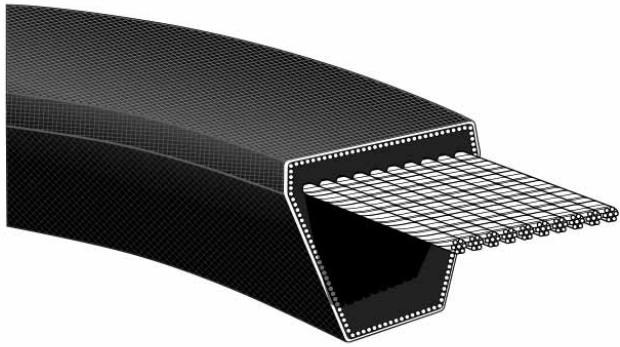
V - BELT



# WEDGE TLP™ NARROW V-BELTS (ISO)

## WedgeTLP™

V-BELT



Part No: SPA 3150

SPA 13 mm Top Width – Narrow Profile

3150 3150 mm Datum Length

Envelope Uncogged Construction Shown

### APPLICATIONS

Premium, longer-life narrow-profile belts for compact, high-power drives. Excellent in short-centred drives or where high shock loads are present; can be used anywhere you find traditional narrow V-belts, but require a more robust composition for improved service life.

### KEY FEATURES & BENEFITS

- Homogenous design.
- Specialty blended, fibre rich compounding.
- Higher modulus, higher denier cord.
- Virtually no maintenance
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).
- Designed to fit ISO 4183 pulleys.
- Oil-resistant surface.
- Supreme durability and wear resistance

\* Refer to Goodyear Engineered Products Matchmaker System (page 84).

\*\* Refer to Static Conductive Belts section (page 85).

### INTRODUCING THE NEWEST, LONGEST-LASTING NARROW V-BELT IN THE GOODYEAR ENGINEERED PRODUCTS LINEUP

Constructed with a homogenous, one-piece design, the Wedge TLP Narrow V-Belt delivers better, lasting performance. Its high modulus, high-denier cord can handle a significant increase in power over our current Torque Flex® Wedge (ISO).

### LITTLE MAINTENANCE, WITH NO WORRIES

Wedge TLP's unique advanced construction process includes use of a specialized reinforcement and compounds that make this narrow V-belt virtually maintenance free. Install this belt the first time with proper installation techniques and take advantage of reduced downtime and maintenance.

### INCREASE SAVINGS BY USING FEWER BELTS

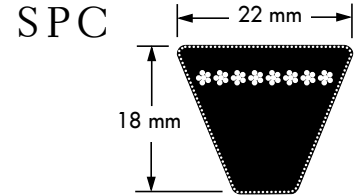
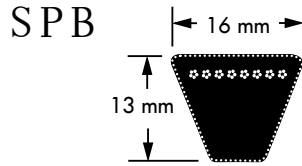
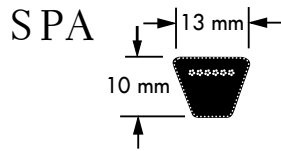
With its greater power capacity, Wedge TLP allows you to deliver the same amount of power with a lesser number of belts. Fewer belts mean fewer pulley grooves; the combination of the two means lower-cost belt drives.

### DURABILITY THAT GOES THE DISTANCE

Wedge TLP belts offer supreme durability and wear resistance—plus better fit even in worn sheaves. That's all because of its two envelope plies and specialty blended, fiber-rich compounding that help support increased horsepower, with less deformation under tension.



# WEDGE TLP™ NARROW V-BELTS (ISO)



Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
SPA 3032	3032	SPA 3182	3182	SPA 3382	3382	SPA 3650	3650	SPA 4000	4000
SPA 3082	3082	SPA 3282	3282	SPA 3482	3482	SPA 3750	3750	SPA 4250	4250
SPA 3150	3150	SPA 3350	3350	SPA 3550	3550	SPA 3870	3870	SPA 4500	4500

Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
SPB 3070	3070	SPB 3675	3675	SPB 4310	4310	SPB 5000	5000	SPB 6300	6300
SPB 3150	3150	SPB 3750	3750	SPB 4370	4370	SPB 5070	5070	SPB 6700	6700
SPB 3170	3170	SPB 3800	3800	SPB 4500	4500	SPB 5300	5300	SPB 7100	7100
SPB 3250	3250	SPB 3870	3870	SPB 4560	4560	SPB 5380	5380	SPB 7500	7500
SPB 3350	3350	SPB 4000	4000	SPB 4620	4620	SPB 5500	5500	SPB 8000	8000
SPB 3450	3450	SPB 4060	4060	SPB 4680	4680	SPB 5600	5600	SPB 9000	9000
SPB 3550	3550	SPB 4120	4120	SPB 4750	4750	SPB 5680	5680		
SPB 3650	3650	SPB 4250	4250	SPB 4820	4820	SPB 6000	6000		

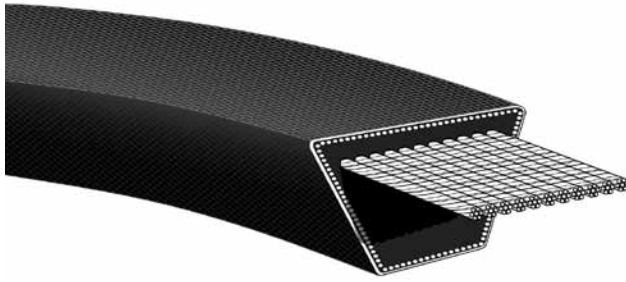
Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
SPC 3150	3150	SPC 4000	4000	SPC 5000	5000	SPC 6300	6300	SPC 8000	8000
SPC 3350	3350	SPC 4250	4250	SPC 5300	5300	SPC 6700	6700	SPC 8500	8500
SPC 3550	3550	SPC 4500	4500	SPC 5600	5600	SPC 7100	7100	SPC 9000	9000
SPC 3750	3750	SPC 4750	4750	SPC 6000	6000	SPC 7500	7500	SPC 9500	9500

\* Additional sizes including RMA sections available on request. Please contact Veyance Technologies Europe PTP marketing.

V - B E L T



# GOODYEAR CL CLASSICAL



## APPLICATIONS

Belts suitable for less demanding applications.

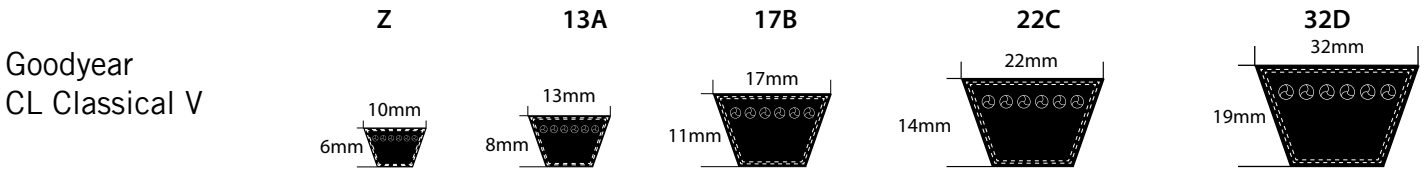
## KEY FEATURES & BENEFITS

- Unversal classical profile to fit ISO 4183 pulleys.
- Low stretch polyester tensile member.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -20°C to +70°C.
- Static conductive\*\* (ISO 1813).

\*\* Refer to Static Conductive Belts section (page 85).

GOODYEAR CL

Part No: 22C 4060  
 22C 22 mm Top Width  
 4060 4060 mm Datum Length



## Z / A

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
Z 16	16	410	430	Z 34	34	865	887	Z 50,75	50,75	1295	1320
Z 17	17	430	450	Z 34,5	34,5	875	900	Z 51	51	1300	1324
Z 18	18	460	490	Z 35	35	890	915	Z 52	52	1320	1350
Z 19	19	480	510	Z 35,5	35,5	900	922	Z 53	53	1345	1368
Z 19,75	19,75	500	522	Z 36	36	915	940	Z 54	54	1371	1400
Z 20	20	510	530	Z 36,5	36,5	925	950	Z 55	55	1400	1420
Z 21	21	530	560	Z 37	37	945	972	Z 56	56	1422	1450
Z 21,5	21,5	545	565	Z 37,5	37,5	950	975	Z 57	57	1450	1472
Z 22	22	560	585	Z 38	38	965	990	Z 58	58	1475	1500
Z 22,75	22,75	575	600	Z 38,5	38,5	975	1000	Z 59	59	1500	1522
Z 23	23	585	610	Z 39	39	990	1010	Z 59,5	59,5	1515	1540
Z 23,5	23,5	600	625	Z 40	40	1016	1038	Z 60	60	1524	1550
Z 23,75	23,75	605	630	Z 40,5	40,5	1030	1052	Z 61	61	1550	1572
Z 24	24	610	635	Z 41	41	1040	1060	Z 62	62	1575	1600
Z 24,75	24,75	620	645	Z 41,5	41,5	1050	1072	Z 63	63	1600	1625
Z 25	25	635	660	Z 41,75	41,75	1060	1082	Z 64	64	1626	1650
Z 25,5	25,5	650	680	Z 42	42	1070	1100	Z 65	65	1651	1680
Z 26	26	660	690	Z 42,5	42,5	1080	1102	Z 66	66	1675	1700
Z 26,5	26,5	670	692	Z 43	43	1090	1115	Z 67	67	1700	1720
Z 27	27	685	710	Z 43,25	43,25	1100	1120	Z 68	68	1725	1750
Z 27,5	27,5	700	732	Z 44	44	1120	1142	Z 68,5	68,5	1740	1770
Z 28	28	710	735	Z 45	45	1145	1170	Z 69	69	1750	1780
Z 28,5	28,5	725	750	Z 45,5	45,5	1155	1180	Z 70	70	1775	1800
Z 29	29	735	760	Z 46	46	1170	1195	Z 71	71	1803	1832
Z 29,5	29,5	750	772	Z 46,5	46,5	1180	1202	Z 72	72	1830	1850
Z 30	30	760	787	Z 47	47	1194	1216	Z 73	73	1850	1872
Z 30,5	30,5	775	797	Z 47,75	47,75	1215	1237	Z 73,5	73,5	1875	1900
Z 30,75	30,75	780	800	Z 48	48	1225	1250	Z 76	76	1930	1950
Z 31	31	790	810	Z 48,5	48,5	1235	1255	Z 78	78	1975	2000
Z 32	32	815	842	Z 49	49	1245	1270	Z 79	79	2000	2022
Z 32,5	32,5	825	850	Z 49,5	49,5	1250	1280	Z 82	82	2095	2120
Z 33	33	840	865	Z 50	50	1270	1292	A 15	15	382	415
Z 33,5	33,5	850	872	Z 50,5	50,5	1285	1310	A 16	16	407	437

Shadowed belts of the same length can be used in matched sets.

# GOODYEAR CL CLASSICAL

A / B

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
A 18	18	457	487	A 73	73	1854	1884	A 173	173	4394	4424
A 19	19	480	510	A 73,5	73,5	1870	1900	A 176	176	4470	4500
A 20	20	508	538	A 74	74	1880	1910	A 177	177	4500	4533
A 20,75	20,75	530	560	A 75	75	1900	1930	A 180	180	4572	4605
A 21	21	535	565	A 76	76	1930	1965	A 187	187	4750	4783
A 22	22	560	593	A 77	77	1956	1989	A 197	197	5000	5033
A 22,5	22,5	570	600	A 77,5	77,5	1970	2000	A 210	210	5334	5367
A 23	23	587	620	A 78	78	1980	2013	A 217	217	5500	5530
A 23,5	23,5	600	630	A 79	79	2000	2030	B 23	23	585	630
A 24	24	610	640	A 80	80	2032	2062	B 24	24	615	655
A 25	25	630	660	A 81	81	2060	2093	B 25	25	630	670
A 26	26	660	690	A 82	82	2083	2120	B 26	26	655	695
A 26,5	26,5	680	710	A 83	83	2100	2133	B 26,5	26,5	670	710
A 27	27	686	716	A 84	84	2134	2170	B 27	27	686	726
A 28	28	710	743	A 85	85	2160	2193	B 28	28	710	750
A 28,5	28,5	720	750	A 86	86	2187	2220	B 29	29	737	790
A 29	29	730	760	A 87	87	2210	2240	B 30	30	760	800
A 30	30	767	800	A 88	88	2240	2270	B 31	31	787	830
A 31	31	787	820	A 89	89	2261	2300	B 31,5	31,5	800	835
A 31,5	31,5	800	830	A 90	90	2286	2325	B 32	32	810	850
A 32	32	813	850	A 91	91	2311	2340	B 32,5	32,5	825	865
A 33	33	838	870	A 91,5	91,5	2330	2360	B 33	33	840	880
A 34	34	860	900	A 92	92	2337	2367	B 33,75	33,75	855	895
A 35	35	889	919	A 93	93	2360	2400	B 34	34	865	910
A 35,5	35,5	900	930	A 94	94	2388	2418	B 35	35	889	929
A 36	36	914	950	A 95	95	2413	2450	B 35,5	35,5	905	945
A 37	37	940	970	A 96	96	2438	2468	B 36	36	917	960
A 38	38	965	1000	A 97	97	2464	2500	B 37	37	940	990
A 39	39	992	1020	A 98	98	2500	2530	B 38	38	965	1000
A 39,5	39,5	1000	1030	A 99	99	2520	2560	B 39	39	990	1030
A 40	40	1016	1040	A 100	100	2540	2570	B 39,5	39,5	1000	1040
A 40,5	40,5	1030	1060	A 102	102	2591	2625	B 40	40	1016	1060
A 41	41	1041	1071	A 103	103	2620	2650	B 41	41	1040	1080
A 42	42	1067	1100	A 104	104	2650	2683	B 41,75	41,75	1060	1095
A 43	43	1100	1120	A 105	105	2667	2700	B 42	42	1067	1100
A 44	44	1120	1150	A 107	107	2725	2750	B 43	43	1090	1120
A 45	45	1143	1180	A 108	108	2743	2780	B 43,25	43,25	1100	1140
A 46	46	1168	1200	A 109	109	2770	2800	B 43,5	43,5	1105	1145
A 47	47	1200	1230	A 110	110	2800	2830	B 44	44	1120	1150
A 47,5	47,5	1210	1245	A 112	112	2845	2880	B 45	45	1150	1180
A 48	48	1220	1250	A 113	113	2870	2900	B 45,5	45,5	1160	1200
A 49	49	1250	1280	A 114	114	2896	2932	B 46	46	1175	1220
A 50	50	1270	1300	A 115	115	2920	2950	B 47	47	1200	1240
A 51	51	1300	1320	A 116	116	2946	2976	B 47,25	47,25	1205	1245
A 52	52	1320	1350	A 117	117	2970	3000	B 47,5	47,5	1215	1250
A 53	53	1346	1380	A 118	118	3000	3030	B 48	48	1225	1260
A 54	54	1372	1400	A 120	120	3048	3080	B 49	49	1250	1280
A 55	55	1400	1430	A 123	123	3120	3150	B 49,5	49,5	1260	1300
A 56	56	1422	1450	A 124	124	3150	3180	B 50	50	1270	1320
A 57	57	1450	1480	A 126	126	3200	3230	B 51	51	1300	1340
A 58	58	1475	1500	A 128	128	3250	3280	B 52	52	1320	1350
A 59	59	1500	1530	A 130	130	3302	3332	B 53	53	1350	1394
A 59,75	59,75	1520	1550	A 132	132	3350	3380	B 54	54	1372	1400
A 60	60	1525	1557	A 134	134	3404	3434	B 55	55	1400	1435
A 61	61	1550	1580	A 136	136	3454	3484	B 56	56	1422	1450
A 62	62	1575	1600	A 138	138	3505	3535	B 57	57	1450	1500
A 63	63	1600	1630	A 140	140	3550	3580	B 58	58	1473	1518
A 64	64	1625	1650	A 144	144	3658	3688	B 59	59	1500	1550
A 65	65	1650	1680	A 147	147	3737	3770	B 60	60	1525	1564
A 66	66	1676	1700	A 148	148	3750	3780	B 61	61	1550	1600
A 67	67	1700	1730	A 154	154	3910	3945	B 62	62	1575	1620
A 68	68	1725	1750	A 155	155	3937	3970	B 63	63	1600	1650
A 69	69	1750	1780	A 156	156	3970	4000	B 64	64	1625	1670
A 70	70	1775	1800	A 158	158	4000	4030	B 65	65	1650	1700
A 71	71	1800	1840	A 162	162	4115	4145	B 66	66	1676	1720
A 72	72	1825	1850	A 167	167	4250	4280	B 67	67	1700	1750

GOODYEAR CL

Shadowed belts of the same length can be used in matched sets.



# GOODYEAR CL CLASSICAL

B / C

GOODYEAR CL

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
B 68	68	1725	1775	B 136	136	3450	3500	B 300	300	7620	7660
B 69	69	1750	1800	B 138	138	3505	3550	B 315	315	8000	8040
B 70	70	1775	1825	B 140	140	3550	3600	B 330	330	8380	8420
B 71	71	1800	1850	B 142	142	3600	3650	B 345	345	8765	8805
B 72	72	1829	1870	B 144	144	3658	3700	B 360	360	9150	9190
B 73	73	1850	1900	B 146	146	3700	3750	B 361	361	9170	9210
B 74	74	1880	1920	B 147	147	3737	3785	B 364	364	9250	9290
B 75	75	1900	1950	B 148	148	3750	3800	B 366	366	9300	9340
B 76	76	1930	1980	B 150	150	3810	3850	B 394	394	10000	10040
B 77	77	1950	2000	B 151	151	3850	3890	B 433	433	11000	11040
B 78	78	1981	2025	B 152	152	3861	3900	B 472	472	12000	12040
B 79	79	2000	2050	B 154	154	3912	3950	C 33,75	33,75	858	920
B 80	80	2032	2070	B 155	155	3950	3990	C 37,5	37,5	955	1020
B 81	81	2060	2100	B 156	156	3962	4000	C 43	43	1090	1148
B 82	82	2083	2120	B 157	157	3988	4028	C 45	45	1150	1210
B 83	83	2100	2150	B 158	158	4000	4050	C 46	46	1168	1230
B 84	84	2134	2174	B 160	160	4070	4120	C 47	47	1200	1250
B 85	85	2160	2200	B 161	161	4087	4130	C 48	48	1215	1273
B 86	86	2185	2225	B 162	162	4115	4158	C 49	49	1250	1300
B 87	87	2210	2240	B 163	163	4140	4185	C 50	50	1270	1330
B 88	88	2240	2279	B 165	165	4200	4250	C 51	51	1295	1353
B 89	89	2261	2300	B 167	167	4250	4293	C 52	52	1320	1378
B 90	90	2286	2330	B 168	168	4267	4310	C 53	53	1350	1400
B 91	91	2300	2340	B 173	173	4394	4437	C 54	54	1375	1433
B 91,5	91,5	2315	2360	B 175	175	4450	4500	C 54,5	54,5	1390	1450
B 92	92	2337	2380	B 177	177	4500	4540	C 55	55	1400	1458
B 93	93	2360	2400	B 180	180	4572	4612	C 56	56	1425	1483
B 94	94	2388	2440	B 185	185	4710	4750	C 56,5	56,5	1440	1500
B 95	95	2413	2450	B 186	186	4727	4770	C 57	57	1450	1508
B 96	96	2438	2480	B 187	187	4750	4790	C 58	58	1475	1533
B 97	97	2465	2500	B 188	188	4780	4820	C 59	59	1500	1558
B 98	98	2500	2540	B 192	192	4877	4920	C 60	60	1524	1582
B 99	99	2515	2550	B 195	195	4953	5000	C 61	61	1550	1600
B 100	100	2540	2584	B 197	197	5000	5040	C 62	62	1574	1632
B 101	101	2565	2600	B 204	204	5182	5225	C 63	63	1600	1658
B 102	102	2600	2640	B 207	207	5260	5300	C 64,5	64,5	1642	1700
B 103	103	2616	2650	B 208	208	5300	5340	C 65	65	1650	1714
B 104	104	2650	2694	B 210	210	5334	5377	C 66	66	1676	1734
B 105	105	2667	2700	B 217	217	5510	5550	C 67	67	1700	1758
B 106	106	2700	2745	B 219	219	5560	5600	C 68	68	1727	1785
B 107	107	2718	2760	B 220	220	5600	5640	C 68,5	68,5	1740	1800
B 108	108	2750	2790	B 221	221	5610	5650	C 69	69	1750	1808
B 109	109	2760	2800	B 223	223	5650	5690	C 70	70	1778	1836
B 110	110	2800	2844	B 224	224	5690	5730	C 70,5	70,5	1790	1850
B 112	112	2845	2895	B 225	225	5715	5755	C 71	71	1800	1858
B 112,5	112,5	2857	2900	B 228	228	5790	5830	C 72	72	1829	1887
B 114	114	2900	2944	B 229	229	5815	5855	C 72,5	72,5	1840	1900
B 115	115	2921	2964	B 235	235	5960	6000	C 73	73	1854	1912
B 116	116	2950	2990	B 236	236	6000	6040	C 74	74	1880	1938
B 116,5	116,5	2955	3000	B 237	237	6020	6060	C 75	75	1900	1957
B 117	117	2972	3015	B 240	240	6096	6136	C 76	76	1930	2000
B 118	118	3000	3050	B 247	247	6260	6300	C 77	77	1956	2014
B 120	120	3048	3091	B 248	248	6300	6340	C 78	78	1981	2050
B 122	122	3100	3150	B 249	249	6325	6365	C 79	79	2000	2058
B 124	124	3150	3194	B 253	253	6425	6465	C 80	80	2032	2090
B 125	125	3175	3215	B 255	255	6480	6520	C 81	81	2062	2120
B 126	126	3200	3245	B 256	256	6500	6540	C 82	82	2080	2141
B 127	127	3227	3270	B 259	259	6580	6620	C 83	83	2108	2175
B 128	128	3250	3300	B 264	264	6700	6740	C 84	84	2134	2200
B 130	130	3302	3350	B 265	265	6730	6770	C 85	85	2159	2217
B 131	131	3327	3370	B 269	269	6830	6870	C 86	86	2184	2240
B 132	132	3350	3390	B 270	270	6850	6890	C 87	87	2210	2268
B 133	133	3378	3420	B 276	276	7000	7040	C 88	88	2240	2298
B 134	134	3404	3450	B 280	280	7100	7140	C 89	89	2261	2319
B 135	135	3429	3470	B 285	285	7240	7280	C 90	90	2286	2350

Shaded belts of the same length can be used in matched sets.

# GOODYEAR CL CLASSICAL

C / D

Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)	Belt reference	Imperial reference (inch)	Inside length Li (mm)	Datum length Ld (mm)
C 91	91	2300	2360	C 177	177	4500	4558	D 154	154	3915	3993
C 92	92	2337	2400	C 180	180	4572	4630	D 155	155	3925	4000
C 93	93	2360	2418	C 185	185	4692	4750	D 158	158	4000	4075
C 94	94	2388	2450	C 187	187	4750	4808	D 162	162	4115	4190
C 95	95	2413	2471	C 190	190	4826	4884	D 164	164	4175	4250
C 96	96	2438	2500	C 194	194	4942	5000	D 167	167	4250	4320
C 97	97	2464	2522	C 195	195	4953	5011	D 170	170	4315	4390
C 98	98	2500	2565	C 197	197	5000	5058	D 173	173	4394	4469
C 99	99	2525	2585	C 200	200	5080	5138	D 174	174	4425	4500
C 100	100	2540	2600	C 204	204	5182	5244	D 176	176	4475	4550
C 101	101	2560	2618	C 206	206	5242	5300	D 177	177	4500	4575
C 102	102	2591	2650	C 208	208	5300	5358	D 180	180	4572	4650
C 103	103	2615	2680	C 210	210	5334	5392	D 187	187	4750	4825
C 104	104	2642	2700	C 216	216	5486	5548	D 194	194	4925	5000
C 105	105	2667	2725	C 218	218	5542	5600	D 195	195	4953	5028
C 106	106	2692	2750	C 220	220	5600	5658	D 197	197	5000	5075
C 108	108	2750	2800	C 222	222	5635	5693	D 204	204	5182	5258
C 109	109	2770	2820	C 225	225	5715	5773	D 204,5	204,5	5195	5270
C 110	110	2800	2864	C 228	228	5790	5848	D 205	205	5209	5285
C 111	111	2819	2886	C 234	234	5942	6000	D 207	207	5259	5335
C 112	112	2845	2903	C 236	236	6000	6058	D 208	208	5300	5375
C 112,5	112,5	2858	2915	C 238	238	6045	6103	D 210	210	5334	5410
C 114	114	2896	2954	C 240	240	6096	6154	D 217	217	5525	5600
C 115	115	2921	2979	C 245	245	6242	6300	D 220	220	5600	5680
C 116	116	2950	3000	C 248	248	6300	6358	D 223	223	5664	5739
C 117	117	2970	3030	C 250	250	6350	6408	D 225	225	5715	5790
C 118	118	3000	3050	C 255	255	6470	6528	D 233	233	5925	6000
C 120	120	3048	3106	C 264	264	6700	6758	D 236	236	6000	6075
C 122	122	3099	3150	C 265	265	6730	6788	D 238	238	6045	6120
C 124	124	3150	3208	C 270	270	6850	6916	D 240	240	6096	6166
C 125	125	3175	3235	C 276	276	7000	7058	D 245	245	6225	6300
C 125,5	125,5	3190	3250	C 280	280	7100	7158	D 248	248	6300	6375
C 126	126	3200	3258	C 285	285	7240	7298	D 250	250	6350	6425
C 128	128	3250	3308	C 295	295	7500	7558	D 255	255	6480	6555
C 129	129	3292	3350	C 297	297	7540	7598	D 264	264	6700	6775
C 130	130	3302	3360	C 300	300	7620	7678	D 266	266	6760	6835
C 132	132	3350	3408	C 303	303	7700	7758	D 270	270	6858	6933
C 134	134	3404	3462	C 314	314	7976	8034	D 277	277	7025	7100
C 136	136	3450	3500	C 315	315	8000	8058	D 280	280	7100	7175
C 137	137	3492	3550	C 316	316	8025	8083	D 282	282	7160	7235
C 138	138	3505	3563	C 330	330	8382	8440	D 285	285	7240	7315
C 139	139	3525	3585	C 336	336	8530	8588	D 295	295	7500	7575
C 140	140	3550	3608	C 345	345	8760	8818	D 298	298	7569	7644
C 142	142	3607	3665	C 360	360	9140	9198	D 300	300	7620	7695
C 144	144	3658	3716	C 394	394	10000	10058	D 312	312	7925	8000
C 145	145	3692	3750	C 420	420	10665	10723	D 314	314	7975	8050
C 147	147	3734	3795	C 424	424	10770	10828	D 315	315	8000	8075
C 148	148	3750	3805	D 98	98	2500	2575	D 316	316	8025	8100
C 150	150	3810	3868	D 104	104	2650	2725	D 326	326	8280	8355
C 152	152	3860	3920	D 110	110	2800	2870	D 330	330	8382	8457
C 153	153	3900	3960	D 118	118	3000	3070	D 345	345	8763	8838
C 154	154	3912	3970	D 120	120	3048	3123	D 351	351	8925	9000
C 155	155	3940	4000	D 121	121	3075	3150	D 354	354	9000	9075
C 158	158	4000	4060	D 124	124	3150	3220	D 360	360	9150	9225
C 160	160	4064	4120	D 128	128	3251	3326	D 374	374	9500	9575
C 161,5	161,5	4100	4160	D 129	129	3275	3350	D 390	390	9900	9975
C 162	162	4115	4177	D 132	132	3350	3420	D 394	394	10000	10075
C 164	164	4190	4250	D 134	134	3400	3475	D 420	420	10670	10745
C 165	165	4195	4255	D 135	135	3425	3500	D 441	441	11200	11275
C 166	166	4216	4278	D 136	136	3454	3529	D 480	480	12200	12275
C 167	167	4250	4308	D 137	137	3475	3550	D 492	492	12500	12575
C 168	168	4267	4329	D 140	140	3550	3625	D 540	540	13720	13795
C 169	169	4292	4350	D 144	144	3658	3733	D 600	600	15240	15315
C 173	173	4394	4452	D 145	145	3675	3750				
C 175	175	4442	4500	D 148	148	3750	3820				

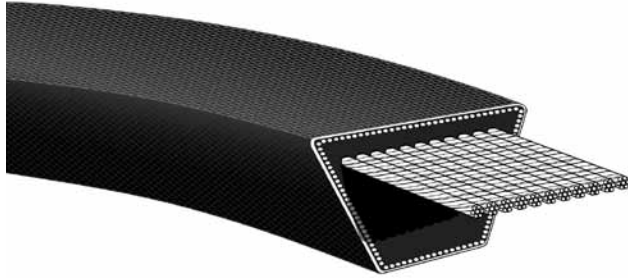
GOODYEAR CL

Shaded belts of the same length can be used in matched sets.





# GOODYEAR CL WEDGE



**APPLICATIONS**  
Belts suitable for less demanding applications.

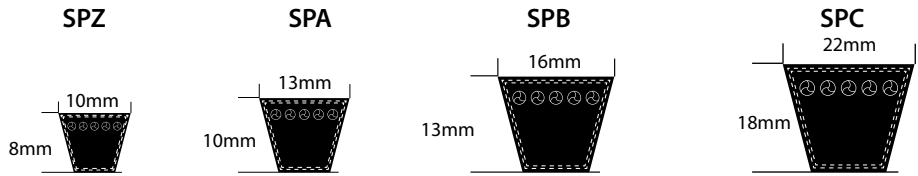
- KEY FEATURES & BENEFITS**
- Universal classical profile to fit ISO 4183 pulleys.
  - Low stretch polyester tensile member.
  - Oil, ozone and abrasion resistant.
  - Temperature resistance: -20°C to +70°C.
  - Static conductive\*\* (ISO 1813).

Part No: SPB 1100  
 SPB 16 mm Top Width  
 1100 1100 mm Datum Length

\*\* Refer to Static Conductive Belts section (page 85).

GOODYEAR CL

Goodyear CL Wedge



## SPZ / SPA

Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
SPZ 487	487	SPZ 962	962	SPZ 1387	1387	SPZ 1900	1900	SPZ 3350	3350
SPZ 562	562	SPZ 987	987	SPZ 1400	1400	SPZ 1937	1937	SPZ 3550	3550
SPZ 612	612	SPZ 1000	1000	SPZ 1412	1412	SPZ 1987	1987	SPA 732	732
SPZ 630	630	SPZ 1012	1012	SPZ 1437	1437	SPZ 2000	2000	SPA 757	757
SPZ 637	637	SPZ 1024	1024	SPZ 1462	1462	SPZ 2030	2030	SPA 782	782
SPZ 662	662	SPZ 1037	1037	SPZ 1487	1487	SPZ 2037	2037	SPA 800	800
SPZ 670	670	SPZ 1047	1047	SPZ 1500	1500	SPZ 2050	2050	SPA 807	807
SPZ 687	687	SPZ 1060	1060	SPZ 1512	1512	SPZ 2060	2060	SPA 832	832
SPZ 722	722	SPZ 1077	1077	SPZ 1537	1537	SPZ 2087	2087	SPA 850	850
SPZ 737	737	SPZ 1087	1087	SPZ 1562	1562	SPZ 2120	2120	SPA 857	857
SPZ 750	750	SPZ 1112	1112	SPZ 1587	1587	SPZ 2137	2137	SPA 882	882
SPZ 762	762	SPZ 1120	1120	SPZ 1600	1600	SPZ 2160	2160	SPA 900	900
SPZ 772	772	SPZ 1137	1137	SPZ 1612	1612	SPZ 2187	2187	SPA 907	907
SPZ 787	787	SPZ 1162	1162	SPZ 1637	1637	SPZ 2240	2240	SPA 932	932
SPZ 800	800	SPZ 1180	1180	SPZ 1650	1650	SPZ 2280	2280	SPA 950	950
SPZ 812	812	SPZ 1187	1187	SPZ 1662	1662	SPZ 2287	2287	SPA 957	957
SPZ 825	825	SPZ 1202	1202	SPZ 1687	1687	SPZ 2300	2300	SPA 982	982
SPZ 837	837	SPZ 1212	1212	SPZ 1700	1700	SPZ 2360	2360	SPA 1000	1000
SPZ 850	850	SPZ 1237	1237	SPZ 1737	1737	SPZ 2410	2410	SPA 1007	1007
SPZ 862	862	SPZ 1250	1250	SPZ 1762	1762	SPZ 2450	2450	SPA 1032	1032
SPZ 875	875	SPZ 1262	1262	SPZ 1787	1787	SPZ 2500	2500	SPA 1060	1060
SPZ 887	887	SPZ 1287	1287	SPZ 1800	1800	SPZ 2650	2650	SPA 1082	1082
SPZ 900	900	SPZ 1312	1312	SPZ 1812	1812	SPZ 2690	2690	SPA 1107	1107
SPZ 912	912	SPZ 1320	1320	SPZ 1837	1837	SPZ 2800	2800	SPA 1120	1120
SPZ 925	925	SPZ 1337	1337	SPZ 1850	1850	SPZ 2840	2840	SPA 1132	1132
SPZ 937	937	SPZ 1347	1347	SPZ 1862	1862	SPZ 3000	3000	SPA 1157	1157
SPZ 950	950	SPZ 1362	1362	SPZ 1887	1887	SPZ 3150	3150	SPA 1180	1180

Shaded belts of the same length can be used in matched sets.

# GOODYEAR CL WEDGE

## SPA / SPB / SPC

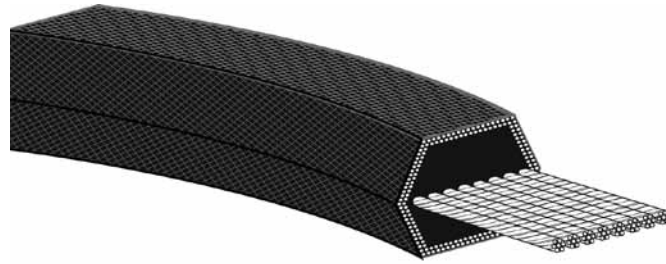
Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)	Belt reference	Datum length Ld (mm)
SPA 1207	1207	SPA 2132	2132	SPB 1175	1175	SPB 2425	2425	SPB 8000	8000
SPA 1232	1232	SPA 2182	2182	SPB 1200	1200	SPB 2430	2430	SPB 9500	9500
SPA 1250	1250	SPA 2207	2207	SPB 1215	1215	SPB 2475	2475	SPB 10000	10000
SPA 1257	1257	SPA 2232	2232	SPB 1250	1250	SPB 2500	2500	SPC 2000	2000
SPA 1272	1272	SPA 2240	2240	SPB 1320	1320	SPB 2530	2530	SPC 2020	2020
SPA 1282	1282	SPA 2282	2282	SPB 1375	1375	SPB 2550	2550	SPC 2060	2060
SPA 1307	1307	SPA 2300	2300	SPB 1400	1400	SPB 2575	2575	SPC 2120	2120
SPA 1320	1320	SPA 2307	2307	SPB 1422	1422	SPB 2600	2600	SPC 2240	2240
SPA 1332	1332	SPA 2332	2332	SPB 1450	1450	SPB 2650	2650	SPC 2360	2360
SPA 1357	1357	SPA 2360	2360	SPB 1475	1475	SPB 2680	2680	SPC 2500	2500
SPA 1382	1382	SPA 2382	2382	SPB 1500	1500	SPB 2725	2725	SPC 2540	2540
SPA 1400	1400	SPA 2432	2432	SPB 1545	1545	SPB 2750	2750	SPC 2650	2650
SPA 1407	1407	SPA 2482	2482	SPB 1575	1575	SPB 2775	2775	SPC 2720	2720
SPA 1432	1432	SPA 2500	2500	SPB 1600	1600	SPB 2800	2800	SPC 2800	2800
SPA 1457	1457	SPA 2532	2532	SPB 1625	1625	SPB 2840	2840	SPC 3000	3000
SPA 1482	1482	SPA 2582	2582	SPB 1650	1650	SPB 2850	2850	SPC 3150	3150
SPA 1500	1500	SPA 2607	2607	SPB 1675	1675	SPB 2900	2900	SPC 3350	3350
SPA 1507	1507	SPA 2632	2632	SPB 1700	1700	SPB 2990	2990	SPC 3550	3550
SPA 1532	1532	SPA 2650	2650	SPB 1725	1725	SPB 3000	3000	SPC 3620	3620
SPA 1557	1557	SPA 2682	2682	SPB 1750	1750	SPB 3150	3150	SPC 3750	3750
SPA 1582	1582	SPA 2732	2732	SPB 1775	1775	SPB 3170	3170	SPC 4000	4000
SPA 1600	1600	SPA 2782	2782	SPB 1800	1800	SPB 3175	3175	SPC 4250	4250
SPA 1607	1607	SPA 2800	2800	SPB 1825	1825	SPB 3250	3250	SPC 4400	4400
SPA 1632	1632	SPA 2832	2832	SPB 1850	1850	SPB 3270	3270	SPC 4500	4500
SPA 1657	1657	SPA 2847	2847	SPB 1875	1875	SPB 3350	3350	SPC 4750	4750
SPA 1682	1682	SPA 2882	2882	SPB 1900	1900	SPB 3450	3450	SPC 5000	5000
SPA 1700	1700	SPA 2932	2932	SPB 1925	1925	SPB 3500	3500	SPC 5300	5300
SPA 1707	1707	SPA 2982	2982	SPB 1950	1950	SPB 3550	3550	SPC 5600	5600
SPA 1732	1732	SPA 3000	3000	SPB 1975	1975	SPB 3650	3650	SPC 6000	6000
SPA 1757	1757	SPA 3032	3032	SPB 2000	2000	SPB 3750	3750	SPC 6300	6300
SPA 1782	1782	SPA 3082	3082	SPB 2020	2020	SPB 3800	3800	SPC 6500	6500
SPA 1800	1800	SPA 3150	3150	SPB 2050	2050	SPB 4000	4000	SPC 6700	6700
SPA 1807	1807	SPA 3182	3182	SPB 2075	2075	SPB 4060	4060	SPC 7100	7100
SPA 1832	1832	SPA 3250	3250	SPB 2100	2100	SPB 4064	4064	SPC 7500	7500
SPA 1857	1857	SPA 3350	3350	SPB 2120	2120	SPB 4250	4250	SPC 8000	8000
SPA 1882	1882	SPA 3382	3382	SPB 2150	2150	SPB 4500	4500	SPC 8500	8500
SPA 1900	1900	SPA 3450	3450	SPB 2175	2175	SPB 4560	4560	SPC 9000	9000
SPA 1907	1907	SPA 3550	3550	SPB 2180	2180	SPB 4750	4750	SPC 9500	9500
SPA 1932	1932	SPA 3750	3750	SPB 2210	2210	SPB 5000	5000	SPC 10000	10000
SPA 1957	1957	SPA 3850	3850	SPB 2240	2240	SPB 5300	5300	SPC 10600	10600
SPA 1982	1982	SPA 4000	4000	SPB 2280	2280	SPB 5600	5600	SPC 11200	11200
SPA 2000	2000	SPA 4250	4250	SPB 2300	2300	SPB 6000	6000	SPC 12500	12500
SPA 2032	2032	SPA 4500	4500	SPB 2325	2325	SPB 6300	6300		
SPA 2057	2057	SPB 1100	1100	SPB 2340	2340	SPB 6700	6700		
SPA 2082	2082	SPB 1125	1125	SPB 2360	2360	SPB 7100	7100		
SPA 2120	2120	SPB 1150	1150	SPB 2400	2400	SPB 7500	7500		

GOODYEAR CL

Shaded belts of the same length can be used in matched sets.



# HEX



Part No: BB 75  
 BB B Section Double  
 Classical Profile 0.66" Center Width  
 75 Approximate 75" Inside Length

V - BELT

## APPLICATIONS

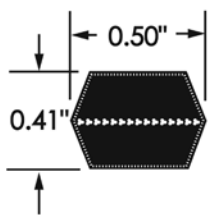
Used on drives having one or more reverse bends and usually where power must be transmitted to or from the belt in both the usual and reverse positions.

- Lawn and Garden Equipment
- Mixers
- Agitators
- Mule Drives
- Conveyors
- Crushers

## KEY FEATURES & BENEFITS

- Dual-sided classical profile.
- High-strength Vytacord tensile members.
- Engineered rubber compound-impregnated envelope.
- Goodyear's engineered rubber cushion and insulation.
- Oil, heat, ozone and abrasion resistant.
- Static conductive\*\* (ISO 1813).

\*\* Refer to Static Conductive Belts section (page 85).

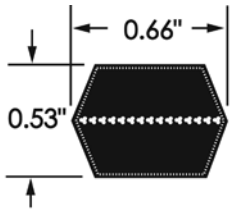


## AA

Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
AA51	1330	AA70	1815	AA96	2475
AA55	1435	AA75	1940	AA105	2705
AA60	1560	AA80	2070	AA112	2880
AA64	1665	AA85	2195	AA120	3085
AA66	1715	AA90	2325	AA128	3290
AA68	1765	AA92	2375		

# HEX

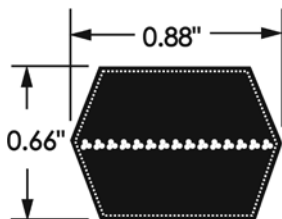
## BB



Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
BB35	940	BB96	2490	BB162	4165
BB38	1015	BB97	2515	BB168	4320
BB42	1120	BB103	2670	BB169	4345
BB43	1145	BB105	2720	BB173	4445
BB45	1195	BB107	2770	BB180	4625
BB46	1220	BB108	2795	BB182	4670
BB53	1395	BB111	2870	BB190	4875
BB55	1450	BB112	2895	BB195	5005
BB60	1575	BB116	3000	BB210	5385
BB64	1675	BB117	3025	BB225	5730
BB68	1780	BB118	3050	BB226	5755
BB71	1855	BB120	3100	BB228	5805
BB72	1880	BB122	3150	BB230	5855
BB73	1905	BB123	3175	BB240	6110
BB74	1930	BB124	3200	BB255	6490
BB75	1955	BB128	3300	BB267	6795
BB81	2110	BB129	3325	BB270	6870
BB83	2160	BB130	3350	BB273	6945
BB85	2210	BB136	3505	BB277	7050
BB90	2335	BB140	3605	BB278	7075
BB92	2390	BB144	3710	BB285	7255
BB93	2415	BB155	3990	BB300	7635
BB94	2440	BB158	4065		

V - BELT

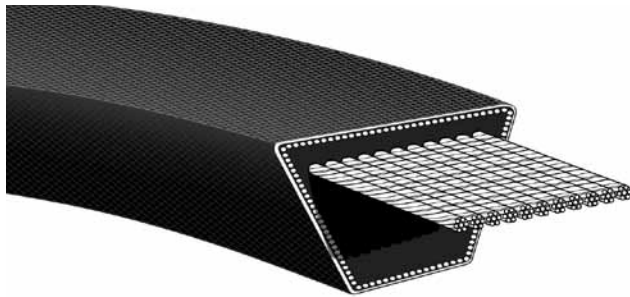
## CC



Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
CC75	1980	CC136	3525	CC225	5800
CC81	2130	CC144	3730	CC240	6120
CC85	2230	CC148	3835	CC255	6500
CC90	2360	CC158	4085	CC270	6880
CC96	2510	CC162	4190	CC300	7640
CC105	2740	CC173	4465	CC330	8405
CC112	2920	CC180	4645	CC360	9165
CC120	3120	CC195	5025	CC390	9930
CC128	3325	CC210	5405	CC420	10690



# INSTA-POWER™ (FLEXTEN® CLASSICAL)



**APPLICATIONS**

Delivers high performance consistently in lawn and garden drives up to 15 kW. Also ideal for other power equipment where reverse bend idlers, misalignment and quarter-turn drives cause ordinary belts to fail.

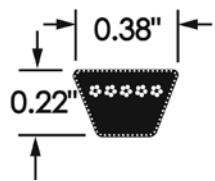
**KEY FEATURES & BENEFITS**

- Flexten classical profile construction.
- High-strength Flexten tensile members.
- Engineered rubber cushion compound.
- Premium envelope construction.
- Triple part number branding (Insta-Power, Classical and Fraction horsepower).
- Oil, heat, ozone and abrasion resistant.
- Static conductive\*\* (ISO 1813).

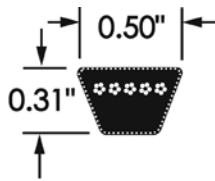
V-BELT

Part No: 84310  
 84 Top Width Designation: 84 denotes 4/8" top width  
 31 Length in Inches  
 0 Tenths of an Inch  
 A29F - Equivalent Classical Size

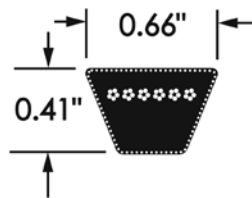
\*\* Refer to Static Conductive Belts section (page 85).



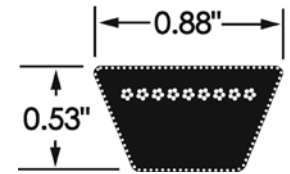
83 (3/8")  
3L SECTION



84 (4/8")  
A SECTION  
OR 4L SECTION



85 (5/8")  
B SECTION  
OR 5L SECTION



87 (7/8")  
C SECTION

## 83 3L SECTION

Instapower	Instapower	Instapower	Instapower	Instapower	Instapower	Instapower	Instapower
83160	83220	83250	83295	83340	83390	83440	83500
83170	83225	83255	83300	83350	83400	83450	83510
83180	83230	83260	83310	83360	83410	83460	83560
83190	83235	83270	83315	83370	83415	83470	83570
83200	83240	83280	83320	83375	83420	83480	83610
83210	83245	83290	83330	83380	83430	83490	

Insta-Power belts available on request. Please contact Veyance Technologies Europe PTP marketing.

# INSTA-POWER™ (FLEXTEN® CLASSICAL)

## 84

### A SECTION OR 4L SECTION

Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical
84170	A15F	84300	A28F	84385		84500	A48F	84670	A65F	84840	A82F
84180	A16F	84305		84390	A37F	84510	A49F	84680	A66F	84850	A83F
84190	A17F	84310	A29F	84400	A38F	84520	A50F	84690	A67F	84860	A84F
84200	A18F	84315		84405		84530	A51F	84700	A68F	84870	A85F
84210	A19F	84320	A30F	84410	A39F	84540	A52F	84710	A69F	84880	A86F
84220	A20F	84325		84415		84550	A53F	84720	A70F	84890	A87F
84230	A21F	84330	A31F	84420	A40F	84560	A54F	84730	A71F	84900	A88F
84240	A22F	84335		84425		84570	A55F	84740	A72F	84910	A89F
84250	A23F	84340	A32F	84430	A41F	84580	A56F	84750	A73F	84920	A90F
84255		84345		84440	A42F	84590	A57F	84760	A74F	84930	A91F
84260	A24F	84350	A33F	84450	A43F	84600	A58F	84770	A75F	84940	A92F
84270	A25F	84355		84460	A44F	84610	A59F	84780	A76F	84950	A93F
84275		84360	A34F	84470	A45F	84620	A60F	84790	A77F	84960	A94F
84280	A26F	84365		84475		84630	A61F	84800	A78F	84970	A95F
84285		84370	A35F	84480	A46F	84640	A62F	84810	A79F	84980	A96F
84290	A27F	84375		84485		84650	A63F	84820	A80F	84990	A97F
84295		84380	A36F	84490	A47F	84660	A64F	84830	A81F	84999	A98F

V - BELT

## 85

### B SECTION OR 5L SECTION

Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical
85240	B21F	85360	B33F	85490	B46F	85620	B59F	85750	B72F	85880	B85F
85250	B22F	85370	B34F	85500	B47F	85630	B60F	85760	B73F	85890	B86F
85260	B23F	85380	B35F	85510	B48F	85640	B61F	85770	B74F	85900	B87F
85270	B24F	85390	B36F	85520	B49F	85650	B62F	85780	B75F	85910	B88F
85280	B25F	85400	B37F	85530	B50F	85660	B63F	85790	B76F	85920	B89F
85290	B26F	85410	B38F	85540	B51F	85670	B64F	85800	B77F	85930	B90F
85300	B27F	85420	B39F	85550	B52F	85680	B65F	85810	B78F	85940	B91F
85310	B28F	85430	B40F	85560	B53F	85690	B66F	85820	B79F	85950	B92F
85320	B29F	85440	B41F	85570	B54F	85700	B67F	85830	B80F	85960	B93F
85330	B30F	85450	B42F	85580	B55F	85710	B68F	85540	B81F	85970	B94F
85335		85460	B43F	85590	B56F	85720	B69F	85850	B82F	85980	B95F
85340	B31F	85470	B44F	85600	B57F	85730	B70F	85860	B83F	85990	B96F
85350	B32F	85480	B45F	85610	B58F	85740	B71F	85870	B84F	85999	B97F

## 87

### C SECTION

Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical	Instapower	Flexten Classical
87720	C68F	87850	C81F	87940	C90F	871040	C100F	871160	C112F	871320	C128F
87790	C75F	87890	C85F	871000	C96F	871090	C105F	871240	C120F		

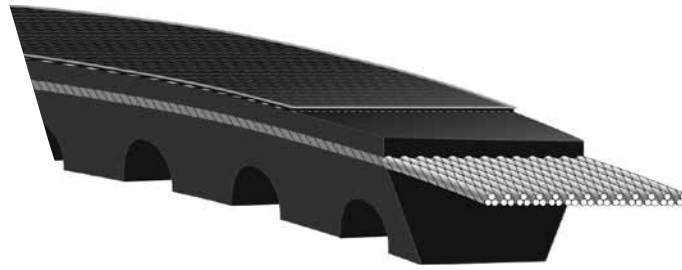
## 89

Instapower	Instapower	Instapower	Instapower	Instapower	Instapower	Instapower	Instapower
89002	89105	89207	89215	89223	89231	89239	89247
89003	89106	89208	89216	89224	89232	89240	89248
89007	89201	89209	89217	89225	89233	89241	89249
89009	89202	89210	89218	89226	89234	89242	89250
89101	89203	89211	89219	89227	89235	89243	89251
89102	89204	89212	89220	89228	89236	89244	89253
89103	89205	89213	89221	89229	89237	89245	
89104	89206	89214	89222	89230	89238	89246	





# FHP



Part No: 4L 560  
 4L 0.50" Top Width  
 560 56.0" Nominal Outside Length  
 Cut-Edge, Molded Cog Construction Shown

V-BELT

## APPLICATIONS

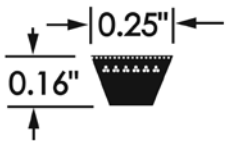
For light-duty fractional horsepower motors. Molded cogs allow for use in applications where the belt is expected to perform around smaller sheave diameters.

- Shop Equipment
- Home Appliances
- Light-Duty Machinery
- Blowers

## KEY FEATURES & BENEFITS

- Universal classical profile.
- Goodyear's engineered rubber cushion and insulation.
- Cut-edge, molded cogg construction.
- Oil, heat, ozone and abrasion resistant.

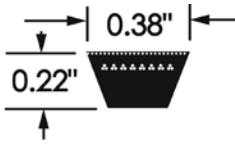
## 2L



Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)
2 L120	12	305	2 L190	19	483	2 L300	30	761
2 L140	14	356	2 L200	20	503	2 L310	31	787
2 L150	15	381	2 L220	22	559	2 L320	32	813
2 L160	16	406	2 L240	24	610			
2 L180	18	457	2 L260	26	660			

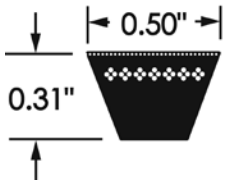
# FHP

## 3 L



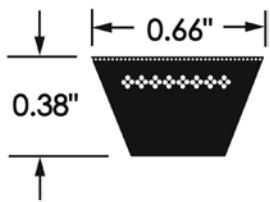
Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)
3 L120	12	305	3 L320	32	813	3 L530	-	1346
3 L130	13	330	3 L330	33	838	3 L540	-	1372
3 L140	14	356	3 L340	34	864	3 L550	-	1397
3 L150	15	381	3 L350	35	889	3 L560	-	1422
3 L160	16	406	3 L360	36	914	3 L570	-	1448
3 L170	17	432	3 L370	37	940	3 L580	-	1473
3 L180	18	457	3 L380	38	965	3 L590	-	1499
3 L190	19	483	3 L390	39	991	3 L600	-	1524
3 L200	20	508	3 L400	40	1016	3 L610	-	1549
3 L210	21	533	3 L420	-	1067	3 L620	-	1575
3 L220	22	559	3 L430	-	1092	3 L630	-	1600
3 L230	23	584	3 L440	-	1118	3 L640	-	1626
3 L240	24	610	3 L450	-	1143	3 L650	-	1651
3 L250	25	635	3 L460	-	1168	3 L660	-	1676
3 L260	26	660	3 L470	-	1194	3 L670	-	1702
3 L270	27	686	3 L480	-	1219	3 L690	-	1753
3 L280	28	711	3 L490	-	1245	3 L730	-	1854
3 L290	29	737	3 L500	-	1270	3 L740	-	1880
3 L300	30	762	3 L510	-	1295	3 L760	-	1930
3 L310	31	787	3 L520	-	1321			

## 4 L



Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)
4 L150	15	381	4 L330	33	838	4 L490	49	1245
4 L160	16	406	4 L340	34	864	4 L500	50	1270
4 L170	17	432	4 L350	35	889	4 L510	51	1295
4 L180	18	457	4 L360	36	914	4 L520	52	1321
4 L190	19	483	4 L370	37	940	4 L530	53	1346
4 L200	20	508	4 L380	38	969	4 L540	54	1372
4 L210	21	533	4 L390	39	991	4 L550	55	1397
4 L220	22	559	4 L400	40	1016	4 L560	56	1422
4 L230	23	584	4 L410	41	1041	4 L570	57	1448
4 L240	24	610	4 L420	42	1067	4 L580	58	1473
4 L250	25	635	4 L430	43	1092	4 L590	59	1499
4 L270	27	686	4 L440	44	1118	4 L600	60	1524
4 L280	28	711	4 L450	45	1143	4 L620	62	1575
4 L290	29	737	4 L460	46	1168			
4 L300	30	762	4 L470	47	1194			
4 L320	32	813	4 L480	48	1219			

## 5 L

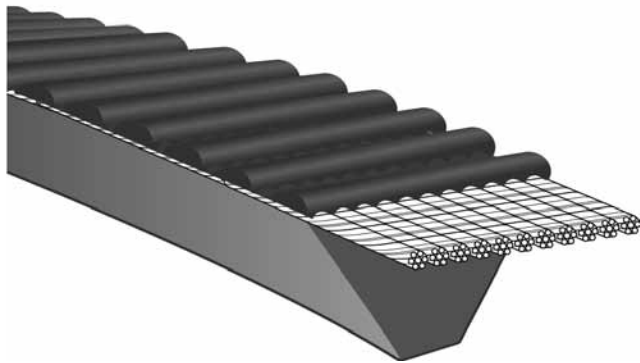


Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)	Belt reference	Outside length La (inch)	Outside length La (mm)
5 L230	23	584	5 L360	36	914	5 L490	49	1245
5 L240	24	610	5 L370	37	940	5 L500	50	1270
5 L250	25	635	5 L380	38	969	5 L510	51	1295
5 L260	26	660	5 L390	39	991	5 L520	52	1321
5 L270	27	686	5 L400	40	1016	5 L530	53	1346
5 L280	28	711	5 L410	41	1041	5 L540	54	1372
5 L290	29	737	5 L420	42	1067	5 L550	55	1397
5 L300	30	762	5 L430	43	1092	5 L560	56	1422
5 L310	31	787	5 L440	44	1118	5 L570	57	1448
5 L320	32	813	5 L450	45	1143	5 L580	58	1473
5 L330	33	838	5 L460	46	1168	5 L590	59	1499
5 L340	34	864	5 L470	47	1194	5 L600	60	1524
5 L350	35	889	5 L480	48	1219			

V - BELT



# NEOTHANE®



V - B E L T

Part No: 5M 710

5M 5 mm Top Width

710 710 mm Nominal Outside Length

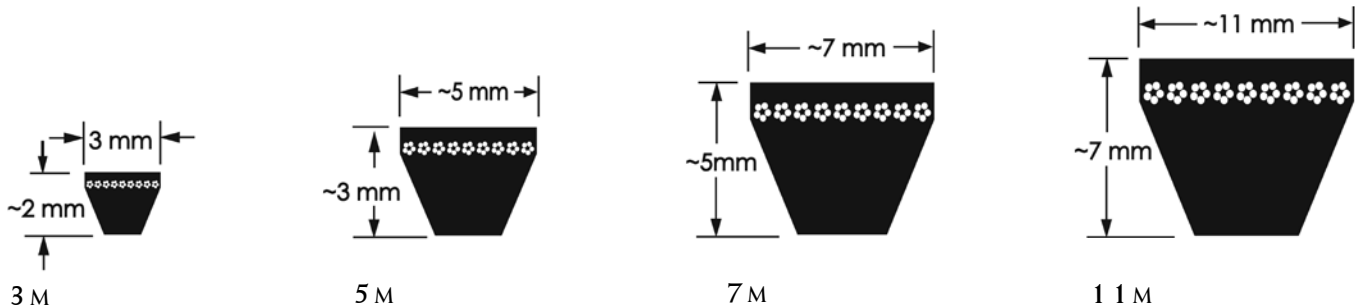
## APPLICATIONS

Specialty belt for specific types of machines and equipment.

- Machine Tools
- Appliances
- Computer Industry
- Blowers
- Woodworking Machines
- Medical Industry

## KEY FEATURES & BENEFITS

- Ribbed top for transverse rigidity, flexibility and cool running conditions.
- Narrow top width for use on narrow, small diameter sheaves and exceptional flexibility on short centers.
- Cords are resistant to elongation or shrinkage, provide great strength and long flex life.
- Polyurethane compounding for firmer grip, greater strength and high resistance to oil, heat, abrasion, ozone and fatigue.
- Smooth machine sides for quiet running, vibration-free operation and uniform grip.
- Sixty-degree angle cross section for uniform support that keeps the load carrying cord in the same plane pulling together.



Neothane belts available on request. Please contact Goodyear PTP marketing.

# NEOTHANE®

## 3M NOMINAL TOP WIDTH 3 MM

Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)
3M180	180	3M243	243	3M335	335	3M462	462	3M630	630
3M185	185	3M250	250	3M345	345	3M475	475	3M650	650
3M190	190	3M258	258	3M355	355	3M487	487	3M670	670
3M195	195	3M265	265	3M365	365	3M500	500	3M690	690
3M200	200	3M272	272	3M375	375	3M515	515	3M710	710
3M206	206	3M280	280	3M387	387	3M530	530	3M730	730
3M212	212	3M290	290	3M400	400	3M545	545	3M750	750
3M218	218	3M300	300	3M412	412	3M560	560		
3M224	224	3M307	307	3M425	425	3M580	580		
3M230	230	3M315	315	3M437	437	3M600	600		
3M236	236	3M325	325	3M450	450	3M615	651		

## 5M NOMINAL TOP WIDTH 5 MM

Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)
5M280	280	5M412	412	5M600	600	5M875	875	5M1250	1250
5M290	290	5M425	425	5M615	615	5M900	900	5M1280	1280
5M300	300	5M437	437	5M630	630	5M925	925	5M1320	1320
5M307	307	5M450	450	5M650	650	5M950	950	5M1360	1360
5M315	315	5M462	462	5M670	670	5M975	975	5M1400	1400
5M325	325	5M475	475	5M690	690	5M1000	1000	5M1450	1450
5M335	335	5M487	487	5M710	710	5M1030	1030	5M1500	1500
5M345	345	5M500	500	5M730	730	5M1060	1060	5M1600	1600
5M355	355	5M515	515	5M750	750	5M1090	1090	5M1650	1650
5M365	365	5M530	530	5M775	775	5M1120	1120	5M1850	1850
5M375	375	5M545	545	5M800	800	5M1150	1150		
5M387	387	5M560	560	5M825	825	5M1180	1180		
5M400	400	5M580	580	5M850	850	5M1220	1220		

## 7M NOMINAL TOP WIDTH 7 MM

Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)
7M500	500	7M690	690	7M950	950	7M1280	1280	7M1800	1800
7M515	515	7M710	710	7M975	975	7M1320	1320	7M1850	1850
7M530	530	7M730	730	7M1000	1000	7M1360	1360	7M1900	1900
7M545	545	7M750	750	7M1030	1030	7M1400	1400	7M1950	1950
7M560	560	7M775	775	7M1060	1060	7M1450	1450	7M2000	2000
7M580	580	7M800	800	7M1090	1090	7M1500	1500	7M2060	2060
7M600	600	7M825	825	7M1120	1120	7M1550	1550	7M2120	2120
7M615	615	7M850	850	7M1150	1150	7M1600	1600	7M2180	2180
7M630	630	7M875	875	7M1180	1180	7M1650	1650	7M2240	2240
7M650	650	7M900	900	7M1220	1220	7M1700	1700	7M2300	2300
7M670	670	7M925	925	7M1250	1250	7M1750	1750		

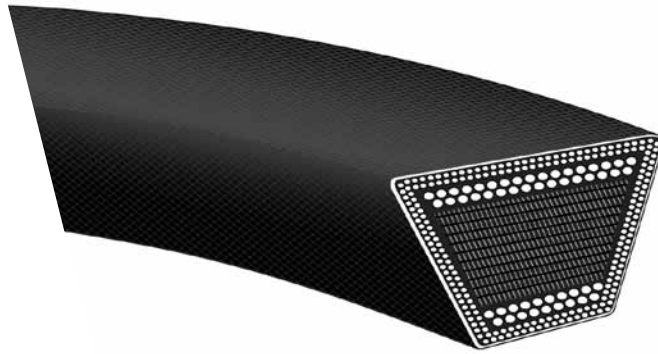
## 11M NOMINAL TOP WIDTH 11 MM

Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)	Belt reference	Eff. length Le (mm)
11M710	710	11M925	925	11M1180	1180	11M1550	1550	11M2000	2000
11M730	730	11M950	950	11M1220	1220	11M1600	1600	11M2060	2060
11M750	750	11M975	975	11M1250	1250	11M1650	1650	11M2120	2120
11M775	775	11M1000	1000	11M1280	1280	11M1700	1700	11M2180	2180
11M800	800	11M1030	1030	11M1320	1320	11M1750	1750	11M2240	2240
11M825	825	11M1060	1060	11M1360	1360	11M1800	1800	11M2300	2300
11M850	850	11M1090	1090	11M1400	1400	11M1850	1850		
11M875	875	11M1120	1120	11M1450	1450	11M1900	1900		
11M900	900	11M1150	1150	11M1500	1500	11M1950	1950		

V - BELT



# OPEN END V-BELTING



Part No: B - Open end  
B 17mm Top Width – Classical Profile  
Available Roll Lengths

V - B E L T

## APPLICATIONS

Ideal solution for temporary replacement in emergency situations or for long center drives. They can be used on all types of industrial applications.

## KEY FEATURES & BENEFITS

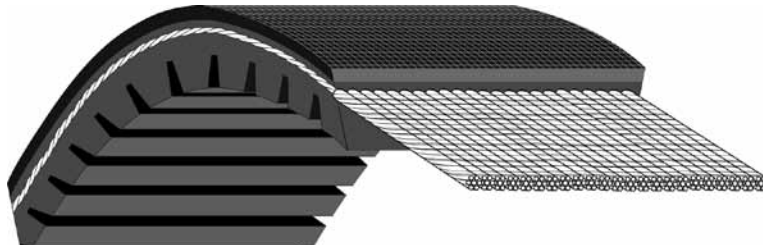
- Universal classical profile.
- Multiple-ply, square-woven fabric tension members.
- Oil, heat, ozone and abrasion resistant.
- Easy installation with spliced ends.
- Static conductive\*\* (ISO 1813).

\*\* Refer to Static Conductive Belts section (page 85).

Regular Construction	Cut Lengths
A Section	A Section
B Section	B Section
C Section	C Section
D Section	

Roll Lot: Either 75m (max. 2 pcs.) or 150m (max. 3 pcs.) approx. rolls.  
"D" section available only in 75m (max. 2 pcs.) approx. rolls.

# VARIABLE SPEED



Part No (RMA): 3226V585

- 32 32/16" Top Width
- 26 Angle of Sheave Groove
- V Variable Speed Profile -  
With Flexten Tensile Member
- 585 58.5" Pitch Length  
Molded Cog Construction Shown

Part No(ISO): 36x10(30)x1200

- 36 36 mm top width
- 10 10 mm height
- (30) 30° angle of belt
- 1200 1200 mm inside length

V - B E L T

## APPLICATIONS

For use on variable speed sheave drives requiring exact speed control and maximum range of speed changes. Ideal for recreational equipment, agricultural applications and machine tools.

- Exercise Equipment
- Automobiles
- Medical Equipment
- Power Equipment
- Farm Equipment
- Machine Tools

## KEY FEATURES & BENEFITS

- Durable variable speed profile.
- Super strong Flexten tensile members.
- Fiber-reinforced, latest compounded technology compression section.
- High-power capacity.
- Milled edge construction for superior dimensional stability.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30°C to +75°C.

If a static conductive belt is required, please contact Veyance Technologies Europe PTP marketing to ask about a specific part number.





# VARIABLE SPEED

## VARIABLE SPEED BELTS RMA

V - B E L T

Belt reference						
1228V255	1922V298	2026V607	2530V575	2926V706	3230V800	4430V930
1422V236	1922V302	2126V309	2530V595	2926V726	3230V1120	4430V950
1422V240	1922V321	2126V365	2530V600	2926V776	3230V1180	4430V970
1422V270	1922V332	2226V307	2530V610	2926V786	3236V369	4430V1000
1422V290	1922V338	2230V266	2530V630	2926V834	3236V389	4430V1030
1422V300	1922V363	2230V273	2530V660	2926V856	3236V432	4430V1060
1422V330	1922V381	2230V275	2530V670	2926V891	3326V478	4430V1090
1422V340	1922V386	2230V285	2530V690	2926V906	3430V424	4430V1120
1422V360	1922V403	2230V326	2530V700	2926V921	3430V476	4430V1150
1422V400	1922V417	2230V375	2530V730	2926V966	3430V493	4430V1180
1422V420	1922V426	2322V329	2530V750	2926V1006	3432V450	4430V1250
1422V440	1922V443	2322V347	2530V790	3030V387	3432V456	4430V1320
1422V460	1922V454	2322V364	2530V840	3226V392	3432V480	4430V1410
1422V466	1922V460	2322V384	2530V850	3226V395	3432V484	4430V1460
1422V470	1922V484	2322V396	2530V890	3226V400	3432V528	4436V525
1422V480	1922V526	2322V421	2530V934	3226V433	3432V534	4436V551
1422V540	1922V544	2322V434	2530V990	3226V439	3630V455	4436V646
1422V600	1922V604	2322V441	2530V1090	3226V450	3636V479	4630V650
1422V660	1922V630	2322V461	2626V369	3226V465	3726V558	4630V663
1422V720	1922V646	2322V481	2626V388	3226V505	3826V465	4630V733
1422V780	1922V666	2322V521	2630V345	3226V514	3830V510	4630V1070
1430V215	1922V686	2322V541	2630V395	3226V545	3830V517	4636V613
1430V315	1922V706	2322V601	2636V332	3226V585	3830V580	4830V602
1430V450	1922V721	2322V621	2822V778	3226V603	3830V587	4830V653
1430V500	1922V726	2322V661	2826V452	3226V650	3836V418	4830V699
1622V270	1922V751	2322V681	2830V337	3226V663	3836V426	4830V730
1622V336	1922V756	2322V701	2830V363	3226V723	3836V654	4830V750
1626V262	1922V806	2322V721	2830V366	3226V783	3836V794	4830V850
1626V290	1922V846	2322V801	2830V367	3226V843	4030V590	4830V970
1626V293	1922V891	2322V826	2830V393	3226V903	4036V541	4830V1070
1626V304	1922V966	2322V846	2830V396	3226V963	4036V574	4836V618
1626V330	1922V1146	2322V886	2830V422	3226V1023	4230V556	4836V655
1626V339	1926V250	2322V921	2830V428	3226V1083	4230V605	4836V670
1626V380	1926V275	2322V1001	2836V343	3230V481	4230V653	4836V710
1626V384	1926V407	2322V1061	2836V350	3230H528	4430V510	4836V800
1626V395	1926V427	2326V310	2836V380	3230H546	4430V530	4836V850
1626V411	1930V366	2326V359	2926V366	3230H553	4430V548	5130V732
1626V428	1930V400	2330V273	2926V400	3230H570	4430V555	5130V787
1626V440	1930V425	2330V338	2926V426	3230H585	4430V560	5228V930
1626V455	1930V431	2426V343	2926V471	3230V600	4430V570	5230V662
1626V513	1930V450	2430V297	2926V477	3230H603	4430V578	5230V734
1626V517	1930V491	2430V302	2926V486	3230H613	4430V600	5230V867
1626V597	1930V500	2430V319	2926V491	3230H620	4430V610	5636V774
1626V604	1930V541	2430V345	2926V521	3230V621	4430V630	5830V756
1626V658	1930V560	2430V379	2926V534	3230HV626	4430V652	5836V737
1626V700	1930V591	2436V331	2926V546	3230V630	4430V660	6236V607
1628V210	1930V600	2526V314	2926V574	3230HV644	4430V750	6236V725
1628V315	1930V641	2528V370	2926V586	3230V670	4430V760	6236V762
1632V210	1930V691	2530V300	2926V606	3230HV685	4430V780	
1822V328	1930V750	2530V335	2926V616	3230HV702	4430V790	
1828V368	1930V991	2530V490	2926V636	3230V710	4430V800	
1922V256	1930V1091	2530V500	2926V646	3230HV723	4430V850	
1922V277	2026V422	2530V530	2926V666	3230V750	4430V900	
1922V282	2026V445	2530V550	2926V686	3230V771	4430V910	

# VARIABLE SPEED

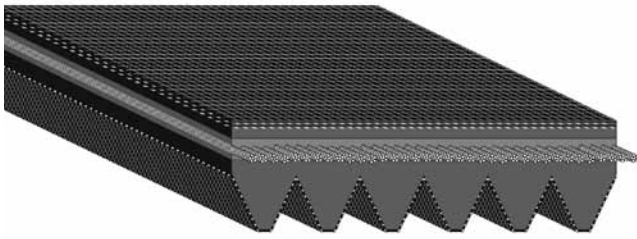
## VARIABLE SPEED BELTS ISO

Belt reference	Width (mm)	Height (mm)	Angle	Inside length Li (mm)	Belt reference	Width (mm)	Height (mm)	Angle	Inside length Li (mm)	Belt reference	Width (mm)	Height (mm)	Angle	Inside length Li (mm)
13 x 6 x 475	13	6	26°	475	28 x 8 x 1700	28	8	26°	1700	36 x 12 x 1250	36	12	30°	1250
13 x 6 x 500	13	6	26°	500	28 x 8 x 1800	28	8	26°	1800	36 x 12 x 1320	36	12	30°	1320
13 x 6 x 525	13	6	26°	525	28 x 8 x 1900	28	8	26°	1900	36 x 12 x 1400	36	12	30°	1400
13 x 6 x 550	13	6	26°	550	28 x 8 x 2120	28	8	26°	2120	36 x 12 x 1500	36	12	30°	1500
13 x 6 x 600	13	6	26°	600	28 x 10 x 650	28	10	26°	650	36 x 12 x 1800	36	12	30°	1800
13 x 6 x 700	13	6	26°	700	28 x 10 x 700	28	10	26°	700	36 x 12 x 1900	36	12	30°	1900
13 x 6 x 800	13	6	26°	800	28 x 10 x 750	28	10	26°	750	36 x 12 x 2000	36	12	30°	2000
13 x 6 x 850	13	6	26°	850	28 x 10 x 800	28	10	26°	800	36 x 12 x 2360	36	12	30°	2360
13 x 6 x 900	13	6	26°	900	28 x 10 x 850	28	10	26°	850	46 x 12 x 850	46	12	30°	850
13 x 6 x 950	13	6	26°	950	28 x 10 x 900	28	10	26°	900	46 x 12 x 900	46	12	30°	900
13 x 6 x 1120	13	6	26°	1120	28 x 10 x 950	28	10	26°	950	46 x 12 x 950	46	12	30°	950
13 x 6 x 1180	13	6	26°	1180	28 x 10 x 1000	28	10	26°	1000	46 x 12 x 1000	46	12	30°	1000
13 x 6 x 1250	13	6	26°	1250	28 x 10 x 1060	28	10	26°	1060	46 x 12 x 1060	46	12	30°	1060
13 x 6 x 1500	13	6	26°	1500	28 x 10 x 1120	28	10	26°	1120	46 x 12 x 1120	46	12	30°	1120
22 x 8 x 500	22	8	26°	500	28 x 10 x 1180	28	10	26°	1180	46 x 12 x 1180	46	12	30°	1180
22 x 8 x 525	22	8	26°	525	28 x 10 x 1200	28	10	26°	1200	46 x 12 x 1200	46	12	30°	1200
22 x 8 x 550	22	8	26°	550	28 x 10 x 1250	28	10	26°	1250	46 x 12 x 1250	46	12	30°	1250
22 x 8 x 575	22	8	26°	575	28 x 10 x 1320	28	10	26°	1320	46 x 12 x 1320	46	12	30°	1320
22 x 8 x 600	22	8	26°	600	28 x 10 x 1400	28	10	26°	1400	46 x 12 x 1400	46	12	30°	1400
22 x 8 x 625	22	8	26°	625	28 x 10 x 1500	28	10	26°	1500	46 x 12 x 1500	46	12	30°	1500
22 x 8 x 650	22	8	26°	650	28 x 10 x 1600	28	10	26°	1600	46 x 12 x 1600	46	12	30°	1600
22 x 8 x 675	22	8	26°	675	28 x 10 x 1700	28	10	26°	1700	46 x 12 x 1700	46	12	30°	1700
22 x 8 x 700	22	8	26°	700	28 x 10 x 1900	28	10	26°	1900	46 x 12 x 1800	46	12	30°	1800
22 x 8 x 725	22	8	26°	725	28 x 10 x 2000	28	10	26°	2000	46 x 12 x 1900	46	12	30°	1900
22 x 8 x 750	22	8	26°	750	36 x 10 x 600	36	10	30°	600	46 x 12 x 2000	46	12	30°	2000
22 x 8 x 775	22	8	26°	775	36 x 10 x 650	36	10	30°	650	46 x 12 x 2120	46	12	30°	2120
22 x 8 x 800	22	8	26°	800	36 x 10 x 675	36	10	30°	675	46 x 12 x 2240	46	12	30°	2240
22 x 8 x 850	22	8	26°	850	36 x 10 x 700	36	10	30°	700	46 x 13 x 1175	46	13	30°	1175
22 x 8 x 900	22	8	26°	900	36 x 10 x 725	36	10	30°	725	46 x 13 x 1395	46	13	30°	1395
22 x 8 x 950	22	8	26°	950	36 x 10 x 750	36	10	30°	750	46 x 13 x 1400	46	13	30°	1400
22 x 8 x 1000	22	8	26°	1000	36 x 10 x 775	36	10	30°	775	46 x 13 x 1495	46	13	30°	1495
22 x 8 x 1060	22	8	26°	1060	36 x 10 x 800	36	10	30°	800	46 x 14 x 1120	46	14	30°	1120
22 x 8 x 1120	22	8	26°	1120	36 x 10 x 850	36	10	30°	850	46 x 14 x 1180	46	14	30°	1180
22 x 8 x 1180	22	8	26°	1180	36 x 10 x 900	36	10	30°	900	46 x 14 x 1200	46	14	30°	1200
22 x 8 x 1200	22	8	26°	1200	36 x 10 x 950	36	10	30°	950	46 x 14 x 1250	46	14	30°	1250
22 x 8 x 1250	22	8	26°	1250	36 x 10 x 1000	36	10	30°	1000	46 x 14 x 1400	46	14	30°	1400
22 x 8 x 1320	22	8	26°	1320	36 x 10 x 1060	36	10	30°	1060	46 x 14 x 1500	46	14	30°	1500
22 x 8 x 1400	22	8	26°	1400	36 x 10 x 1120	36	10	30°	1120	46 x 14 x 1600	46	14	30°	1600
22 x 8 x 1500	22	8	26°	1500	36 x 10 x 1180	36	10	30°	1180	46 x 14 x 1700	46	14	30°	1700
28 x 8 x 525	28	8	26°	525	36 x 10 x 1250	36	10	30°	1250	46 x 14 x 1900	46	14	30°	1900
28 x 8 x 550	28	8	26°	550	36 x 10 x 1320	36	10	30°	1320	46 x 14 x 2000	46	14	30°	2000
28 x 8 x 600	28	8	26°	600	36 x 10 x 1400	36	10	30°	1400	46 x 14 x 2360	46	14	30°	2360
28 x 8 x 625	28	8	26°	625	36 x 10 x 1500	36	10	30°	1500	46 x 14 x 2500	46	14	30°	2500
28 x 8 x 650	28	8	26°	650	36 x 10 x 1600	36	10	30°	1600	54 x 16 x 1250	54	16	30°	1250
28 x 8 x 675	28	8	26°	675	36 x 10 x 1700	36	10	30°	1700	54 x 16 x 1320	54	16	30°	1320
28 x 8 x 700	28	8	26°	700	36 x 10 x 1800	36	10	30°	1800	54 x 16 x 1400	54	16	30°	1400
28 x 8 x 725	28	8	26°	725	36 x 10 x 1900	36	10	30°	1900	54 x 16 x 1500	54	16	30°	1500
28 x 8 x 750	28	8	26°	750	36 x 10 x 2000	36	10	30°	2000	54 x 16 x 1700	54	16	30°	1700
28 x 8 x 800	28	8	26°	800	36 x 10 x 2120	36	10	30°	2120	54 x 16 x 1800	54	16	30°	1800
28 x 8 x 850	28	8	26°	850	36 x 10 x 2240	36	10	30°	2240	54 x 16 x 1900	54	16	30°	1900
28 x 8 x 900	28	8	26°	900	36 x 12 x 600	36	12	30°	600	54 x 16 x 2000	54	16	30°	2000
28 x 8 x 950	28	8	26°	950	36 x 12 x 625	36	12	30°	625	54 x 16 x 2120	54	16	30°	2120
28 x 8 x 1000	28	8	26°	1000	36 x 12 x 650	36	12	30°	650	54 x 16 x 2240	54	16	30°	2240
28 x 8 x 1060	28	8	26°	1060	36 x 12 x 725	36	12	30°	725	54 x 16 x 2360	54	16	30°	2360
28 x 8 x 1120	28	8	26°	1120	36 x 12 x 750	36	12	30°	750	70 x 20 x 1400	70	20	30°	1400
28 x 8 x 1180	28	8	26°	1180	36 x 12 x 800	36	12	30°	800	70 x 20 x 1500	70	20	30°	1500
28 x 8 x 1250	28	8	26°	1250	36 x 12 x 850	36	12	30°	850	70 x 20 x 2000	70	20	30°	2000
28 x 8 x 1320	28	8	26°	1320	36 x 12 x 900	36	12	30°	900	70 x 20 x 2120	70	20	30°	2120
28 x 8 x 1400	28	8	26°	1400	36 x 12 x 950	36	12	30°	950	70 x 20 x 2240	70	20	30°	2240
28 x 8 x 1500	28	8	26°	1500	36 x 12 x 1000	36	12	30°	1000					
28 x 8 x 1600	28	8	26°	1600	36 x 12 x 1060	36	12	30°	1060					

V - BELT



# POLY-V



Part No (Metric): 6PJ457  
 457 457 mm Effective Length  
 PJ J Section Poly-V  
 6 6 Ribs

Part No (Imperial): 180J6  
 180 18.0" Effective Length  
 J J Section Poly-V  
 6 6 Ribs

POLY-V

## ONE BELT THAT CAN DO THE WORK OF MANY

The Poly-V belt is a single, endless belt with longitudinal V-shaped ribs that mate perfectly with the V-grooves in the sheaves. It combines the convenience of a thin, one-piece flat belt with the strong gripping traction of multiple V-belts to make the Poly-V belt far better than either for many applications.

## ONE CONTINUOUS TENSION MEMBER FOR MATCHLESS PERFORMANCE

To distribute the drive load evenly across the full width of the sheave, the Poly-V belt is built as a single unit with a completely supported, uninterrupted tension member. There is no matching problem. No separate belts to turn over, grab, slip or interfere with each other.

The thin cross section profile allows use of smaller pulleys than standard V-belts, and Poly-V belts handle speed ratios of 40:1.

With all this capacity, the Poly-V belt tracks properly without special guides, flanges, crowns or deep grooves. And it resists seating in the grooves, so speed ratios remain more consistent and output speed remains more uniform.

## MORE POWER IN LESS SPACE

Continuous engagement with the sheave driving surface gives you greater power capacity per width. In addition, wasted space between separate V-belts is eliminated and converted into narrower, shallower grooves. These provide substantially greater contact area for stronger and more uniform traction.

### APPLICATIONS

For small sheave compact designs requiring limited vibration. Ideal for high-speed ratio drives with short center distances.

- Exercise Equipment
- Automobiles
- Medical Equipment
- Power Equipment
- Farm Equipment
- Machine Tools

### KEY FEATURES & BENEFITS

- Multiple V-ribbed profile provides friction and wedge advantages.
- High-grade engineered rubber.
- Strong Vytacord tensile member.
- Oil, heat, ozone and abrasion resistant.
- Static conductive\*\* (ISO 1813).
- Length tolerances (ISO 9982).

\*\* Refer to Static Conductive Belts section (page 85).

## LONGER BELT & SHEAVE LIFE

Complete support of the tension member, combined with full and uniform engagement with the sheave grooves, eliminates differential driving and equalizes belt stresses. That, in turn, minimizes belt elongation and leads to significantly longer flex life.

Even distribution of stress on the belt also reduces differential loading and wear on sheaves. It's not unusual for Poly-V belt sheaves to last significantly longer than standard V-belt sheaves and to experience lower maintenance requirements during this longer life.

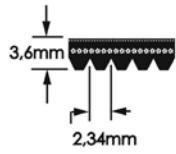
## IMPROVE DRIVE DESIGN WHILE YOU REDUCE DRIVE COST

The combination of high-power capacity and low-profile design means the Poly-V drive can improve the drive design while lowering drive costs.

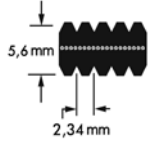
Poly-V belts allow narrower mounting clearances, need less center distance adjustment and require less take-up for tensioning. Additionally, they allow the use of sheaves that are narrower in width and smaller in diameter without sacrificing power capacity. Smaller, narrower sheaves mean a reduction in weight so more of the drive gets to the load for increased efficiency.

# POLY-V

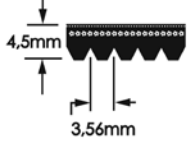
## J SECTION



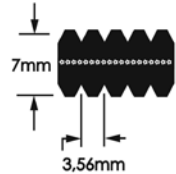
## DJ SECTION



## K SECTION

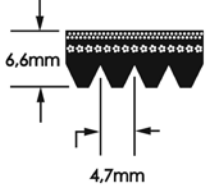


## DK SECTION

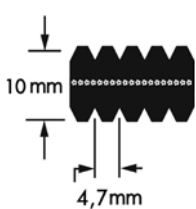


Available on request.

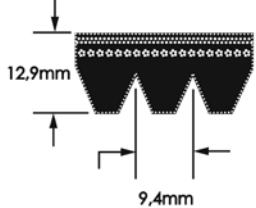
## L SECTION



## DL SECTION



## M SECTION



Cut belts available on request.  
 Veyance Technologies Europe reserves the right to change number of ribs. Please contact Veyance Technologies Europe PTP marketing.

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
130J	PJ330	200	330J	PJ838	165	550J	PJ1397	165
140J	PJ356	200	340J	PJ864	165	560J	PJ1422	165
150J	PJ381	200	350J	PJ889	165	575J	PJ1461	165
160J	PJ406	200	360J	PJ914	165	580J	PJ1473	165
170J	PJ432	200	376J	PJ955	165	610J	PJ1549	165
180J	PJ457	200	380J	PJ965	165	650J	PJ1651	165
190J	PJ483	200	400J	PJ1016	165	655J	PJ1663	165
200J	PJ508	165	415J	PJ1054	165	690J	PJ1753	165
220J	PJ559	165	430J	PJ1092	165	730J	PJ1854	165
230J	PJ584	165	450J	PJ1143	165	770J	PJ1956	165
240J	PJ610	165	460J	PJ1168	165	785J	PJ1994	165
260J	PJ660	165	470J	PJ1194	165	795J	PJ2019	165
270J	PJ686	165	480J	PJ1219	165	820J	PJ2083	165
280J	PJ711	165	490J	PJ1245	165	870J	PJ2210	165
285J	PJ723	165	500J	PJ1270	165	920J	PJ2337	165
290J	PJ737	165	510J	PJ1295	165	980J	PJ2489	165
300J	PJ762	165	520J	PJ1321	165			
320J	PJ813	165	530J	PJ1346	165			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
248K	PK630	108	407K	PK1035	108	669K	PK1700	108
256K	PK650	108	417K	PK1060	108	679K	PK1725	108
266K	PK675	108	425K	PK1080	108	691K	PK1755	108
276K	PK700	108	451K	PK1145	108	709K	PK1800	108
287K	PK730	108	459K	PK1165	108	732K	PK1860	108
297K	PK755	108	472K	PK1200	108	742K	PK1885	108
305K	PK775	108	484K	PK1230	108	748K	PK1900	108
315K	PK800	108	512K	PK1300	108	780K	PK1980	108
327K	PK830	108	526K	PK1335	108	807K	PK2050	108
333K	PK845	108	545K	PK1385	108	819K	PK2080	108
343K	PK870	108	559K	PK1420	108	844K	PK2145	108
348K	PK885	108	575K	PK1460	108	880K	PK2235	108
364K	PK925	108	587K	PK1490	108	917K	PK2330	108
374K	PK950	108	598K	PK1520	108	980K	PK2490	108
382K	PK970	108	612K	PK1555	108	1006K	PK2555	108
394K	PK1000	108	634K	PK1610	108			
400K	PK1015	108	652K	PK1655	108			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
375L	PL953	82	710L	PL1803	82	1140L	PL2895	82
390L	PL991	82	725L	PL1842	82	1150L	PL2921	82
423L	PL1074	82	765L	PL1943	82	1180L	PL2997	100
425L	PL1080	82	770L	PL1956	82	1215L	PL3086	68
470L	PL1194	82	780L	PL1981	82	1230L	PL3124	68
500L	PL1270	82	795L	PL2019	82	1295L	PL3289	68
520L	PL1321	82	815L	PL2070	82	1310L	PL3327	68
525L	PL1334	82	825L	PL2096	82	1375L	PL3492	68
540L	PL1372	82	840L	PL2134	82	1455L	PL3696	68
550L	PL1397	82	865L	PL2197	82	1595L	PL4051	68
560L	PL1422	82	880L	PL2235	82	1650L	PL4191	68
565L	PL1435	82	915L	PL2324	82	1760L	PL4470	68
580L	PL1473	82	930L	PL2362	82	1820L	PL4622	68
615L	PL1562	82	975L	PL2477	82	1980L	PL5029	68
635L	PL1613	82	990L	PL2515	82	2120L	PL5385	68
655L	PL1664	82	1065L	PL2705	82	2400L	PL6096	68
675L	PL1715	82	1080L	PL2743	82			
695L	PL1765	82	1120L	PL2845	82			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
900M	PM2286	41	1470M	PM3734	33	3310M	PM8408	33
940M	PM2388	41	1610M	PM4089	33	3610M	PM9169	33
990M	PM2515	41	1650M	PM4191	33	3910M	PM9931	45
1060M	PM2693	41	1760M	PM4470	33	4210M	PM10693	45
1115M	PM2832	41	1830M	PM4648	33	4810M	PM12217	45
1150M	PM2921	41	1980M	PM5029	33	5410M	PM13741	45
1185M	PM3010	33	2130M	PM5410	33	6010M	PM15266	45
1230M	PM3124	33	2410M	PM6121	33	6600M	PM16784	45
1310M	PM3327	33	2710M	PM6883	33			
1390M	PM3531	33	3010M	PM7646	33			

POLY-V



# BANDED BELTS

Because of their banded or joined construction, these belts tend to prevent rollover and reduce vibration tendencies. Banded belts are usually better suited to unusual drive situations than are matched belt sets. They are available in the classical cross sections (B, C & D), narrow cross sections

Because of their banded or joined construction, these belts tend to prevent rollover and reduce vibration tendencies. Banded belts are usually better suited to unusual drive situations than are matched belt sets. They are available in the classical cross sections (B, C & D), narrow cross sections (SPZ, SPA, SPB & SPC) and (3V, 5V & 8V).

## CLASSICAL & NARROW BANDED V-BELTS

Typical applications for banded V-belts include vertical shaft drives, clutching drives and V-flat drives. (V-flat drives are where the inside of the belt drives a flat pulley on the slower speed shaft.)

Banded V-belts are recommended for use where belt vibration or belt whip causes unsatisfactory results when conventional multiple V-belts are used. Such situations are not uncommon on drives with a combination of long belt spans and/or pulsating loads as created by an internal combustion engine or reciprocating pumps and compressors. In such cases, belt whip may

become so severe that belts interface with each other and turn over in the grooves or even jump out of the grooves. Banded V-belts eliminate such problems.

Another advantage of banded V-belts is the considerable degree of design flexibility they can provide since they operate just as effectively when they, in turn, are used as match sets. A two-belt unit for example, has sufficient lateral rigidity so as to not interface with the units in adjacent grooves.

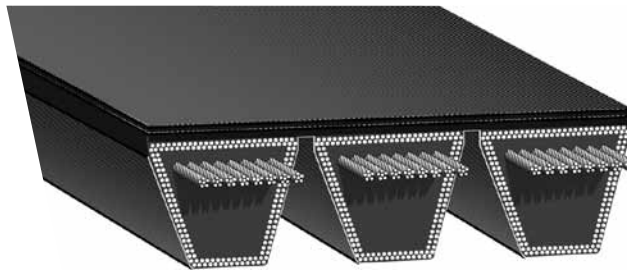
## TORQUE TEAM PLUS® (FLEXTEN®-REINFORCED BANDED V-BELTS)

These belts are available for low-speed, high-power applications which were previously considered to be in the domain of chain or gears. Flexten-reinforced Torque Team Plus 5V and 8V

banded belts are ideally suited to handle many of the applications that have been reserved for chain or gears.

B  
A  
N  
D  
E  
D

# HY-T<sup>®</sup> WEDGE TORQUE TEAM<sup>®</sup> (RMA)



Part No: 3/8V1900

3/ Ribs Joined Construction  
 8V 1.00" Top Width – Narrow Profile Rib  
 1900 190.0" Nominal Outside effective Length  
 Single Envelope Ply on 5Vs  
 2 Envelope Plies on 8Vs  
 Envelope Uncogged Construction Shown

BANDED

## APPLICATIONS

For shock load applications. Ideal for pulsating loads, high capacity drives and for short-center, heavy-duty drives.

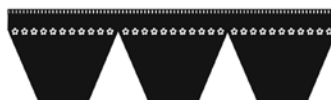
## KEY FEATURES & BENEFITS

- Narrow profile ribs provide savings through efficiency.
- Joined construction for problem drives.
- Strong Vytacord tensile members.
- Tough fabric backing.
- Oil, heat, ozone and abrasion resistant.
- Available in raw edge construction up to 118" length or envelope construction from 125" length.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

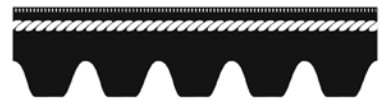
\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).



ENVELOPE  
CROSS SECTION



CUT EDGE  
CROSS SECTION



CUT EDGE  
SIDE VIEW





# HY-T® WEDGE TORQUE TEAM® (RMA)

## 3 VX/3 V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
3VX 250	635	3VX 400	1015	3VX 630	1600	3VX 1000	2540
3VX 265	675	3VX 425	1080	3VX 670	1700	3VX 1060	2690
3VX 280	710	3VX 450	1145	3VX 710	1805	3VX 1120	2845
3VX 300	760	3VX 475	1205	3VX 750	1905	3VX 1180	2995
3VX 315	800	3VX 500	1270	3VX 800	2030	3V 1250	3175
3VX 335	850	3VX 530	1345	3VX 850	2160	3V 1320	3355
3VX 355	900	3VX 560	1420	3VX 900	2285	3V 1400	3555
3VX 375	955	3VX 600	1525	3VX 950	2415		

BANDED

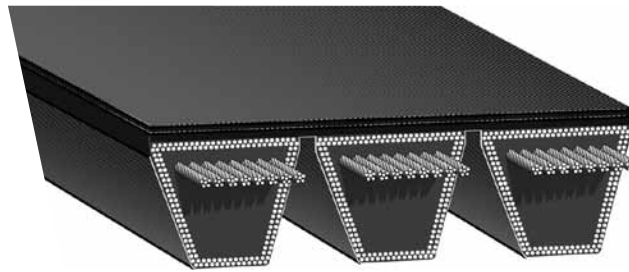
## 5 VX/5 V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
5VX 500	1270	5VX 850	2160	5V 1400	3555	5V 2360	5995
5VX 530	1345	5VX 900	2285	5V 1500	3810	5V 2500	6350
5VX 560	1420	5VX 950	2415	5V 1600	4065	5V 2650	6730
5VX 600	1525	5VX 1000	2540	5V 1700	4320	5V 2800	7110
5VX 630	1600	5VX 1060	2690	5V 1800	4570	5V 3000	7620
5VX 670	1700	5VX 1120	2845	5V 1900	4825	5V 3150	8000
5VX 710	1805	5VX 1180	2995	5V 2000	5080	5V 3350	8510
5VX 750	1905	5V 1250	3175	5V 2120	5385	5V 3550	9015
5VX 800	2030	5V 1320	3355	5V 2240	5690		

## 8 V

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
8V 1000	2540	8V 1600	4065	8V 2500	6350	8V 4000	10160
8V 1060	2690	8V 1700	4320	8V 2650	6730	8V 4250	10795
8V 1120	2845	8V 1800	4570	8V 2800	7110	8V 4500	11430
8V 1180	2995	8V 1900	4825	8V 3000	7620	8V 4750	12065
8V 1250	3175	8V 2000	5080	8V 3150	8000	8V 5000	12700
8V 1320	3355	8V 2120	5385	8V 3350	8510	8V 5600	14224
8V 1400	3555	8V 2240	5690	8V 3550	9015	8V 6000	15240
8V 1500	3810	8V 2360	5995	8V 3750	9525		

# TORQUE TEAM® WEDGE (ISO)



Part No: 3/SPB 3150  
 3/ Ribs Joined Construction  
 SPB 16 mm Top Width  
 3150 3150 mm Datum Length  
 Envelope Uncogged Construction Shown

## APPLICATIONS

For shock load applications. Ideal for pulsating loads, high capacity drives and for short-center, heavy-duty drives.

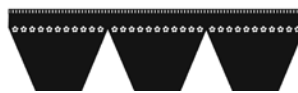
## KEY FEATURES & BENEFITS

- Narrow profile ribs provide savings through efficiency.
- Joined construction for problem drives.
- Strong Vytacord tensile members.
- Tough fabric backing.
- Oil, heat, ozone and abrasion resistant.
- Available in raw edge up to 3050mm length and envelope construction from 3060mm length.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

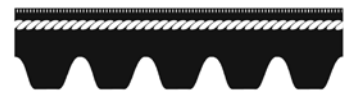
\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).



ENVELOPE  
CROSS SECTION



CUT EDGE  
CROSS SECTION



CUT EDGE  
SIDE VIEW

BANDED



# TORQUE TEAM® WEDGE (ISO)

## XPZ

Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)
XPZ 1250	29	350	XPZ 1800	29	350	XPZ 2360	29	350
XPZ 1400	29	350	XPZ 1900	29	350	XPZ 2500	29	350
XPZ 1500	29	350	XPZ 2000	29	350	XPZ 2650	29	350
XPZ 1600	29	350	XPZ 2120	29	350	XPZ 2800	29	350
XPZ 1700	29	350	XPZ 2240	29	350	XPZ 3000	39	470

## XPA/SPA

BANDED

Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)
XPA 1250	23	345	XPA 2120	23	350	SPA 3350	18	270
XPA 1400	23	345	XPA 2240	23	350	SPA 3550	18	270
XPA 1500	23	345	XPA 2360	23	350	SPA 3750	18	270
XPA 1600	23	345	XPA 2500	23	350	SPA 4000	18	270
XPA 1700	23	345	XPA 2650	23	350	SPA 4250	18	270
XPA 1800	23	345	XPA 2800	23	350	SPA 4500	18	270
XPA 1900	23	345	XPA 3000	31	465			
XPA 2000	23	345	SPA 3150	18	270			

## XPB/SPB

Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)
XPB 2000	18	345	SPB 3350	19	365	SPB 5600	19	365
XPB 2120	18	345	SPB 3550	19	365	SPB 6000	19	365
XPB 2240	18	345	SPB 3750	19	365	SPB 6300	19	365
XPB 2360	18	345	SPB 4000	19	365	SPB 6700	19	365
XPB 2500	18	345	SPB 4250	19	365	SPB 7100	19	365
XPB 2650	18	345	SPB 4500	19	365	SPB 7500	19	365
XPB 2800	18	345	SPB 4750	19	365	SPB 8000	19	365
XPB 3000	24	455	SPB 5000	19	365			
SPB 3150	19	365	SPB 5300	19	365			

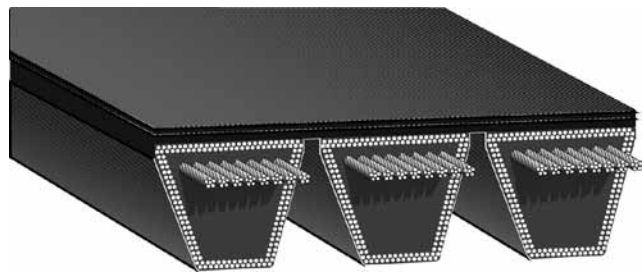
## XPC/SPC

Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)	Belt reference	No. Belts per sleeve	Width of sleeve (mm)
XPC 3000	18	460	SPC 5000	14	360	SPC 8500	14	360
SPC 3150	14	360	SPC 5300	14	360	SPC 9000	14	360
SPC 3350	14	360	SPC 5600	14	360	SPC 9500	14	360
SPC 3550	14	360	SPC 6000	14	360	SPC 10000	15	385
SPC 3750	14	360	SPC 6300	14	360	SPC 11200	15	385
SPC 4000	14	360	SPC 6700	14	360	SPC 11800	15	385
SPC 4250	14	360	SPC 7100	14	360	SPC 12500	15	385
SPC 4500	14	360	SPC 7500	14	360			
SPC 4750	14	360	SPC 8000	14	360			

Cut belts available on request.

Veyance Technologies Europe reserves the right to change number of ribs. Please contact Veyance Technologies Europe PTP marketing.

# TORQUE TEAM PLUS® (RMA)



Part No: 3/5VF 2000

- 3/ 3 Ribs Joined Construction
- 5V 0.62" Top Width – Narrow Profile Rib
- F Torque Team Plus With Flexten Tensile Member
- 2000 200.0" Nominal Outside Length  
Single Envelope Ply on 5Vs,  
2 Envelope Plies on 8Vs



5VF & 8VF CROSS SECTION VIEW

## APPLICATIONS

Ultimate upgrade belt; for all heavy-duty industrial machinery and equipment. Ideal for operation in harsh elements on the toughest high power drives.

- Crushers
- Screens
- Saws
- Lathes
- Sanders
- Dryers
- Blow Tanks
- Chain Drives
- Washers

## KEY FEATURES & BENEFITS

- Narrow profile ribs provide savings through efficiency.
- Joined construction for problem drives.
- Up to 50% more power capacity.
- High-strength Flexten tensile members.
- Oil, heat, ozone and abrasion resistant.
- Static conductive\*\* (ISO 1813).

\*\* Refer to Static Conductive Belts section (page 85).

## 5VF

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
5VF 900	2285	5VF 1320	3355	5VF 2000	5080	5VF 3000	7620
5VF 950	2415	5VF 1400	3555	5VF 2120	5385	5VF 3150	8000
5VF 1000	2540	5VF 1500	3810	5VF 2240	5690	5VF 3350	8510
5VF 1060	2690	5VF 1600	4065	5VF 2360	5995	5VF 3550	9015
5VF 1120	2845	5VF 1700	4320	5VF 2500	6350		
5VF 1180	2995	5VF 1800	4570	5VF 2650	6730		
5VF 1250	3175	5VF 1900	4825	5VF 2800	7110		

5VF: All in envelope construction.

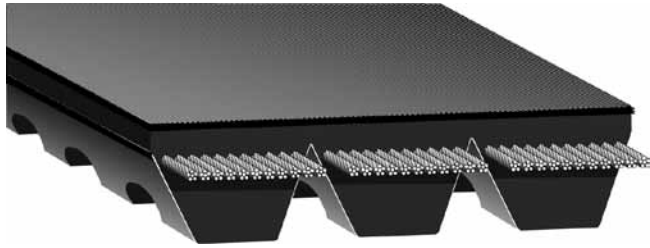
## 8VF

Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)	Belt reference	Effective length Le (mm)
8VF 1250	3175	8VF 1900	4825	8VF 2800	7110	8VF 4250	10795
8VF 1320	3355	8VF 2000	5080	8VF 3000	7620	8VF 4500	11430
8VF 1400	3555	8VF 2120	5385	8VF 3150	8000	8VF 4750	12065
8VF 1500	3810	8VF 2240	5690	8VF 3350	8510	8VF 5000	12700
8VF 1600	4065	8VF 2360	5995	8VF 3550	9015	8VF 5600	14225
8VF 1700	4320	8VF 2500	6350	8VF 3750	9525	8VF 6000	15240
8VF 1800	4570	8VF 2650	6730	8VF 4000	10160		

8VF: All in envelope construction.



# HY-T<sup>®</sup> TORQUE TEAM<sup>®</sup> (CLASSICAL)



## APPLICATIONS

For shock load applications. Ideal for pulsating loads, high-capacity drives and short center heavy-duty drives.

## KEY FEATURES & BENEFITS

- Classical profile ribs.
- Joined construction for problem drives.
- High-strength Vytacord tensile members.
- Available in cut-edge (up to 112") or envelope construction (from 120" length) with Plioflex cushion.
- Tough fabric backing.
- Oil, heat, ozone and abrasion resistant.
- Matchmaker\* to eliminate mismatch.
- Static conductive\*\* (ISO 1813).

\* Refer to Goodyear Engineered Products Matchmaker System (page 84).  
 \*\* Refer to Static Conductive Belts section (page 85).

Part No: 3/BX 112  
 3/ 3 Ribs Joined Construction  
 B 17 mm Top Width – Classical Profile Rib  
 X Premium Cogged Construction  
 112 Approximate 112" Inside Length  
 Cut-Edge,  
 Molded Cog Construction Shown

BANDED



ENVELOPE  
CROSS SECTION



CUT-EDGE  
CROSS SECTION



CUT-EDGE  
SIDE VIEW

## BX/B

Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
BX35	935	BX62	1621	BX82	2129	B124	3195
BX38	1011	BX63	1646	BX83	2154	B128	3297
BX42	1113	BX64	1671	BX85	2205	B133	3424
BX43	1138	BX65	1697	BX87	2256	B136	3500
BX46	1214	BX66	1722	BX88	2281	B144	3780
BX48	1265	BX67	1748	BX90	2332	B148	3805
BX50	1316	BX68	1773	BX93	2408	B158	4059
BX51	1341	BX70	1824	BX94	2434	B162	4161
BX52	1367	BX71	1849	BX95	2459	B173	4440
BX53	1392	BX72	1875	BX96	2484	B180	4618
BX54	1417	BX73	1900	BX97	2510	B195	4999
BX55	1443	BX74	1925	BX99	2560	B210	5380
BX56	1468	BX75	1951	BX100	2586	B225	5723
BX57	1494	BX77	2002	BX103	2662	B240	6104
BX58	1519	BX78	2027	BX105	2713	B255	6485
BX59	1544	BX79	2052	BX108	2789	B270	6866
BX60	1570	BX80	2078	BX112	2891	B300	7628
BX61	1595	BX81	2103	B120	3094	B315	8009

# HY-T<sup>®</sup> TORQUE TEAM<sup>®</sup> (CLASSICAL)

## CX/C

Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
CX60	1598	CX105	2741	C158	4087	C270	6881
CX68	1801	CX108	2817	C162	4188	C285	7262
CX75	1979	CX109	2842	C173	4468	C300	7643
CX81	2131	CX112	2918	C180	4646	C315	8024
CX85	2233	C120	3122	C195	5027	C330	8405
CX90	2360	C124	3223	C210	5408	C345	8786
CX96	2512	C128	3325	C225	5738	C360	9167
CX99	2588	C136	3528	C240	6119	C390	9929
CX100	2614	C144	3731	C255	6500	C420	10688

## D

Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)	Belt reference	Pitch length Lp (mm)
D120	3132	D210	5418	D315	8021	D480	12212
D144	3741	D225	5735	D330	8402	D540	13736
D158	4097	D240	6116	D345	8783	D600	15260
D162	4200	D255	6497	D360	9164	D660	16784
D173	4478	D270	6878	D390	9926		
D180	4656	D285	7259	D420	10688		
D195	5037	D300	7640	D450	11450		

BANDED





# SYNCHRONOUS BELTS

## GOODYEAR synchronous drive products

Synchronous, or Positive Drive, Belts are the latest concept in power transmission belting evolution. These belts combine the advantages of chain and gear with the advantages of V-belts, but without the limitations usually associated with these conventional types of drives. There is minimal elongation, no metal-to-metal contact and no constant lubrication. Synchronous belts are amazingly versatile with possible applications on drives up to 450kW and from speeds under 0,5 m/s to over 30 m/s.

Positive Drive, or Pd, is the term applied to our synchronous belts and their method of power transmission. As the name indicates, Positive Drive belts make possible power transmission that is efficient and accurate to a precise degree.

### THE EVOLUTION OF THE GOODYEAR

Veyance Technologies manufactures many distinctly different designs. Some are available as open-end constructions and some are available in dual-sided constructions.

**POSITIVE DRIVE Pd** is our trademark line of trapezoidal tooth profile synchronous belts. These belts were the first profile types developed in the continual evolution of synchronous drive belts. This Positive Drive product line includes a selection of MXL, XL, L, H, XH, XXH. Trapezoidal belts make an excellent means for transmitting power; however, time and technological advances have led to the more advanced product lines mentioned below.

**SUPER TORQUE Pd** represents the next evolution in synchronous drive belt development in the Goodyear Engineered Products line. The Super Torque Pd belt has a unique modified round tooth design that minimizes tooth shear and operates quieter than traditional trapezoidal tooth profiles. Super Torque tooth pitches include S2M, S3M, S4.5M, S5M, S8M, and S14M.

**HI-PERFORMANCE POSITIVE DRIVE PLUS (HPPD+)** with its strength and unique construction using our advanced compounding technology, is a line of curvilinear, synchronous belts that offers universal performance that stands alone. Designed to fit virtually every high-capacity synchronous application, HPPD+ belts fulfill existing drive requirements, matching industrial standards of belt width and length. HPPD+ belts are designed as Universal Profile Design (UPD). The UPD is a simple solution in satisfying the multitude of belt and sprocket combinations in the market. Take universal performance to a higher level with HPPD+.

**EAGLE NRG** Belts are a unique technological breakthrough. A patented H.O.T. (Helical Offset Tooth) design provides for

Positive Drive Belts also make possible important savings in weight, space and construction without the sacrifice of efficiency. They are adaptable to almost any type of power transmission drive from printers to heavy industrial milling machines and grinders.

Engineered and manufactured with extreme care with pitch, tooth depth, width and other measurements accurate to a precise degree, Positive Drive Belts are highly engineered products. The materials used in these remarkable belts consist of high-strength tension members, specially compounded rubber and proven synthetic fabrics. The belts are designed to eliminate excessive heat build-up and to operate efficiently.

### BELT LINE

continuous rolling tooth engagement, allowing the Eagle NRG System to run quieter with less vibration than any other synchronous belt available today. With specialized materials, Eagle NRG offers a much higher power and temperature rating than its predecessor, Eagle Pd. The use of a flangeless sprocket also ensures more compact, lighter drives with precision performance.

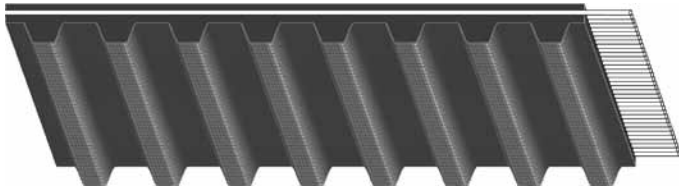
Eagle NRG Belts come in a wide variety of stock sizes with custom manufactured sizes being available for specialty drive requirements.

**FALCON HTC** is a synchronous belt designed to handle increased power, low torque applications. Falcon HTC belts feature a high-grade rubber compound. This blended compound handles temperatures much higher than common polyurethane belts used in similar applications. Also, it is formulated to resist tooth deformity and increase tooth rigidity, extending belt life and decreasing replacement costs. Falcon HTC belts also feature a patented cord treatment which provides excellent dimensional stability and high-impact strength. Falcon HTC belts can also be used in applications requiring backside idlers, allowing for greater flexibility in various applications. For ease of ordering, the Falcon HTC part number interchanges with the Gates counterpart belt, making replacement easy.

**BLACKHAWK Pd** and **WHITEHAWK Pd** are a high performance, curvilinear belts designed in UPD profile that offer maximum performance in your 8 mm and 14 mm synchronous applications. Maximize the performance of your timing belt application with Blackhawk or Whitehawk Pd, designed to deliver longer life and less maintenance.

SYNCHRONOUS

# POSITIVE DRIVE



Part No: 100 XL 025  
 100 10.0" Pitch Length  
 XL Pitch-Trapezoidal Tooth Profile  
 025 .25" Wide

## KEY FEATURES & BENEFITS

- Universal trapezoidal tooth profiles drop into existing sprockets.
- High-grade compounding.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Low-maintenance / high-efficiency rating.
- Length tolerances (ISO 5296-1).

## APPLICATIONS

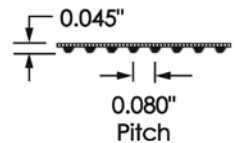
Nearly every conceivable industrial drive application where precise shaft synchronization is required. Positive Drive belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Office Equipment
- Chain Drives
- Machine Tools
- Packaging Machinery
- Farm Machinery
- Paper Industry Machinery
- Home Appliances
- Food Processing Equipment
- Textile Machinery
- Printing Trade Machinery
- Mining Equipment
- Woodworking Machinery

SYNCHRONOUS

## MXL (Mini Extra Light)

For small business machines, office equipment, electric equipment, etc.



Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 392 MXL	3,92	100	49	PD 704 MXL	7,04	179	88	PD 1056 MXL	10,56	268	132
PD 400 MXL	4,00	102	50	PD 720 MXL	7,20	183	90	PD 1120 MXL	11,20	284	140
PD 432 MXL	4,32	110	54	PD 776 MXL	7,76	197	97	PD 1200 MXL	12,00	305	150
PD 440 MXL	4,40	112	55	PD 800 MXL	8,00	203	100	PD 1240 MXL	12,40	315	155
PD 448 MXL	4,48	114	56	PD 816 MXL	8,16	207	102	PD 1280 MXL	12,80	325	160
PD 472 MXL	4,72	120	59	PD 824 MXL	8,24	209	103	PD 1400 MXL	14,00	356	175
PD 480 MXL	4,80	122	60	PD 840 MXL	8,40	213	105	PD 1472 MXL	14,72	374	184
PD 488 MXL	4,88	124	61	PD 848 MXL	8,48	215	106	PD 1624 MXL	16,24	412	203
PD 536 MXL	5,36	136	67	PD 864 MXL	8,64	219	108	PD 1680 MXL	16,80	427	210
PD 544 MXL	5,44	138	68	PD 872 MXL	8,72	221	109	PD 1888 MXL	18,88	480	236
PD 568 MXL	5,68	144	71	PD 880 MXL	8,80	224	110	PD 1992 MXL	19,92	506	249
PD 576 MXL	5,76	146	72	PD 896 MXL	8,96	228	112	PD 2000 MXL	20,00	508	250
PD 584 MXL	5,84	148	73	PD 912 MXL	9,12	232	114	PD 2008 MXL	20,08	510	251
PD 600 MXL	6,00	152	75	PD 944 MXL	9,44	240	118	PD 2048 MXL	20,48	520	256
PD 640 MXL	6,40	163	80	PD 960 MXL	9,60	244	120	PD 2400 MXL	24,00	610	300
PD 664 MXL	6,64	169	83	PD 976 MXL	9,76	248	122	PD 3984 MXL	39,84	1012	516
PD 672 MXL	6,72	171	84	PD 984 MXL	9,84	250	123	PD 4128 MXL	41,28	1049	516

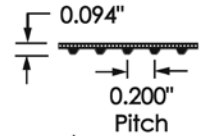
Cut belts widths: 1/8 inch = 012; 3/16 inch = 019; 1/4 inch = 025.

Sleeve: 13 inches = 1300.

Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.



# POSITIVE DRIVE



## XL (Extra Light)

For business machines, instruments, sound equipment, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 42 XL	4,20	107	21	PD 146 XL	14,60	371	73	PD 254 XL	25,40	645	127
PD 54 XL	5,40	137	27	PD 148 XL	14,80	376	74	PD 256 XL	25,60	650	128
PD 56 XL	5,60	142	28	PD 150 XL	15,00	381	75	PD 260 XL	26,00	660	130
PD 58 XL	5,80	147	29	PD 154 XL	15,40	391	77	PD 262 XL	26,20	665	131
PD 60 XL	6,00	152	30	PD 158 XL	15,80	401	79	PD 270 XL	27,00	686	135
PD 64 XL	6,40	163	32	PD 160 XL	16,00	406	80	PD 272 XL	27,20	691	136
PD 66 XL	6,60	168	33	PD 162 XL	16,20	411	81	PD 280 XL	28,00	711	140
PD 68 XL	6,80	173	34	PD 164 XL	16,40	417	82	PD 290 XL	29,00	737	145
PD 70 XL	7,00	178	35	PD 166 XL	16,60	422	83	PD 292 XL	29,20	742	146
PD 74 XL	7,40	188	37	PD 168 XL	16,80	427	84	PD 300 XL	30,00	762	150
PD 76 XL	7,60	193	38	PD 170 XL	17,00	432	85	PD 306 XL	30,60	777	153
PD 78 XL	7,80	198	39	PD 172 XL	17,20	437	86	PD 310 XL	31,00	787	155
PD 80 XL	8,00	203	40	PD 174 XL	17,40	442	87	PD 316 XL	31,60	803	158
PD 86 XL	8,60	218	43	PD 176 XL	17,60	447	88	PD 322 XL	32,20	818	161
PD 88 XL	8,80	224	44	PD 180 XL	18,00	457	90	PD 330 XL	33,00	838	165
PD 90 XL	9,00	229	45	PD 182 XL	18,20	462	91	PD 352 XL	35,20	894	176
PD 92 XL	9,20	234	46	PD 184 XL	18,40	467	92	PD 356 XL	35,60	904	178
PD 94 XL	9,40	239	47	PD 186 XL	18,60	472	93	PD 362 XL	36,20	919	181
PD 96 XL	9,60	244	48	PD 188 XL	18,80	478	94	PD 384 XL	38,40	975	192
PD 98 XL	9,80	249	49	PD 190 XL	19,00	483	95	PD 390 XL	39,00	991	195
PD 100 XL	10,00	254	50	PD 192 XL	19,20	488	96	PD 392 XL	39,20	996	196
PD 102 XL	10,20	259	51	PD 194 XL	19,40	493	97	PD 400 XL	40,00	1016	200
PD 106 XL	10,60	269	53	PD 196 XL	19,60	498	98	PD 412 XL	41,20	1046	206
PD 108 XL	10,80	274	54	PD 200 XL	20,00	508	100	PD 432 XL	43,20	1097	216
PD 110 XL	11,00	279	55	PD 202 XL	20,20	513	101	PD 450 XL	45,00	1143	225
PD 112 XL	11,20	284	56	PD 204 XL	20,40	518	102	PD 460 XL	46,00	1168	230
PD 114 XL	11,40	290	57	PD 206 XL	20,60	523	103	PD 498 XL	49,80	1265	249
PD 116 XL	11,60	295	58	PD 210 XL	21,00	533	105	PD 508 XL	50,80	1290	254
PD 120 XL	12,00	305	60	PD 214 XL	21,40	544	107	PD 548 XL	54,80	1392	274
PD 122 XL	12,20	310	61	PD 220 XL	22,00	559	110	PD 566 XL	56,60	1438	283
PD 124 XL	12,40	315	62	PD 222 XL	22,20	564	111	PD 612 XL	61,20	1554	306
PD 126 XL	12,60	320	63	PD 228 XL	22,80	579	114	PD 630 XL	63,00	1600	315
PD 128 XL	12,80	325	64	PD 230 XL	23,00	584	115	PD 662 XL	66,20	1681	331
PD 130 XL	13,00	330	65	PD 234 XL	23,40	594	117	PD 760 XL	76,00	1930	380
PD 134 XL	13,40	340	67	PD 236 XL	23,60	599	118	PD 768 XL	76,80	1951	384
PD 136 XL	13,60	345	68	PD 240 XL	24,00	610	120	PD 770 XL	77,00	1956	385
PD 138 XL	13,80	351	69	PD 242 XL	24,20	615	121	PD 900 XL	90,00	2286	450
PD 140 XL	14,00	356	70	PD 248 XL	24,80	630	124	PD 1180 XL	118,00	2997	590
PD 142 XL	14,20	361	71	PD 250 XL	25,00	635	125				
PD 144 XL	14,40	366	72	PD 252 XL	25,20	640	126				

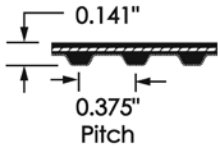
Cut belts widths: 1/4 inch = 025  
 5/16 inch = 031  
 3/8 inch = 037

Sleeve: 18.5 inches = 1850

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.

SYNCHRONOUS

# POSITIVE DRIVE



## L (Light)

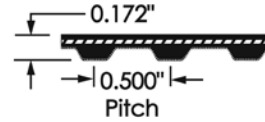
For fraction power-rated motor applications such as in-home appliances, small tools, pumps, blowers, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 124 L	12,40	314	33
PD 135 L	13,50	343	36
PD 143 L	14,30	362	38
PD 150 L	15,00	381	40
PD 157 L	15,70	400	42
PD 187 L	18,70	476	50
PD 195 L	19,50	495	52
PD 210 L	21,00	533	56
PD 217 L	21,70	552	58
PD 225 L	22,50	572	60
PD 232 L	23,20	591	62
PD 240 L	24,00	610	64
PD 244 L	24,40	619	65
PD 251 L	25,10	638	67
PD 255 L	25,50	648	68
PD 270 L	27,00	686	72
PD 285 L	28,50	724	76
PD 300 L	30,00	762	80
PD 315 L	31,50	800	84
PD 322 L	32,20	819	86
PD 345 L	34,50	876	92
PD 367 L	36,70	933	98
PD 390 L	39,00	991	104
PD 405 L	40,50	1029	108
PD 420 L	42,00	1067	112
PD 450 L	45,00	1143	120
PD 461 L	46,10	1172	123
PD 472 L	47,20	1200	126
PD 480 L	48,00	1219	128
PD 510 L	51,00	1295	136
PD 525 L	52,50	1334	140
PD 540 L	54,00	1372	144
PD 600 L	60,00	1524	160
PD 660 L	66,00	1676	176
PD 697 L	69,70	1772	186
PD 2213 L *	221,30	5620	590

Cut belts widths: 1/2 inch = 050  
 3/4 inch = 075  
 1 inch = 100

Sleeve: 18.5 inches = 1850  
 \* 13 inches = 1300

Goodyear reserves the right to change sleeve width.  
 Please contact Goodyear PTP marketing.



## H (Heavy)

For machine tools, pumps, fans, presses, motor generator sets, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 210 H	21,00	533	42
PD 225 H	22,50	572	45
PD 230 H	23,00	584	46
PD 240 H	24,00	610	48
PD 255 H	25,50	648	51
PD 270 H	27,00	686	54
PD 300 H *	30,00	762	60
PD 315 H	31,50	800	63
PD 320 H	32,00	813	64
PD 330 H *	33,00	838	66
PD 360 H *	36,00	914	72
PD 390 H *	39,00	991	78
PD 420 H *	42,00	1067	84
PD 450 H *	45,00	1143	90
PD 455 H	45,50	1156	91
PD 480 H *	48,00	1219	96
PD 490 H	49,00	1245	98
PD 510 H *	51,00	1295	102
PD 540 H *	54,00	1372	108
PD 560 H	56,00	1422	112
PD 570 H *	57,00	1448	114
PD 585 H	58,50	1486	117
PD 600 H *	60,00	1524	120
PD 630 H *	63,00	1600	126
PD 660 H *	66,00	1676	132
PD 700 H *	70,00	1778	140
PD 725 H	72,50	1842	145
PD 730 H	73,00	1854	146
PD 750 H *	75,00	1905	150
PD 800 H	80,00	2032	160
PD 850 H	85,00	2159	170
PD 900 H	90,00	2286	180
PD 1000 H **	100,00	2540	200
PD 1100 H **	110,00	2794	220
PD 1250 H **	125,00	3175	250
PD 1400 H **	140,00	3556	280
PD 1700 H **	170,00	4318	340
PD 2010 H **	201,00	5105	402
PD 2100 H **	210,00	5334	420
PD 2360 H ***	236,00	5994	472

Cut belts widths: 3/4 inch = 075  
 1 inch = 100, 1 1/2 inch = 150  
 2 inches = 200, 3 inches = 300

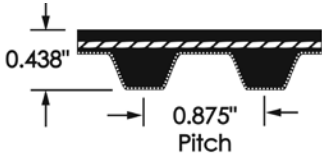
Sleeve: 17.7 inches = 1770  
 \* 14.6 inches = 1460  
 \*\* 15.7 inches = 1570  
 \*\*\* 13.0 inches = 1300

Veyance Technologies Europe reserves the right to change sleeve width.  
 Please contact Veyance Technologies Europe PTP marketing.

SYNCHRONOUS



# POSITIVE DRIVE



## XH (Extra Heavy)

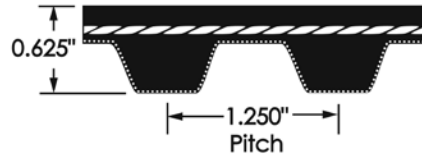
For medium torque applications on heavy industrial equipment.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 507 XH	50,80	1289	58
PD 560 XH	56,00	1422	64
PD 630 XH	63,00	1600	72
PD 700 XH	70,00	1778	80
PD 770 XH	77,00	1956	88
PD 840 XH	84,00	2134	96
PD 980 XH	98,00	2489	112
PD 1120 XH	112,00	2845	128
PD 1260 XH*	126,00	3200	144
PD 1400 XH	140,00	3556	160
PD 1540 XH	154,00	3912	176
PD 1750 XH	175,00	4445	200

Cut belts widths: 2 inches = 200  
 3 inches = 300  
 4 inches = 400  
 5 inches = 500

Sleeve: 13 inches = 1300  
 \* 21.3 inches = 2130

Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.



## XXH (Double Extra Heavy)

For high torque applications on heavy industrial equipment.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 700 XXH	70,00	1778	56
PD 800 XXH	80,00	2032	64
PD 900 XXH	90,00	2286	72
PD 1000 XXH	100,00	2540	80
PD 1200 XXH*	120,00	3048	96
PD 1400 XXH	140,00	3556	112
PD 1600 XXH	160,00	4064	128
PD 1800 XXH	180,00	4572	144

Cut belts widths: 2 inches = 200  
 3 inches = 300  
 4 inches = 400  
 5 inches = 500

Sleeve: 13 inches = 1300  
 \* 21.3 inches = 2130

Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.

SYNCHRONOUS

# HI-PERFORMANCE **Rd**<sup>TM</sup> PLUS (HPPD+)



Part No: 480-8M-20

480 480 mm Pitch Length  
8M 8 mm Pitch  
20 20 mm Wide

## APPLICATIONS

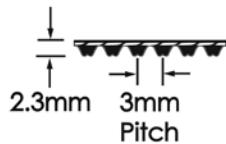
Nearly every conceivable industrial drive application where precise shaft synchronization is required. HPPD+ belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Office Equipment
- Paper Industry Machinery
- Machine Tool
- Printing Trade Machinery
- Home Appliances
- Food Processing Equipment
- HVAC Units
- Packaging Machinery
- Textile Machinery
- Mining Equipment
- Farm Machinery
- Woodworking Machinery
- Vending Machines

## KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD, RPP or PowerGrip GT\* sprocket.
- High-grade compounding.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than traditional timing belts.
- Length tolerances (ISO 13050)

\* PowerGrip and GT are Trademarks of the Gates Corporation.



### 3 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 159 3M	159	53
HPPD 177 3M	177	59
HPPD 204 3M	204	68
HPPD 252 3M	252	84
HPPD 264 3M	264	88
HPPD 312 3M	312	104
HPPD 318 3M	318	106
HPPD 501 3M	501	167
HPPD 513 3M	513	171
HPPD 612 3M	612	204
HPPD 738 3M	738	246

Cut belts widths: 6 mm, 9 mm, 15 mm.

Sleeve: 660 mm

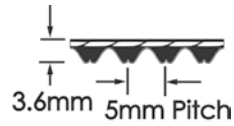
Veyance Technologies Europe reserves the right to change sleeve width.

Please contact Veyance Technologies Europe PTP marketing.





# HI-PERFORMANCE **Pd**<sup>TM</sup> PLUS (HPPD+)



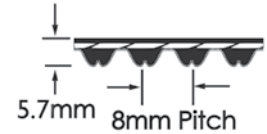
## 5 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 350 5M	350	70
HPPD 375 5M	375	75
HPPD 400 5M	400	80
HPPD 425 5M	425	85
HPPD 450 5M	450	90
HPPD 475 5M	475	95
HPPD 500 5M	500	100
HPPD 535 5M	535	107
HPPD 565 5M	565	113
HPPD 600 5M	600	120
HPPD 635 5M	635	127
HPPD 670 5M	670	134
HPPD 710 5M	710	142
HPPD 740 5M	740	148
HPPD 800 5M	800	160
HPPD 850 5M	850	170
HPPD 890 5M	890	178
HPPD 950 5M	950	190
HPPD 1000 5M	1000	200
HPPD 1050 5M	1050	210
HPPD 1125 5M	1125	225
HPPD 1195 5M	1195	239
HPPD 1270 5M	1270	254
HPPD 1420 5M	1420	284
HPPD 1595 5M	1595	319
HPPD 1690 5M	1690	338
HPPD 1790 5M	1790	358
HPPD 1895 5M	1895	379
HPPD 2000 5M	2000	400

Cut belts widths: 9 mm  
15 mm  
25 mm

Sleeve: 660 mm

Veyance Technologies Europe reserves the right to change sleeve width.  
Please contact Veyance Technologies Europe PTP marketing.



## 8 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 480 8M*	480	60
HPPD 560 8M*	560	70
HPPD 600 8M*	600	75
HPPD 640 8M*	640	80
HPPD 680 8M*	680	85
HPPD 720 8M	720	90
HPPD 800 8M	800	100
HPPD 880 8M	880	110
HPPD 960 8M	960	120
HPPD 1040 8M	1040	130
HPPD 1120 8M	1120	140
HPPD 1200 8M	1200	150
HPPD 1280 8M	1280	160
HPPD 1400 8M*	1400	175
HPPD 1440 8M	1440	180
HPPD 1600 8M	1600	200
HPPD 1760 8M	1760	220
HPPD 1800 8M	1800	225
HPPD 2000 8M	2000	250
HPPD 2400 8M	2400	300
HPPD 2600 8M	2600	325
HPPD 2800 8M	2800	350
HPPD 3048 8M**	3048	381
HPPD 3280 8M**	3280	410
HPPD 3600 8M**	3600	450
HPPD 4400 8M**	4400	550

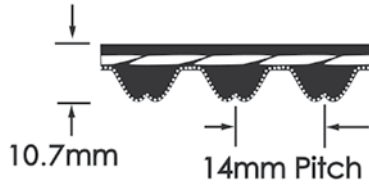
Cut belts widths: 20 mm  
30 mm  
50 mm  
85 mm

Sleeve: 370 mm  
\* 660 mm  
\*\* 530 mm

Veyance Technologies Europe reserves the right to change sleeve width.  
Please contact Veyance Technologies Europe PTP marketing.

SYNCHRONOUS

# HI-PERFORMANCE Pd™ PLUS (HPPD+)



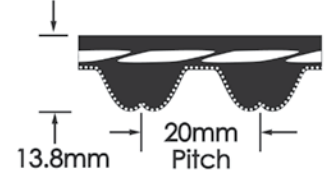
## 14M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 966 14M	966	69
HPPD 1190 14M	1190	85
HPPD 1400 14M***	1400	100
HPPD 1610 14M***	1610	115
HPPD 1778 14M***	1778	127
HPPD 1890 14M	1890	135
HPPD 2100 14M***	2100	150
HPPD 2310 14M	2310	165
HPPD 2450 14M	2450	175
HPPD 2590 14M	2590	185
HPPD 2800 14M	2800	200
HPPD 3150 14M*	3150	225
HPPD 3360 14M*	3360	240
HPPD 3500 14M*	3500	250
HPPD 3850 14M*	3850	275
HPPD 4326 14M*	4326	309
HPPD 4578 14M*	4578	327
HPPD 4956 14M*	4956	354
HPPD 5320 14M**	5320	380
HPPD 5740 14M**	5740	410
HPPD 6160 14M**	6160	440
HPPD 6860 14M**	6860	490

Cut belts widths: 40 mm  
55 mm  
85 mm  
115 mm  
170 mm

Sleeve: \*\*\*370 mm  
\*\* 330 mm  
\* 530 mm  
660 mm

Veyance Technologies Europe reserves the right to change sleeve width.  
Please contact Veyance Technologies Europe PTP marketing.



## 20M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 2000 20M *	2000	100
HPPD 2500 20M *	2500	125
HPPD 3400 20M	3400	170
HPPD 3800 20M	3800	190
HPPD 4200 20M	4200	210
HPPD 4600 20M	4600	230
HPPD 5000 20M	5000	250
HPPD 5200 20M	5200	260
HPPD 5400 20M	5400	270
HPPD 5800 20M	5800	290
HPPD 6200 20M	6200	310
HPPD 6600 20M	6600	330

Cut belts widths: 115 mm  
170 mm  
230 mm  
290 mm

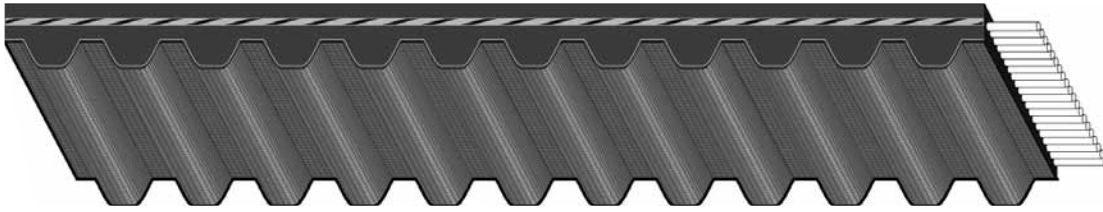
Sleeve: \* 660 mm  
330 mm

Veyance Technologies Europe reserves the right to change sleeve width.  
Please contact Veyance Technologies Europe PTP marketing.

SYNCHRONOUS



# SUPER TORQUE Pd™



Part No: 100 S4.5M 175

100 10 mm Width

S Super Torque Positive Drive Belt

4.5M 4.5 mm Pitch – Modified Round Tooth Profile

175 175 mm Pitch Length

## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Super Torque Pd belts can also be used as an alternative to problem V-belt and chain drives.

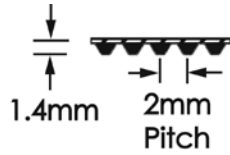
- Milling Machines
- Conveyors
- Engine Accessory Drives
- Debarkers
- Internal Combustion Engines
- Lathes
- Timers or Controllers
- Shapers
- Compressors
- Textile Machinery
- Wood Chippers
- Mixers

## KEY FEATURES & BENEFITS

- Unique tooth profile for quiet tooth engagement.
- Improved power capacity over standard HTD profiles.
- High-grade compounding.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Mating sprockets required.
- Low-maintenance/high-efficiency rating.
- Length tolerances (ISO 13050)

# SUPER TORQUE

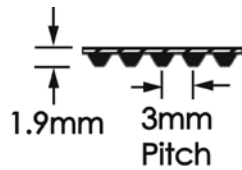
## s2M



Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S2M 112	112	56
STPD S2M 142	142	71
STPD S2M 158	158	79
STPD S2M 164	164	82
STPD S2M 172	172	86
STPD S2M 180	180	90
STPD S2M 212	212	106
STPD S2M 264	264	132
STPD S2M 320	320	160
STPD S2M 504	504	252

Sleeve width: 660 mm  
 Veyance Technologies Europe reserves the right to change sleeve width.  
 Please contact Veyance Technologies Europe PTP marketing.

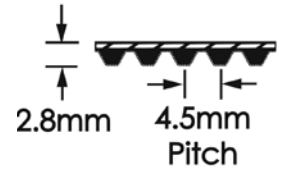
## S3M



Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S3M 120	120	40
STPD S3M 150	150	50
STPD S3M 177	177	59
STPD S3M 201	201	67
STPD S3M 225	225	75
STPD S3M 252	252	74
STPD S3M 264	264	88
STPD S3M 276	276	92
STPD S3M 300	300	100
STPD S3M 339	339	113
STPD S3M 363	363	121
STPD S3M 384	384	128
STPD S3M 420	420	140
STPD S3M 459	459	153
STPD S3M 486	486	162
STPD S3M 501	501	167
STPD S3M 537	537	179
STPD S3M 564	564	188
STPD S3M 633	633	211

Sleeve width: 660 mm  
 Veyance Technologies Europe reserves the right to change sleeve width.  
 Please contact Veyance Technologies Europe PTP marketing.

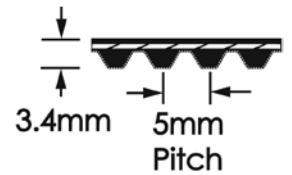
## S4.5M



Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S4,5M 175	175	39
STPD S4,5M 180	180	40
STPD S4,5M 225	225	50
STPD S4,5M 247	247	55
STPD S4,5M 297	297	66
STPD S4,5M 306	306	68
STPD S4,5M 342	342	76
STPD S4,5M 504	504	112
STPD S4,5M 621	621	138

Sleeve width: 660 mm  
 Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.

## S5M



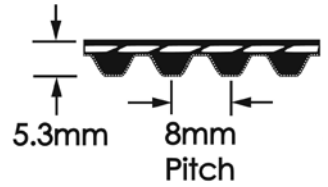
Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S5M 255	255	51
STPD S5M 295	295	59
STPD S5M 325	325	65
STPD S5M 350	350	70
STPD S5M 375	375	75
STPD S5M 400	400	80
STPD S5M 425	425	85
STPD S5M 435	435	87
STPD S5M 450	450	90
STPD S5M 475	475	95
STPD S5M 500	500	100
STPD S5M 525	525	105
STPD S5M 560	560	112
STPD S5M 575	575	115
STPD S5M 600	600	120
STPD S5M 625	625	125
STPD S5M 650	650	130
STPD S5M 675	675	135
STPD S5M 700	700	140
STPD S5M 750	750	150
STPD S5M 800	800	160
STPD S5M 850	850	170
STPD S5M 900	900	180
STPD S5M 950	950	190
STPD S5M 1000	1000	200
STPD S5M 1050	1050	210
STPD S5M 1125	1125	225
STPD S5M 1270	1270	254
STPD S5M 1350	1350	270
STPD S5M 1420	1420	284
STPD S5M 1800	1800	360
STPD S5M 2000	2000	400
STPD S5M 2770	2770	554

Sleeve width: 660 mm  
 Veyance Technologies Europe reserves the right to change sleeve width.  
 Please contact Veyance Technologies Europe PTP marketing.

SYNCHRONOUS



# SUPER TORQUE Pd™



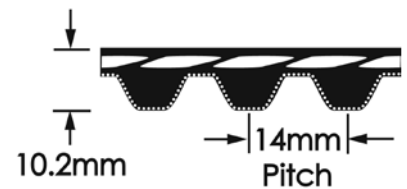
## S 8 M

Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S8M 440	440	55	STPD S8M 944	944	118	STPD S8M 1360	1360	170
STPD S8M 448	448	56	STPD S8M 960	960	120	STPD S8M 1384	1384	173
STPD S8M 480	480	60	STPD S8M 976	976	122	STPD S8M 1400*	1400	175
STPD S8M 496	496	62	STPD S8M 984	984	123	STPD S8M 1408	1408	176
STPD S8M 512	512	64	STPD S8M 992	992	124	STPD S8M 1432	1432	179
STPD S8M 528	528	66	STPD S8M 1000	1000	125	STPD S8M 1440*	1440	180
STPD S8M 560	560	70	STPD S8M 1024*	1024	128	STPD S8M 1480	1480	185
STPD S8M 576	576	72	STPD S8M 1032	1032	129	STPD S8M 1536	1536	192
STPD S8M 592	592	74	STPD S8M 1040*	1040	130	STPD S8M 1544	1544	193
STPD S8M 600	600	75	STPD S8M 1056	1056	132	STPD S8M 1552	1552	194
STPD S8M 632	632	79	STPD S8M 1072	1072	134	STPD S8M 1600	1600	200
STPD S8M 648	648	81	STPD S8M 1096*	1096	137	STPD S8M 1680	1680	210
STPD S8M 656	656	82	STPD S8M 1120*	1120	140	STPD S8M 1696	1696	212
STPD S8M 680	680	85	STPD S8M 1136*	1136	142	STPD S8M 1760*	1760	220
STPD S8M 688	688	86	STPD S8M 1152	1152	144	STPD S8M 1800*	1800	225
STPD S8M 712	712	89	STPD S8M 1160	1160	145	STPD S8M 2000	2000	250
STPD S8M 720	720	90	STPD S8M 1168	1168	146	STPD S8M 2032	2032	254
STPD S8M 752	752	94	STPD S8M 1176*	1176	147	STPD S8M 2240	2240	280
STPD S8M 760	760	95	STPD S8M 1184*	1184	148	STPD S8M 2272	2272	284
STPD S8M 800*	800	100	STPD S8M 1200*	1200	150	STPD S8M 2392	2392	299
STPD S8M 824	824	103	STPD S8M 1208*	1208	151	STPD S8M 2400*	2400	300
STPD S8M 840	840	105	STPD S8M 1224	1224	153	STPD S8M 2496	2496	312
STPD S8M 848	848	106	STPD S8M 1248	1248	156	STPD S8M 2600	2600	325
STPD S8M 880	880	110	STPD S8M 1256	1256	157	STPD S8M 2800	2800	350
STPD S8M 896	896	112	STPD S8M 1264	1264	158	STPD S8M 3200**	3200	400
STPD S8M 920	920	115	STPD S8M 1280	1280	160			
STPD S8M 928	928	116	STPD S8M 1304*	1304	163			
STPD S8M 936	936	117	STPD S8M 1312*	1312	164			

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm

Sleeve: 660 mm; \* 370 mm; \*\* 330 mm

Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.



## S 14 M

Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S14M 1120	1120	80	STPD S14M 2002	2002	143	STPD S14M 3150*	3150	225
STPD S14M 1190	1190	85	STPD S14M 2100	2100	150	STPD S14M 3500*	3500	250
STPD S14M 1400	1400	100	STPD S14M 2240	2240	160	STPD S14M 3850*	3850	275
STPD S14M 1540	1540	110	STPD S14M 2310	2310	165	STPD S14M 4004*	4004	286
STPD S14M 1610	1610	115	STPD S14M 2450	2450	175	STPD S14M 4508*	4508	322
STPD S14M 1778	1778	127	STPD S14M 2590	2590	185	STPD S14M 5012*	5012	358
STPD S14M 1890	1890	135	STPD S14M 2800	2800	200			

Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm

Sleeve: 660 mm; \* 330 mm

Veyance Technologies Europe reserves the right to change sleeve width. Please contact Veyance Technologies Europe PTP marketing.

## EAGLE NRG™

NEW!

EAGLE NRG™



Part No: B-1750

B Blue = 14 mm Pitch, 35 mm Width  
1750 1750 mm Pitch Length

## THE EVOLUTION CONTINUES WITH THE NEXT GENERATION IN SYNCHRONOUS BELT TECHNOLOGY

Eagle NRG is the next generation in synchronous belt technology. This unique, state-of-the-art alternative to straight tooth belts and drive chains has been enhanced to improve the overall performance of your drive design - and help you save Energy (NRG).

Eagle NRG's unique H.O.T. (Helical Offset Tooth) design provides a continuous rolling tooth engagement to create a lighter, quieter, reduced vibration, flangeless drive to maximize both the performance and efficiency of your drive system. The self tracking design of Eagle NRG eliminates the need for sprocket flanges, which reduces face width and weight of the drive.

## HIGHER POWER RATING

With the emergence of higher power requirements and the need to reduce the size of drives, Eagle NRG's increased power capacity, up to 25% improvement, has the ability to handle an even wider variety of applications. Newly engineered materials and specialty compounds are formulated to give this next-generation Eagle belt more value in the most demanding applications.

## IMPROVED OPERATING TEMPERATURE RANGE

Knowing that elevated temperatures can significantly reduce belt life, we have made improvements in Eagle NRG's ability to perform at 95°C continuous operation and withstand peak temperatures as high as 145°C.

With Eagle NRG, you can experience a whole new level of performance and value in reinforced rubber synchronous belts.

## APPLICATIONS

Goodyear Eagle Pd belts and sprockets are ideal on a wide variety of applications in all industries.

- Agricultural Equipment
- Paper Presses
- Packaging Conveyors
- Hog Dehairers
- Aggregate Crushers
- Chain Drives
- Poultry/Meat Grinders
- Baking Mixers
- Wood Debarbers and Saws
- Textile Machines
- Mining Equipment
- Horizontal Drives
- Aluminum/Steel Conveyors
- Printing Machines

## KEY FEATURES & BENEFITS

- Reduced Noise
- Less Vibration
- Increased Power
- Less Maintenance
- Higher Efficiency
- Compactness
- Less Bearing Load
- Self-Tracking
- Greater Precision
- Bidirectional
- Length tolerances (ISO 13050).
- Temperature resistance: -40° to +95° C.
- Static conductive\*\* (ISO 9563).

\*\* Refer to Static Conductive Belts section (page 85).

## BELT MATERIALS COMPOUNDED TO LAST LONGER

Durability starts with the Eagle NRG belt's rubber compound, a cross-linked elastomer formulated to resist tooth deformity and increase tooth rigidity. Eagle NRG is also chemically stable to resist the effects of oils, coolants, heat and ozone.

Eagle NRG's high-strength Flexten tensile member provides optimal resistance to flex fatigue, elongation and shock loads while operating at high torque conditions. The facing of Eagle NRG belts also reduce tooth engagement friction while standing up to oil and chemical permeation.

## INCREASED EFFICIENCY

### DRIVE CHANGE™ OPPORTUNITY

The unique tooth configuration of Eagle NRG provides continuous tooth engagement and eliminates slippage. With a power efficiency rating of 98%, Eagle NRG can offer you an impressive 5% edge over typical V-belt drives.

Simply stated, with Eagle NRG, you get more what you pay for. This is especially true when the Eagle NRG is applied to high-energy consuming drives that are used 24 hours a day, as well as high power drives that inflate energy consumption during peak periods.

SYNCHRONOUS





# EAGLE NRG™

## A QUIETER, REDUCED VIBRATION DRIVE

The H.O.T. design of Eagle NRG belts and sprockets reduces vibration and decreases operating noise by as much as 19 decibels versus other synchronous systems. This can lead to a quieter working environment with improved worker efficiency. Costs associated with monitoring, training and testing to meet OSHA regulations can be virtually eliminated with Eagle NRG drives.

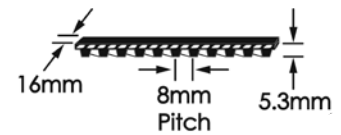
## LOWER MAINTENANCE COSTS

Unlike chain drives, Eagle NRG belts and sprockets do not require lubrication. After initial run in and rechecking tension after 8 hours of operation, Eagle NRG belts do not need additional retensioning like V-belts.

## MATCHING BELT TO SPROCKET HAS NEVER BEEN EASIER

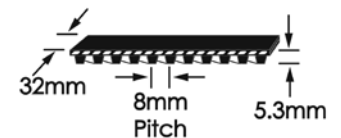
The Eagle NRG Color Spectrum System makes it the easiest power transmission drive to sell, purchase and install.

The part numbering system for Eagle NRG centers around a color-coded sizing system for the belts and sprockets. Each belt and sprocket part number includes a letter corresponding to a color and is also branded in that color. The letters Y, W, P, B, G, O and R indicate the colors Yellow, White, Purple, Blue, Green, Orange and Red. All Yellow belts are designed to function with all Yellow sprockets, as is the case for the White, Purple, Blue, Green, Orange and Red sizes.



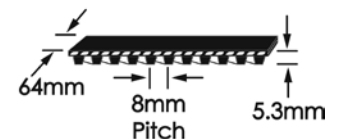
### EAGLE NRG™ YELLOW (8 mm Pitch - 16 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
Y-640	80	640	Y-1280	160	1280
Y-720	90	720	Y-1440	180	1440
Y-800	100	800	Y-1600	200	1600
Y-896	112	896	Y-1792	224	1792
Y-1000	125	1000	Y-2000	250	2000
Y-1120	140	1120	Y-2240	280	2240
Y-1200	150	1200	Y-2400	300	2400



### EAGLE NRG™ WHITE (8 mm Pitch - 32 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
W-640	80	640	W-1280	160	1280
W-720	90	720	W-1440	180	1440
W-800	100	800	W-1600	200	1600
W-896	112	896	W-1792	224	1792
W-1000	125	1000	W-2000	250	2000
W-1120	140	1120	W-2240	280	2240
W-1200	150	1200	W-2400	300	2400



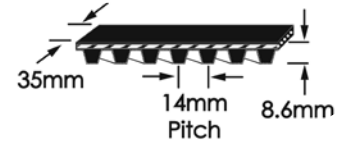
### EAGLE NRG™ PURPLE (8 mm Pitch - 64 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
P-720	90	720	P-1200	150	1200
P-800	100	800	P-1280	160	1280
P-896	112	896	P-1440	180	1440
P-1000	125	1000	P-1600	200	1600
P-1120	140	1120			

SYNCHRONOUS

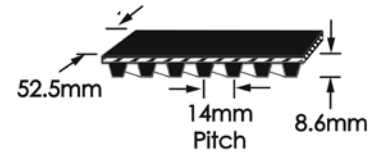
# EAGLE NRG™

## EAGLE NRG™ BLUE (14 mm Pitch - 35 mm Width)



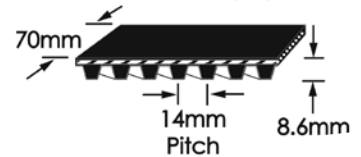
Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
B-994	71	994	B-2240	160	2240
B-1120	80	1120	B-2380	170	2380
B-1190	85	1190	B-2520	180	2520
B-1260	90	1260	B-2660	190	2660
B-1400	100	1400	B-2800	200	2800
B-1568	112	1568	B-3136	224	3136
B-1750	125	1750	B-3304	236	3304
B-1960	140	1960	B-3500	250	3500
B-2100	150	2100	B-3920	280	3920

## EAGLE NRG™ GREEN (14 mm Pitch - 52.5 mm Width)



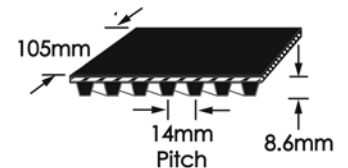
Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
G-994	71	994	G-2240	160	2240
G-1120	80	1120	G-2380	170	2380
G-1190	85	1190	G-2520	180	2520
G-1260	90	1260	G-2660	190	2660
G-1400	100	1400	G-2800	200	2800
G-1568	112	1568	G-3136	224	3136
G-1750	125	1750	G-3304	236	3304
G-1960	140	1960	G-3500	250	3500
G-2100	150	2100	G-3920	280	3920

## EAGLE NRG™ ORANGE (14 mm Pitch - 70 mm Width)



Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
O-1120	80	1120	O-2380	170	2380
O-1190	85	1190	O-2520	180	2520
O-1260	90	1260	O-2660	190	2660
O-1400	100	1400	O-2800	200	2800
O-1568	112	1568	O-3136	224	3136
O-1750	125	1750	O-3304	236	3304
O-1960	140	1960	O-3500	250	3500
O-2100	150	2100	O-3920	280	3920
O-2240	160	2240			

## EAGLE NRG™ RED (14 mm Pitch - 105 mm Width)

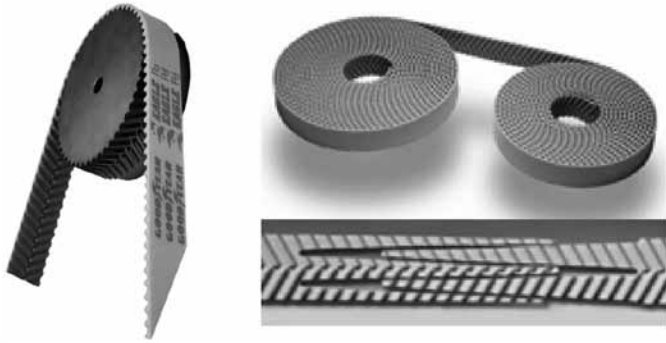


Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
R-1260	90	1260	R-2520	180	2520
R-1400	100	1400	R-2660	190	2660
R-1568	112	1568	R-2800	200	2800
R-1750	125	1750	R-3136	224	3136
R-1960	140	1960	R-3304	236	3304
R-2100	150	2100	R-3500	250	3500
R-2240	160	2240	R-3920	280	3920
R-2380	170	2380			

SYNCHRONOUS



# EAGLE Pd™ ACCULINEAR®



## APPLICATIONS

Eagle Pd Acculinear belts can be used in open-end or spliced configurations in a variety of applications.

Typical applications for the open-end configuration are in linear motion devices and other drives where precise motion is required.

Typical application for the spliced configuration are in light conveyors and other material processing and transfer industries.

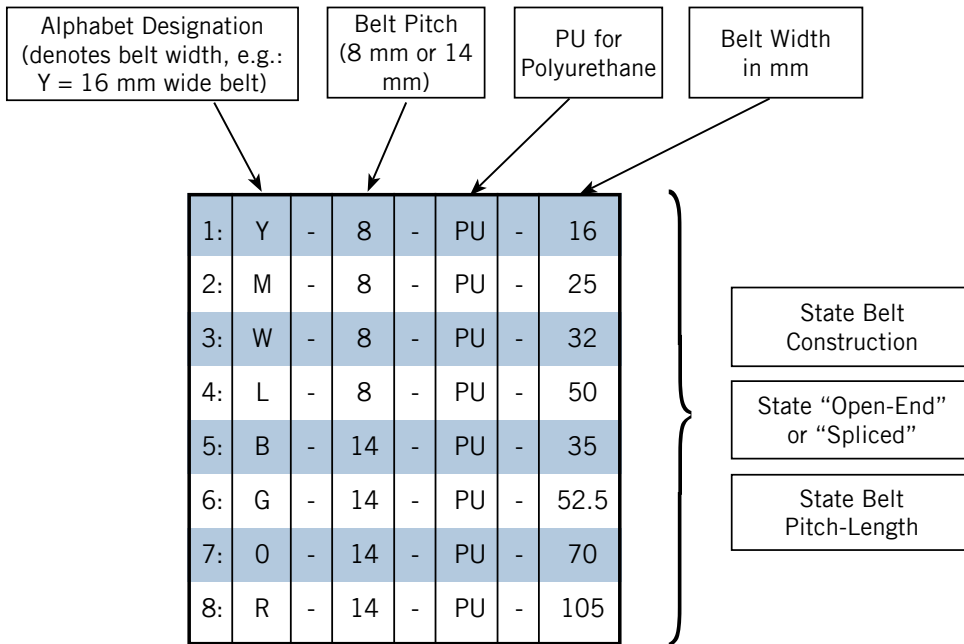
Part No: Y-8-PU-16-STD

Y	Alphabetical designation denotes belt width (Y=16 mm Wide Belt)
8	8 mm Belt Pitch
PU	Polyurethane
16	Belt Width (16 mm)
STD	Standard Construction

## KEY FEATURES & BENEFITS

- Polyurethane material resists flaking, has higher dimensional stability and has superior wear and abrasion resistance.
- Self-tracking and compact drives.
- Less vibration and reduced noise.
- High flexibility.
- High-Precision linear positioning.
- Open end or spliced

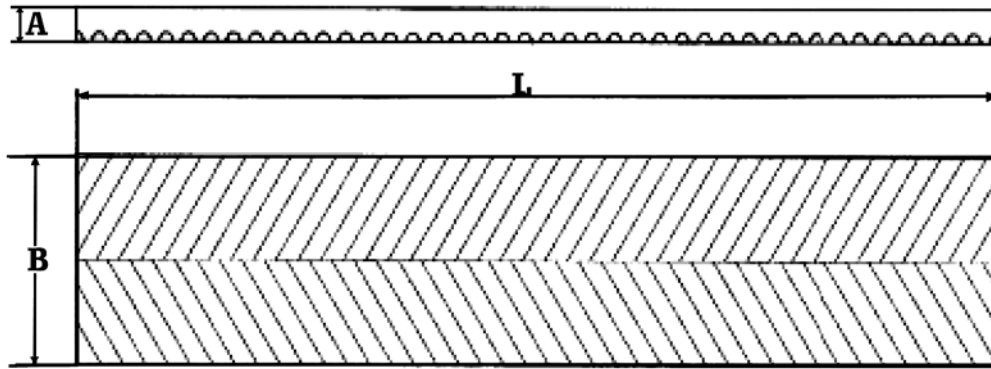
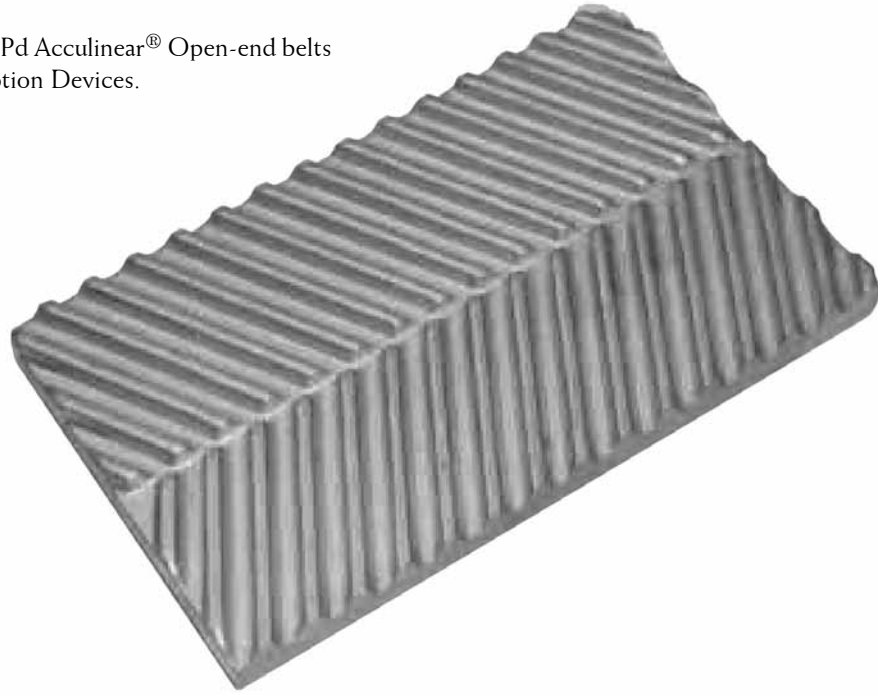
SYNCHRONOUS



# EAGLE *Pd*<sup>TM</sup> ACCULINEAR<sup>®</sup>

## ACCULINEAR<sup>®</sup> CLAMPING PLATES

Clamping Plates are available for Eagle Pd Acculinear<sup>®</sup> Open-end belts to allow them to be used in Linear Motion Devices.



	Belts	Clamping Plates				Part Number
		A (mm)	B (mm)	L (mm)	Material	
1:	Y-8-PU-16	12	75	120	AL	Eagle Pd – 8mm – Clamping Plate
2:	M-8-PU-25	12	75	120	AL	
3:	W-8-PU-32	12	75	120	AL	
4:	L-8-PU-50	12	75	120	AL	
5:	B-14-PU-35	18	130	200	AL	Eagle Pd – 14mm – Clamping Plate
6:	G-14-PU-52.5	18	130	200	AL	
7:	O-14-PU-70	18	130	200	AL	
8:	R-14-PU-105	18	130	200	AL	

AL = Aluminum

**NEW!**

# FALCON HTC®

**FALCON HTC**

Part No: 8GTR-640-12

8	8 mm Pitch
GTR	Falcon Belt
640	640 mm Pitch Length
12	12 mm Width

SYNCHRONOUS

## THE STAR OF OUR REINFORCED RUBBER POWER TRANSMISSION BELT PORTFOLIO

Falcon HTC is quickly setting the new standard in synchronous drive system belting. When compared to conventional polyurethane synchronous belts, the benefits of Falcon HTC become evident.

## SPECIALTY COMPOUNDED MATERIALS GIVE THIS BELT SUPERIOR ADVANTAGES

A reinforced-rubber synchronous belt designed to work in a variety of demanding drives, Falcon HTC now offers up to 30 percent more power over its predecessor. The ability to operate continuously in temperatures up to 95°C, along with being static conductive, helps Falcon HTC perform in special applications, providing longer life and higher output to meet your needs.

### APPLICATIONS

Any application where a chain drive could be used.

Can also be used with a backside idler when needed, allowing for additional applications.

Suitable for high power, low torque drives.

### KEY FEATURES & BENEFITS

- Increased Power Rating up to 30%.
- Size for size convenience. Example:  
8GTR-640-21 = Gates 8MGT-640-21\*
- Reduced operating noise levels to comparable belt drives.
- Exceptional tensile strength for premium performance.
- Rubber construction provides better resistance to flex fatigue.
- Versatility in a wide range of operating temperatures.
- Temperature resistance: -50° to +95° C.
- Static conductive\*\* (ISO 9563).

\* Gates, Poly Chain and GT are trademarks of the Gates Corporation.

\*\* Refer to Static Conductive Belts section (page 85).

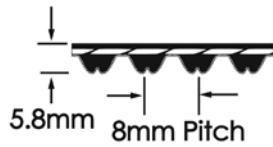
## LOWER MAINTENANCE COSTS REDUCE THE PAIN

Falcon HTC synchronous belts do not require lubrication often found in chain drive applications. High-modulus cord members minimize the need for retensioning normally required in standard v-belts, reducing your overall maintenance cost.

## QUIET OPERATION

Falcon HTC runs quieter, up to 6dB in operation for a better environment while offering advanced flex-fatigue resistance to help extend belt life.

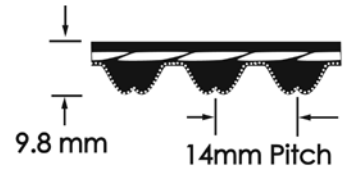
# FALCON HTC®



## 8 M (8MM PITCH)

Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 640 8M	640	80
GTR 720 8M	720	90
GTR 800 8M	800	100
GTR 896 8M	896	112
GTR 1000 8M	1000	125
GTR 1120 8M	1120	140
GTR 1200 8M	1200	150
GTR 1280 8M	1280	160
GTR 1440 8M	1440	180
GTR 1600 8M	1600	200
GTR 1792 8M	1792	224
GTR 2000 8M	2000	250
GTR 2240 8M	2240	280
GTR 2400 8M	2400	300
GTR 2520 8M	2520	315
GTR 2840 8M *	2840	355
GTR 3200 8M *	3200	400
GTR 3600 8M *	3600	450
GTR 4000 8M *	4000	500
GTR 4480 8M *	4480	560

Cut belts widths: 12 mm; 21 mm; 36 mm; 62 mm  
 Sleeve: \*350 mm  
 562 mm



## 14 M (14MM PITCH)

Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 994 14M	994	71
GTR 1120 14M	1120	80
GTR 1190 14M	1190	85
GTR 1260 14M	1260	90
GTR 1400 14M	1400	100
GTR 1568 14M	1568	112
GTR 1750 14M	1750	125
GTR 1890 14M	1890	135
GTR 1960 14M	1960	140
GTR 2100 14M	2100	150
GTR 2240 14M	2240	160
GTR 2380 14M	2380	170
GTR 2520 14M	2520	180
GTR 2660 14M*	2660	190
GTR 2800 14M *	2800	200
GTR 3136 14M *	3136	224
GTR 3304 14M *	3304	236
GTR 3500 14M *	3500	250
GTR 3920 14M *	3920	280
GTR 4410 14M *	4410	315

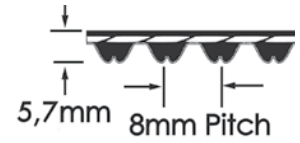
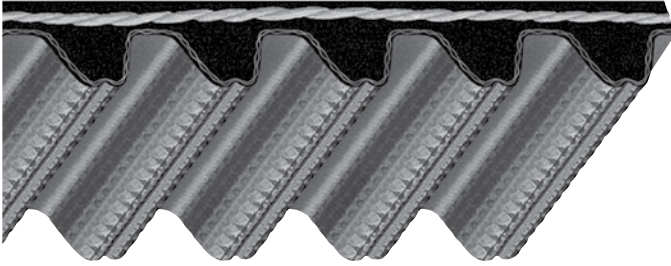
Cut belts widths: 20 mm; 37 mm; 68 mm; 90 mm; 125 mm  
 Sleeve: \* 350 mm  
 562 mm

SYNCHRONOUS





# BLACKHAWK Pd™

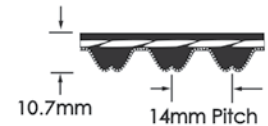


## 8M AVAILABLE SIZES

Belt reference	Pitch length Lp (mm)	Number of teeth
BH 480 8M	480	60
BH 560 8M	560	70
BH 600 8M	600	75
BH 640 8M	640	80
BH 720 8M	720	90
BH 800 8M	800	100
BH 880 8M	880	110
BH 960 8M	960	120
BH 1040 8M	1040	130
BH 1120 8M	1120	140
BH 1200 8M	1200	150
BH 1280 8M	1280	160
BH 1440 8M	1440	180
BH 1600 8M	1600	200
BH 1760 8M	1760	220
BH 1800 8M	1800	225
BH 2000 8M	2000	250
BH 2400 8M	2400	300
BH 2600 8M	2600	325
BH 2800 8M	2800	350
BH 3048 8M *	3048	381
BH 3280 8M *	3280	410
BH 3600 8M *	3600	450
BH 4400 8M *	4400	550

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm

Sleeve: 660 mm, \*330 mm



## 14M AVAILABLE SIZES

Belt reference	Pitch length Lp (mm)	Number of teeth
BH 966 14M	966	69
BH 1190 14M	1190	85
BH 1400 14M	1400	100
BH 1610 14M	1610	115
BH 1778 14M	1778	127
BH 1890 14M	1890	135
BH 2100 14M	2100	150
BH 2310 14M	2310	165
BH 2450 14M	2450	175
BH 2590 14M	2590	185
BH 2800 14M	2800	200
BH 3150 14M *	3150	225
BH 3360 14M *	3360	240
BH 3500 14M *	3500	250
BH 3850 14M *	3850	275
BH 4326 14M *	4326	309
BH 4578 14M *	4578	327
BH 4956 14M *	4956	354
BH 5320 14M *	5320	380
BH 5740 14M *	5740	410
BH 6160 14M *	6160	440
BH 6860 14M *	6860	490

Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm

Sleeve: 660 mm, \*330 mm

Part No: 480 8M BH 12  
 480 480 mm Pitch Length  
 8M 8 mm Pitch  
 BH Blackhawk Belt  
 12 12 mm Wide

## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Blackhawk Pd belts can also be used as an alternative to problem V-belt and chain drives.

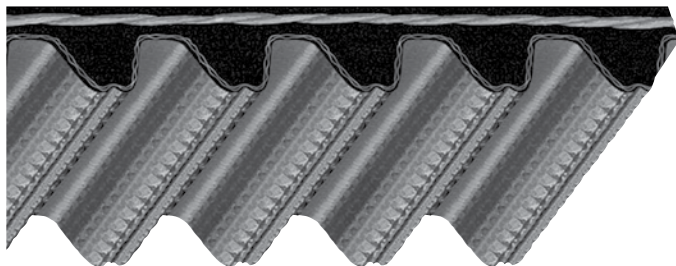
- Aggregate Machinery
- Paper Industry Machinery
- Printing Trade Machinery
- Food Processing Equipment
- Packaging Machinery
- Mining Equipment
- Woodworking Machinery
- Office Equipment
- Machine Tool
- Home Appliances
- HVAC Units
- Textile Machinery
- Farm Machinery
- Vending Machines

## KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD and RPP sprockets.
- High-grade Hibrex compound.
- Flexten tensile members provide excellent dimensional stability and high-impact strength.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -40° to +90° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than traditional timing belts.
- Static conductive\*\* (ISO 9563).

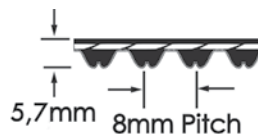
\*\* Refer to Static Conductive Belts section (page 85).

# WHITEHAWK Pd™



Part No: 480 8M WH 12

480 480 mm Pitch Length  
 8M 8 mm Pitch  
 WH Whitehawk Belt  
 20 20 mm Wide



## 8 M AVAILABLE SIZES

Belt reference	Pitch length Lp (mm)	Number of teeth
WH 480 8M	480	60
WH 560 8M	560	70
WH 600 8M	600	75
WH 640 8M	640	80
WH 720 8M	720	90
WH 800 8M	800	100
WH 880 8M	880	110
WH 960 8M	960	120
WH 1040 8M	1040	130
WH 1120 8M	1120	140
WH 1200 8M	1200	150
WH 1280 8M	1280	160
WH 1440 8M	1440	180
WH 1600 8M	1600	200
WH 1760 8M	1760	220
WH 1800 8M	1800	225
WH 2000 8M	2000	250
WH 2400 8M	2400	300
WH 2600 8M	2600	325
WH 2800 8M	2800	350
WH 3048 8M*	3048	381
WH 3280 8M*	3280	410
WH 3600 8M*	3600	450
WH 4400 8M*	4400	550

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm  
 Sleeve: 660 mm, \*330 mm

## APPLICATIONS

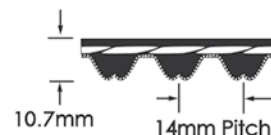
Nearly every conceivable industrial drive application where precise shaft synchronization is required. Whitehawk Pd belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Paper Industry Machinery
- Printing Trade Machinery
- Food Processing Equipment
- Packaging Machinery
- Mining Equipment
- Woodworking Machinery
- Office Equipment
- Machine Tool
- Home Appliances
- HVAC Units
- Textile Machinery
- Farm Machinery
- Vending Machines

## KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD and RPP sprockets.
- High-grade compounding.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than HPPD+ belts.
- Static conductive\*\* (ISO 9563).

\*\* Refer to Static Conductive Belts section (page 85).



## 14 M AVAILABLE SIZES

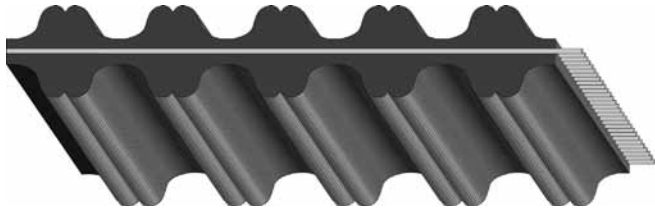
Belt reference	Pitch length Lp (mm)	Number of teeth
WH 966 14M	966	69
WH 1190 14M	1190	85
WH 1400 14M	1400	100
WH 1610 14M	1610	115
WH 1778 14M	1778	127
WH 1890 14M	1890	135
WH 2100 14M	2100	150
WH 2310 14M	2310	165
WH 2450 14M	2450	175
WH 2590 14M	2590	185
WH 2800 14M	2800	200
WH 3150 14M*	3150	225
WH 3360 14M*	3360	240
WH 3500 14M*	3500	250
WH 3850 14M*	3850	275
WH 4326 14M*	4326	309
WH 4578 14M*	4578	327
WH 4956 14M*	4956	354
WH 5320 14M*	5320	380
WH 5740 14M*	5740	410
WH 6160 14M*	6160	440
WH 6860 14M*	6860	490

Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm  
 Sleeve: 660 mm, \* 330 mm

SYNCHRONOUS



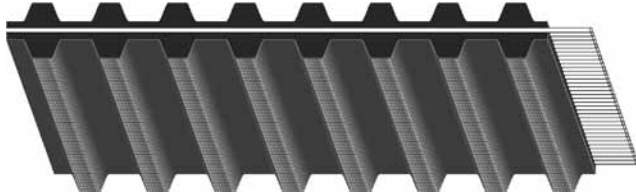
# DUAL SYNCHRONOUS BELTS



## DUAL HI-PERFORMANCE PD™

Part No: D1040 8M20

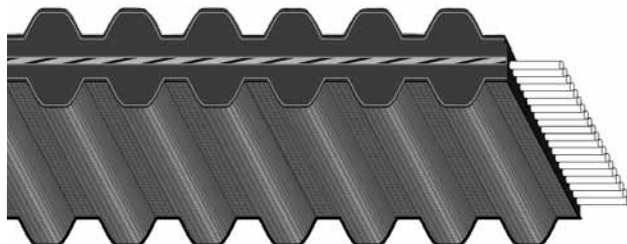
D	Dual Sided
1040	1040 mm Pitch Length
8M	8 mm Pitch – Round Tooth Profile
20	20 mm Wide



## DUAL POSITIVE DRIVE

Part No: D225 L050

D	Dual Sided
225	22.5" Pitch Length
L	L Pitch – Trapezoidal Tooth Profile
050	.50" Wide



## DUAL SUPER TORQUE POSITIVE DRIVE

Part No: D S8M 600 50

D	Dual Sided
600	600 mm Pitch Length
S	Super Torque Positive Drive Belt
8M	8 mm Pitch
50	50 mm Width

Available on request in profiles D S8M and D S14M.  
Please contact Veyance Technologies Europe PTP marketing.

### APPLICATIONS

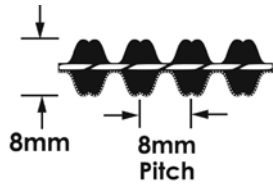
For precision drives where synchronized reverse rotation drive shafts are encountered and compactness is desired.

### KEY FEATURES & BENEFITS

- Dual-sided teeth versatility in 8M, 14M, XL, L and H profiles.
- High-grade compounding.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- More compact drive designs.
- Oil, heat, ozone and abrasion resistant.

# DUAL HI-PERFORMANCE *Pd*<sup>TM</sup>

## D 8 M

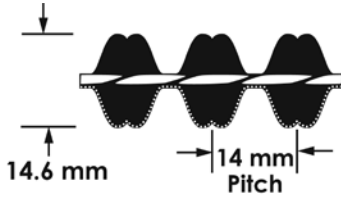


Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
D 8M 480	480	60	D 8M 1440	1440	180
D 8M 560	560	70	D 8M 1600	1600	200
D 8M 600	600	75	D 8M 1760	1760	220
D 8M 640	640	80	D 8M 1800	1800	225
D 8M 720	720	90	D 8M 2000	2000	250
D 8M 800	800	100	D 8M 2400	2400	300
D 8M 880	880	110	D 8M 2600	2600	325
D 8M 960	960	120	D 8M 2800	2800	350
D 8M 1040	1040	130	D 8M 3048	3048	381
D 8M 1120	1120	140	D 8M 3280	3280	410
D 8M 1200	1200	150	D 8M 3600	3600	450
D 8M 1280	1280	160	D 8M 4400	4400	550

Cut belts widths: 20 mm  
 30 mm  
 50 mm  
 85 mm

Sleeve: 152 mm

## D 14 M



Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
D 14M 966	966	69	D 14M 3150	3150	225
D 14M 1092	1092	78	D 14M 3360	3360	240
D 14M 1190	1190	85	D 14M 3500	3500	250
D 14M 1400	1400	100	D 14M 3850	3850	275
D 14M 1610	1610	115	D 14M 4326	4326	309
D 14M 1778	1778	127	D 14M 4578	4578	327
D 14M 1890	1890	135	D 14M 4956	4956	354
D 14M 2100	2100	150	D 14M 5320	5320	380
D 14M 2310	2310	165	D 14M 5740	5740	410
D 14M 2450	2450	175	D 14M 6160	6160	440
D 14M 2590	2590	185	D 14M 6860	6860	490
D 14M 2800	2800	200			

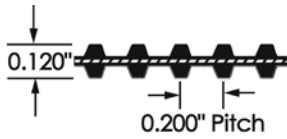
Cut belts widths: 30 mm  
 40 mm  
 85 mm  
 115 mm

Sleeve: 152 mm

SYNCHRONOUS



# DUAL POSITIVE DRIVE



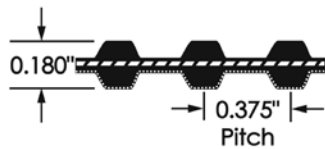
## D XL

1/5-inch pitch

For business machines, instruments, sound equipment, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D XL 60	6,0	152,40	30	D XL 220	22,0	558,80	110
D XL 70	7,0	177,80	35	D XL 230	23,0	584,20	115
D XL 80	8,0	203,20	40	D XL 240	24,0	609,60	120
D XL 90	9,0	228,60	45	D XL 250	25,0	635,00	125
D XL 100	10,0	254,00	50	D XL 260	26,0	660,40	130
D XL 110	11,0	279,40	55	D XL 280	28,0	711,20	140
D XL 120	12,0	304,80	60	D XL 290	29,0	736,60	145
D XL 130	13,0	330,20	65	D XL 300	30,0	762,00	150
D XL 140	14,0	355,60	70	D XL 310	31,0	787,40	155
D XL 150	15,0	381,00	75	D XL 330	33,0	838,20	165
D XL 160	16,0	406,40	80	D XL 362	36,2	919,50	181
D XL 170	17,0	431,80	85	D XL 392	39,2	995,70	196
D XL 180	18,0	457,20	90	D XL 450	45,0	1143,00	225
D XL 190	19,0	482,60	95	D XL 492	49,2	1249,70	246
D XL 200	20,0	508,00	100	D XL 690	69,0	1752,60	345
D XL 210	21,0	533,40	105	D XL 900	90,0	2286,10	450

Width: 1/4 inch = 025, 3/8 inch = 037, Sleeve: 152 mm



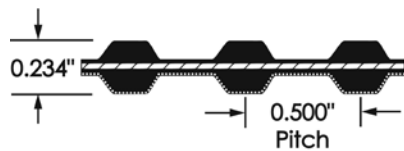
## D L

3/8-inch pitch

For fraction power-rated motor applications such as in-home appliances, small tools, pumps, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D L 124	12,4	314,90	33	D L 345	34,5	876,30	92
D L 150	15,0	381,00	40	D L 367	36,7	933,45	98
D L 187	18,7	475,90	50	D L 390	39,0	990,60	104
D L 210	21,0	533,40	56	D L 420	42,0	1066,80	112
D L 225	22,5	571,50	60	D L 450	45,0	1143,00	120
D L 240	24,0	609,60	64	D L 480	48,0	1219,20	128
D L 255	25,5	647,70	68	D L 510	51,0	1295,40	136
D L 270	27,7	685,80	72	D L 540	54,0	1371,60	144
D L 285	28,5	723,90	76	D L 600	60,0	1524,00	160
D L 300	30,0	762,00	80	D L 660	66,0	1676,40	176
D L 322	32,2	819,15	86				

Width: 1/2 inch = 050, 3/4 inch = 075, 1 inch = 100  
Sleeve: 152 mm



## D H (Heavy)

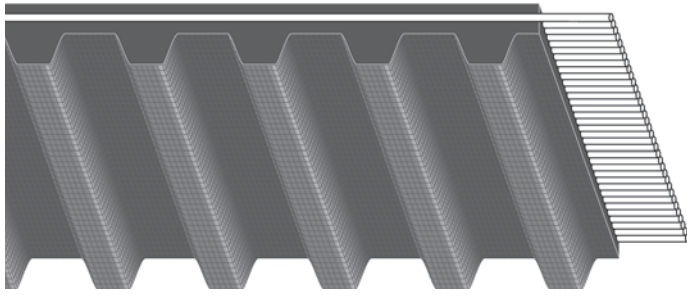
1/2-inch pitch

For machine tools, pumps, fans, presses, motor generator sets, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D H 240	24,0	609,60	48	D H 600	60,0	1524,00	120
D H 270	27,0	685,80	54	D H 630	63,0	1600,20	126
D H 300	30,0	762,00	60	D H 660	66,0	1676,40	132
D H 330	33,0	838,20	66	D H 700	70,0	1778,00	140
D H 360	36,0	914,40	72	D H 750	75,0	1905,00	150
D H 390	39,0	990,60	78	D H 800	80,0	2032,00	160
D H 420	42,0	1066,80	84	D H 850	85,0	2159,00	170
D H 450	45,0	1143,00	90	D H 900	90,0	2286,00	180
D H 480	48,0	1219,20	96	D H 1000	100,0	2540,00	200
D H 510	51,0	1295,40	102	D H 1100	110,0	2794,00	220
D H 540	54,0	1371,60	108	D H 1250	125,0	3175,00	250
D H 560	56,0	1422,40	112	D H 1400	140,0	3556,00	280
D H 570	57,0	1447,80	114	D H 1700	170,0	4318,00	340

Width: 3/4 inch = 075, 1 inch = 100, 1 1/2 inch = 150, 2 inches = 200, 3 inches = 300  
Sleeve: 152 mm

# OPEN END *Pd*<sup>TM</sup>



Part No: 5M 15  
 5M 5mm Pitch  
 15 15 mm Wide

Part No: XL 075  
 XL Pitch-Trapezoidal Tooth  
 075 .75" Wide

## APPLICATIONS

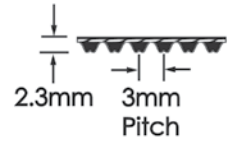
For synchronized applications.

- Elevation Mechanisms
- Positioning Drives
- Linear Motion Drives
- Metering Drives
- Open/Close Mechanisms
- Conveying Drives
- Reciprocating Drives
- Reversing Drives
- Replaces Chain Applications
- Fixed Center Drives
- Synchronized Tracking

## KEY FEATURES & BENEFITS

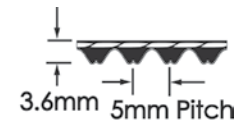
- Wide load range available from various cross sections.
- High power-to-weight ratio allows for lighter metallic or nonmetallic pulleys for greater weight savings.
- Provides space-saving design opportunities using small pulleys, short centers and narrow belts.
- Smooth engagement of belt and pulley eliminates chatter and vibration.
- Low noise improves aesthetic acceptance of equipment.
- Requires no lubrication or retensioning.

## HPPD+ (Round Tooth)



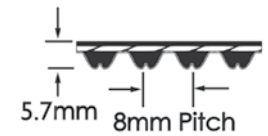
### 3 M

Belt reference	Profile	Roll length m	Kg/Meter
3M06	3M	69	0,01
3M09	3M	46	0,02
3M15	3M	26	0,04



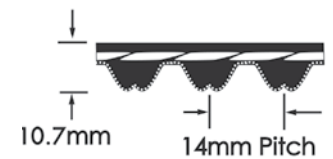
### 5 M

Belt reference	Profile	Roll length m	Kg/Meter
5M09	5M	145	0,04
5M15	5M	84	0,06
5M25	5M	53	0,10
5M50	5M	26	0,20



### 8 M

Belt reference	Profile	Roll length m	Kg/Meter
8M15	8M	122	0,09
8M20	8M	91	0,12
8M25	8M	69	0,15
8M30	8M	61	0,18
8M40	8M	46	0,21
8M50	8M	38	0,30
8M75	8M	23	0,44
8M80	8M	15	0,48
8M85	8M	15	0,50



### 14 M

Belt reference	Profile	Roll length m	Kg/Meter
14M40	14M	46	0,45
14M55	14M	30	0,66
14M85	14M	26	1,11
14M115	14M	20	1,55

Roll length +/- 10 %.  
 Available with glas/aramid cord.

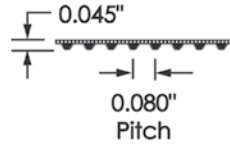
SYNCHRONOUS





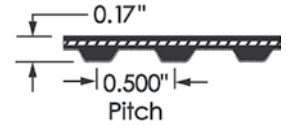
# OPEN END Pd™

## POSITIVE DRIVE (Trapezoidal Tooth)



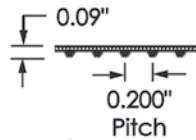
### MXL

Belt reference	Profile	Roll length m	Kg/Meter
MXL012	MXL	229	0,01
MXL019	MXL	145	0,01
MXL025	MXL	107	0,01
MXL037	MXL	69	0,01



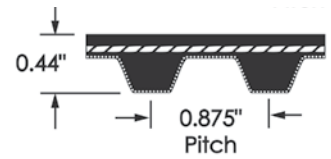
### H

Belt reference	Profile	Roll length m	Kg/Meter
H037	H	206	0,04
H050	H	152	0,05
H062	H	122	0,07
H075	H	107	0,08
H100	H	76	0,11
H150	H	53	0,16
H200	H	38	0,21
H250	H	29	0,27
H300	H	26	0,32



### XL

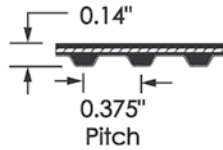
Belt reference	Profile	Roll length m	Kg/Meter
XL025	XL	152	0,01
XL037	XL	99	0,02
XL050	XL	76	0,03
XL075	XL	46	0,04



### XH

Belt reference	Profile	Roll length m	Kg/Meter
XH075	XH	76	0,23
XH100	XH	53	0,30
XH200	XH	29	0,60

Roll length +/- 10 %.



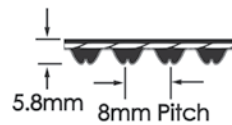
### L

Belt reference	Profile	Roll length m	Kg/Meter
L050	L	152	0,05
L075	L	107	0,07
L100	L	76	0,09

Available with glass/aramid cord.

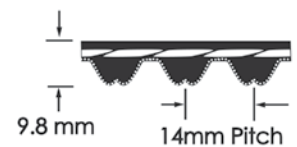
SYNCHRONOUS

## FALCON Htc™



### 8 M (8 mm Pitch)

Belt reference	Roll Length
8GTR-12	133
8GTR-21	74
8GTR-36	41
8GTR-62	22



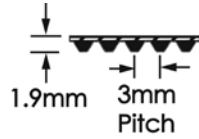
### 14 M (14 mm Pitch)

Belt reference	Roll Length
14GTR-20	77
14GTR-37	39
14GTR-68	19

# OPEN END

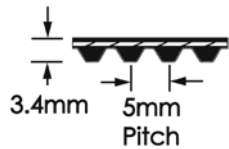
## SUPER TORQUE Pd™ (Round Tooth)

### S 3 M



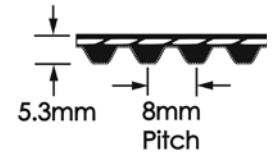
Belt reference	Profile	Roll length m	Kg/Meter
50S3M	S3M	84	0,01
60S3M	S3M	69	0,01
90S3M	S3M	46	0,02
100S3M	S3M	38	0,02
200S3M	S3M	20	0,05

### S 5 M



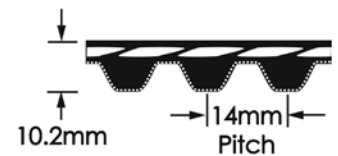
Belt reference	Profile	Roll length m	Kg/Meter
60S5M	S3M	297	0,02
100S5M	S5M	175	0,04
150S5M	S5M	114	0,06
250S5M	S5M	69	0,10

### S 8 M



Belt reference	Profile	Roll length m	Kg/Meter
100S8M	S8M	183	0,05
150S8M	S8M	122	0,08
175S8M	S8M	99	0,09
200S8M	S8M	91	0,11
250S8M	S8M	69	0,13
300S8M	S8M	61	0,16
350S8M	S8M	53	0,18
400S8M	S8M	46	0,21
500S8M	S8M	38	0,26
600S8M	S8M	30	0,32

### S 14 M



Belt reference	Profile	Roll length m	Kg/Meter
400S14M	S14M	46	0,45
550S14M	S14M	30	0,62
600S14M	S14M	30	0,68

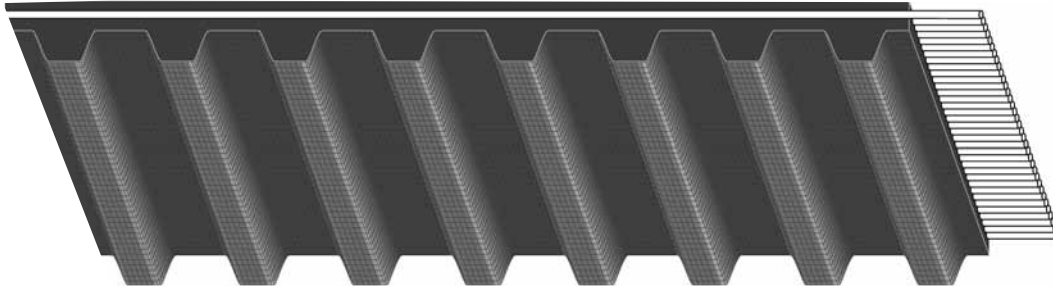
Roll length +/- 10 %.

Available with glass/aramid cord.

SYNCHRONOUS



# COTTON CLEANER



Part No: 64 CCB  
64 64" Pitch Length  
CCB 1" Pitch

SYNCHRONOUS

## APPLICATIONS

Synchronous belts specially designed for driving the cylinders on Cotton Gin Incline cleaner machines.

## KEY FEATURES & BENEFITS

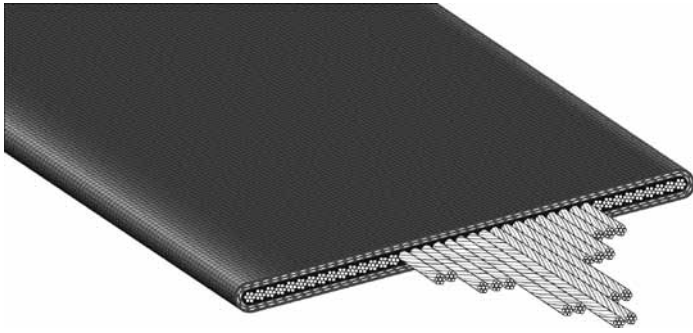
- Steel tensile cords.
- Long service life in harsh environments.

Belt reference	Length (index)	Number of teeth
61CCB142	61.0"	61
63CCB165	63.0"	63
64CCB170	64.0"	64
65CCB175	65.0"	65

Cotton Cleaner belts available on request. Please contact Veyance Technologies Europe PTP marketing.

SPECIALTY

# FLAT BELTING (TRULY ENDLESS)



Part No: Compass "L" Flat Belt

SPECIALTY

## TRULY ENDLESS MULTIPLE PLY BELT

### Sizes:

- Available in widths of 1" to 48" (drum cured) and 1" to 36" (press cured).
- Product availability in truly endless or roll lot construction.

### APPLICATIONS

Handles a wide range of power and speeds in both industrial and agricultural drives.

- Harvesting Equipment
- Soil Handling
- Textiles and Forestry
- Food Processing
- Hay Equipment
- Chain Replacement
- Industrial Equipment
- Health and Fitness
- Direct Gear Drive Replacement
- Material Handling

### KEY FEATURES & BENEFITS

- Smooth, quiet operation and long belt life.
- Uniform belt surface with no splicing.
- High-tensile strength.
- High coefficient of friction.
- Lightweight.
- No lubrication necessary.
- Transverse rigidity.

We manufacture a complete line of flat belting from Truly Endless Compass and Multiple Ply belts to Regulator Power Strap flat belts for the health and fitness industry.

## COMPASS® CORD BELT

Drum Cured	Type of Service	Construction	Min. Width	Max. Width	Min. Length	Max. Length
Compass L Compass M	Light Medium	Endless Endless	1" 2"	10" 28"	24-1/2" 24-1/2"	120" 169-5/8"

Note: Compass L maximum length is 120".

Press Cured	Type of Service	Construction	Min. Width	Max. Width	Min. Length	Max. Length
Compass M	Medium	Endless	2"	36"	120"	135'
Compass C	Heavy	Endless	4"	36"	120"	135'
Compass H	Extra Heavy	Endless	4"	36"	120"	135'
*Compass 250 Steel	Special	Endless	4"	36"	120"	135'
Compass 450 Steel	Special	Endless	10"	36"	120"	135'

Press Cured belts 30" to 34" wide require a minimum length of 14' (168").

Press Cured belts above 36" wide require a minimum length of 17' (204").

\* Compass 250 Steel belts under 120" have a maximum width of 18", over 120" limitations do not apply (up to 38").

NOTE: Belting made by continuous build endless method has a length tolerance of plus or minus 1%.

Flat belts available on request. Please contact Veyance Technologies Europe PTP marketing.



# POWER UP THE VALUE.

## LASER ALIGNMENT TOOL

The Goodyear Engineered Products brand Laser Alignment Tool is fast, convenient and attaches in a few seconds, delivering a highly visible sight line. When the laser line lies within the target openings, the pulleys/sprockets are correctly positioned. The result is a fast and precise alignment. Power transmission belts including synchronous, V-belts, flatbelts and more can be aligned equally well. The smart design of the magnetic attachment surface also allows for alignment of both small and large sheaves. For nonmagnetic pulleys, double-sided tape can be used to affix the tool for an added range of applications. (PN 20245089)



### KEY FEATURES & BENEFITS

- Detects both radial and axial misalignment
- Easier to use than conventional methods of misalignment detection
- Affixes to most pulley and sprocket types
- Also suitable for nonmagnetic pulleys/sprockets
- Single operator friendly

## MAXIMIZERPRO™ DRIVE SELECTION ANALYSIS PROGRAM



Maximize your energy savings with MaximizerPro—the newest and most powerful version of our exclusive drive system analysis software. Still as simple and intuitive to use as ever, MaximizerPro has all the features you’ve come to know, plus some new, powerful upgrades. Data entered into the software is cross-checked against MaximizerPro’s robust database of available products. The resulting customized report outlines specific products that can help you reach maximum efficiency and energy savings. MaximizerPro can enhance your drive systems the first time and every time. ([www.goodyear-epe.com](http://www.goodyear-epe.com))

### KEY FEATURES & BENEFITS

- Chain drive data solutions (even for old-fashioned chain drive systems)
- Multi-pulley design to layout drive geometries for drives with more than two pulleys
- Specific drive solutions for maximum optimization

## TENSIONRITE® BELT FREQUENCY METER

Provides a simple, repeatable and reliable method for tensioning belts using optical technology. It displays the natural vibration frequency of a belt so you can closely monitor belt tension. The device calculates the corresponding belt tension in either English or SI units. (PN 20287454)

### KEY FEATURES & BENEFITS

- Light optics based tensioning
- Quartz crystal-based solid-state circuitry
- Direct vs. indirect measurement of vibration frequency
- Meter range matches “real-life” belt installation parameters
- Can be used with all belt types



# TECHNICAL INFORMATION

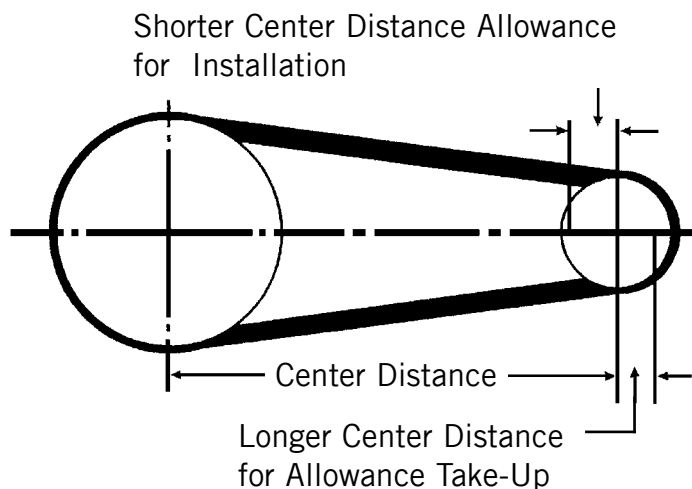
## BELT INSTALLATION & TENSIONING

### OBJECTIVE:

Goodyear Engineered Products Synchronous timing belts must be installed and tensioned properly to ensure optimum performance. Sprocket alignment must be preserved while tensioning the drive.

Before beginning, inspect the belt for damage and verify that the sprockets are properly mounted. Refer to sprocket and bushing manufacturer installation procedure. Belts should never be crimped or bent to a diameter less than the minimum sprocket diameter, approximately 65 mm for 8 mm belts and 130 mm for 14 mm belts.

1. Shorten the center distance or release the tensioning idler to install the belt. Do not pry the belt onto the sprocket. Refer to the following Center Distance Allowance tables for required center distance adjustment.



Apply the following center distance allowances for the HPPD+, White Hawk, Black Hawk and Falcon HTC. A center distance adjustment, or decrease in center distance, is necessary to install a belt. In addition, an increase in center distance will be necessary for proper tensioning. If you install a belt together with sprockets, allow the following decrease in center distance for installation and an increase in center distance for tensioning.

Pitch Length Range (mm)	Allowance (Decrease) for Installation 8M, 14M Belts (mm)	Allowance (Increase) for Take-Up 8M, 14M Belts (mm)
Less than 1525	2.5	2.5
1525-3050	5.0	5.0
Greater than 3050	7.5	7.5

If you install a belt over one flanged sprocket and one unflanged sprocket with the sprockets already installed on the drive, allow the following decrease in center distance for installation and increase in center distance for tensioning.

Pitch Length Range (mm)	Allowance (Decrease) for Installation		Allowance (Increase) for Take-Up 8M, 14M Belts (mm)
	8M Belts	14M Belts (mm)	
Less than 1525	22.5	36.5	2.5
1525-3050	25.0	39.0	5.0
Greater than 3050	27.5	41.5	7.5

If you install the belt over two flanged sprockets that are already installed on the drive, allow the following decrease in center distance for installation and increase in center distance for tensioning.

Pitch Length Range (mm)	Allowance (Decrease) for Installation		Allowance (Increase) for Take-Up 8M, 14M Belts (mm)
	8M Belts	14M Belts (mm)	
Less than 1525	34.5	59.2	2.5
1525-3050	37.0	62.0	5.0
Greater than 3050	39.5	64.5	7.5

Consider the following center distance allowances when installing Eagle NRG sprockets. Since flanges are not necessary on Eagle NRG drives, only one table of center distance allowances is provided.

Pitch Length Range (mm)	Allowance (Decrease) for Installation		Allowance (Increase) for Take-Up 8M, 14M Belts (mm)
	8M Belts	14M Belts (mm)	
Less than 1525	10.0	15.0	2.5
Greater than 1525	15.5	18.0	5.0

- Place the belt on each sprocket and ensure proper engagement between the sprocket and belt teeth.
- Lengthen the center distance or adjust the tensioning idler to remove any belt slack.
- Using a tape measure, measure the span length of the drive. Refer to dimension "P" in the diagram on the next page. The span length can be calculated using the below formula.

GENERAL INFORMATION





# TECHNICAL INFORMATION

5. Place a straightedge or reference line across the top of the belt.

6. Determine the proper deflection force to tension the belt. Deflection forces are given in the following tables. Deflection forces are also given on the output of the MaximizerPro computer drive analysis.

a) If using a tension gauge, the deflection scale is calibrated in cm of span length. Check the force required to deflect the belt the proper amount. There is an O-ring to help record the force. If the measured force is less than the required deflection force, lengthen the center distance. If the measured force is greater than the required deflection force, shorten the center distance. See chart on page 71 for deflection values and tension gauges available.

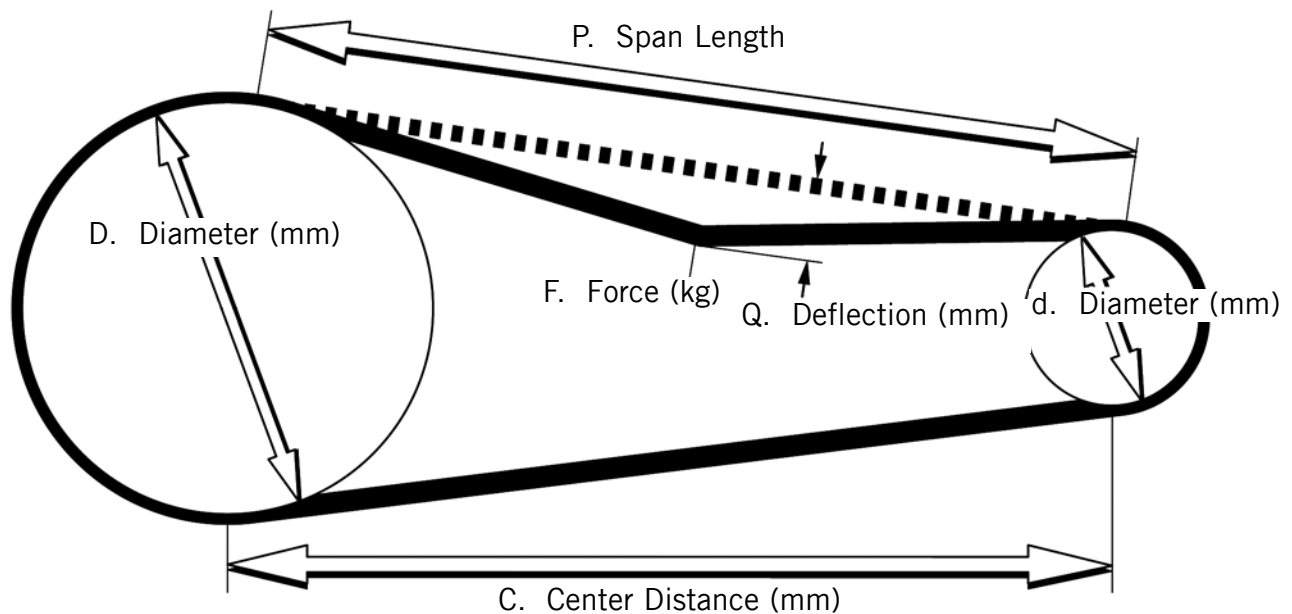
b) If using other means to apply force to the belt, adjust the center distance so that the belt is deflected 15 mm per metre

of span length when the proper force is applied. See chart on page 71 regarding TensionRite Belt Frequency Meter which calculates belt tension by measuring span vibrations.

7. After the belt is properly tensioned, lock down the center distance adjustments and recheck the sprocket alignment.

8. If possible, run the drive for approximately 5 minutes with or without load. Stop the drive and lock out the power source and examine alignment, capscrew torque and belt tension. Adjust the center distance to increase the belt tension to the "New " value in the Table on page 71. Lock down the drive adjustments and recheck tension.

9. Recheck the belt tension, alignment, and capscrew torque after eight hours of operation to ensure the drive has not shifted.



- F = Deflection Force
- Q = Deflection, 15 mm per metre of span length
- C = Center Distance
- D = Large Sprocket Pitch Diameter
- d = Small Sprocket Pitch Diameter
- P = Span Length

$$P = \sqrt{C^2 - \left(\frac{D-d}{2}\right)^2}$$

# TECHNICAL INFORMATION

## DEFLECTION FORCES FOR BELT TENSIONING (KG)

Use with Deflection Gauges

Belt Type	0-100 RPM		101-1000 RPM		1000-up RPM		
	New Belt	Used Belt	New Belt	Used Belt	New Belt	Used Belt	
<b>Eagle NRG</b> <sup>a</sup>	Yellow	7	5	5	4	4	3
	White	14	9	11	8	9	6
	Purple	27	19	21	15	17	12
	Blue	24	17	20	14	17	12
	Green	36	26	30	21	26	18
	Orange	48	34	40	28	34	25
	Red	72	52	59	42	52	37
<b>Falcon HTC</b> <sup>b</sup>	8GTR 12	11	8	6	5	4	3
	8GTR 21	19	14	11	8	7	5
	8GTR 36	33	23	19	14	12	10
	8GTR 62	56	40	33	24	21	16
	14GTR 20	17	13	14	10	13	10
	14GTR 37	32	24	26	20	24	18
	14GTR 68	59	45	48	35	43	32
	14GTR 90	78	59	64	47	57	43
	14GTR 125	108	82	88	65	79	59
<b>Blackhawk Pd</b> <sup>c</sup>	8MBH 20	9.4	6.7	6.9	4.9	5.5	4.0
	8MBH 30	14.1	10.1	10.3	7.4	8.3	5.9
	8MBH 50	23.5	16.8	17.2	12.3	13.8	9.9
	8MBH 85	39.9	28.5	29.3	20.9	23.5	16.8
	14MBH 40	33.5	23.9	25.5	18.2	21.9	15.6
	14MBH 55	46.0	32.9	35.0	25.0	30.1	21.5
	14MBH 85	71.1	50.8	54.1	38.6	46.6	33.3
	14MBH 115	96.2	68.7	73.2	52.3	63.0	45.0
	14MBH 170	142.2	101.6	108.2	77.3	93.1	66.5
<b>Whitehawk Pd</b> <sup>d</sup>	8M 20	7	5	6	5	5	4
	8M 30	10	8	9	7	9	6
	8M 50	18	13	16	12	14	11
	8M 85	31	23	27	20	25	18
	14M 40	21	15	17	13	14	11
	14M 55	32	23	25	18	22	16
	14M 85	52	38	42	31	36	26
	14M 115	73	53	59	43	50	36
	14M 170	112	81	90	66	77	56

### PART NUMBER

Small Tension Tester (PN 20044882)

Application: < 13kg Deflection force



### PART NUMBER

Large Tension Tester (PN 20083777)

Application: > 13kg Deflection force



## BELT STRAND TENSION (NEWTONS)

Use only with TensionRite™ Belt Frequency Meter

Belt Type	0-100 RPM		101-1000 RPM		1000-up RPM		Belt Weight (kg/m)	
	New Belt	Used Belt	New Belt	Used Belt	New Belt	Used Belt		
<b>Eagle NRG</b> <sup>a</sup>	Yellow	998	713	784	499	570	428	0.071
	White	1995	1354	1568	1070	1212	785	0.142
	Purple	3990	2780	3065	2140	2424	1641	0.283
	Blue	3633	2494	2921	1996	2494	1711	0.254
	Green	5382	3745	4386	3034	3745	2607	0.38
	Orange	7195	4989	5843	4063	4989	3494	0.507
	Red	10836	7562	8701	6067	7562	5213	0.761
<b>Falcon HTC</b> <sup>b</sup>	8GTR 12	1646	1148	934	650	578	436	0.064
	8GTR 21	2883	2029	1673	1175	1032	748	0.112
	8GTR 36	4944	3449	2808	1953	1740	1313	0.192
	8GTR 62	8512	5949	4810	3386	3030	2247	0.33
	14GTR 20	2541	1900	2042	1473	1829	1330	0.163
	14GTR 37	4681	3542	3756	2759	3400	2474	0.301
	14GTR 68	8628	6492	6919	4997	6207	4499	0.55
	14GTR 90	11436	8588	9229	6666	8232	6025	0.738
	14GTR 125	15921	11863	12789	9229	11436	8303	1.023
<b>Blackhawk Pd</b> <sup>c</sup>	8MBH 20	1367	976	974	696	752	537	0.076
	8MBH 30	2050	1465	1461	1044	1128	806	0.114
	8MBH 50	3417	2441	2435	1739	1880	1343	0.19
	8MBH 85	5810	4150	4139	2957	3196	2283	0.323
	14MBH 40	4937	3527	3688	2634	3131	2237	0.328
	14MBH 55	6789	4849	5071	3622	4306	3075	0.451
	14MBH 85	10492	7494	7836	5597	6654	4753	0.697
	14MBH 115	14195	10139	10602	7573	9002	6430	0.943
	14MBH 170	20983	14988	15673	11195	13308	9506	1.394
<b>Whitehawk Pd</b> <sup>d</sup>	8M WH 20	993	708	851	637	779	566	0.118
	8M WH 30	1525	1098	1311	955	1240	884	0.176
	8M WH 50	2589	1877	2304	1664	2091	1521	0.289
	8M WH 85	4593	3241	4024	2885	3668	2600	0.507
	14M WH 40	3168	2242	2527	1815	2100	1531	0.438
	14M WH 55	4739	3387	3743	2675	3173	2248	0.583
	14M WH 85	7879	5602	6242	4463	5246	3751	0.913
	14M WH 115	11021	7889	8743	6252	7320	5185	1.233
	14M WH 170	16970	12130	13554	9639	11418	8144	1.835

### PART NUMBER

TensionRite Belt Frequency Meter

(PN 20287454)



- The table values are typically larger than necessary to cover the broad load range.
- For drives where hub loads are critical and high speed drives or other drives with special circumstances, the table values (deflection force, installation tension) should be calculated with MaximizerPro drive design software (recommended) or by using Goodyear Synchronous Belt engineering manual.
- Veyance Technologies offers three different tension gauges for properly tensioning Eagle NRG, Whitehawk Pd or Blackhawk Pd belts. Please contact Veyance Technologies Europe PTP marketing.



# TECHNICAL INFORMATION

## DEFLECTION FORCES FOR BELT TENSIONING (KG)

Use with Deflection Gauges

	Belt Type	New belt	Used belt
<b>HPPD+</b>	HPPD+ 5M 9	0,7	0,5
	HPPD+ 5M 15	1,3	1,0
	HPPD+ 5M 25	2,3	1,7
	HPPD+ 8M 20	2,7	2,0
	HPPD+ 8M 30	4,3	3,2
	HPPD+ 8M 50	7,5	5,7
	HPPD+ 8M 85	14,5	11,3
	HPPD+ 14M 40	9,3	7,0
	HPPD+ 14M 55	13,6	10,4
	HPPD+ 14M 85	22,2	17,0
	HPPD+ 14M 115	31,5	24,0
	HPPD+ 14M 170	49,9	38,6
	HPPD+ 20M 115	47,6	36,3
	HPPD+ 20M 170	72,6	54,4
	HPPD+ 20M 230	99,8	74,8
HPPD+ 20M 290	129,3	97,5	
<b>Super Torque (STPD)</b>	S8M 20	2,9	2,2
	S8M 30	4,6	3,4
	S8M 50	8,1	6,1
	S8M 85	14,7	11,0
	S14M 40	9,6	7,1
	S14M 55	13,6	10,1
	S14M 85	22,3	16,5
	S14M 115	31,3	23,2
	S14M 170	48,6	36,0

### PART NUMBER

Small Tension Tester (PN 20044882)  
Application: < 13kg Deflection force



### PART NUMBER

Large Tension Tester (PN 20083777)  
Application: > 13kg Deflection force



## BELT STRAND TENSION (NEWTONS)

	Belt Type	New belt	Used belt	Specific mass (kg/m)
<b>HPPD+</b>	HPPD+ 5M 9	104	74	0,04
	HPPD+ 5M 15	185	132	0,066
	HPPD+ 5M 25	325	232	0,11
	HPPD+ 8M 20	371	265	0,11
	HPPD+ 8M 30	581	415	0,164
	HPPD+ 8M 50	1053	752	0,274
	HPPD+ 8M 85	2164	1546	0,466
	HPPD+ 14M 40	1317	941	0,42
	HPPD+ 14M 55	1980	1414	0,577
	HPPD+ 14M 85	3255	2325	0,891
	HPPD+ 14M 115	4627	3305	1,206
	HPPD+ 14M 170	7504	5360	1,783
	HPPD+ 20M 115	7146	5104	1,536
	HPPD+ 20M 170	10737	7669	2,271
	HPPD+ 20M 230	14790	10564	3,072
HPPD+ 20M 290	19341	13815	3,874	
<b>Super Torque (STPD)</b>	S8M 20	392	280	112
	S8M 30	616	440	169
	S8M 50	1106	790	281
	S8M 85	2030	1450	478
	S14M 40	1344	960	469
	S14M 55	1925	1375	644
	S14M 85	3164	2260	996
	S14M 115	4466	3190	1647
	S14M 170	6972	4980	1992

### PART NUMBER

TensionRite Belt Frequency Meter (PN 20287454)



GENERAL INFORMATION

1. The table values are typically larger than necessary to cover the broad load range.
2. For drives where hub loads are critical and high speed drives or other drives with special circumstances, the table values (deflection force, installation tension) should be calculated with MaximizerPro drive design software (recommended) or by using Goodyear Synchronous Belt engineering manual.
3. Veyance Technologies offers three different tension gauges for properly tensioning Eagle NRG, Whitehawk Pd or Blackhawk Pd belts. Please contact Veyance Technologies Europe PTP marketing.

# TECHNICAL INFORMATION

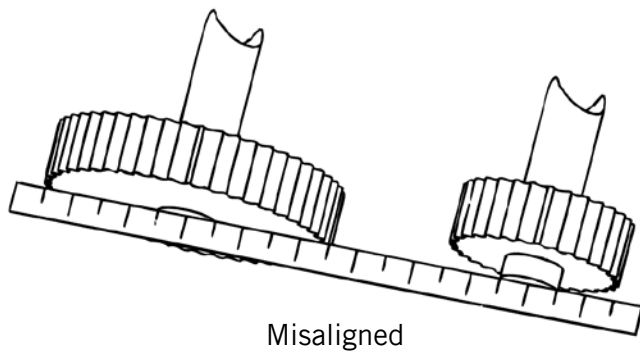
## DRIVE ALIGNMENT

Synchronous belts are very sensitive to misalignment. The tension carrying member has a high tensile strength and resistance to elongation, resulting in a very stable belt product. Any misalignment will lead to inconsistent belt wear, uneven load distribution and premature tensile failure. In general, synchronous drives should not be used where misalignment is

a problem. Misalignment should be limited to 1/4 degree or 4,5 mm per meter of center distance.

With parallel shafts, misalignment occurs when there is an offset between the sprocket faces as in Figure A. Misalignment also occurs when the shafts are not parallel as in Figure B.

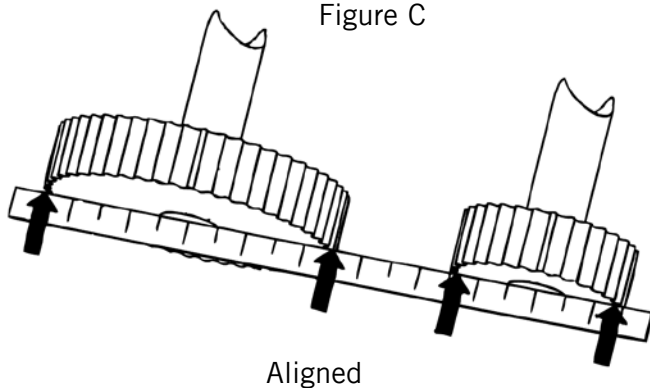
Figure A



Misaligned

Any degree of misalignment will reduce belt life and cause edge wear. Therefore, a straightedge should be used to check proper alignment verifying that sprockets and shafts are parallel, as in Figure C.

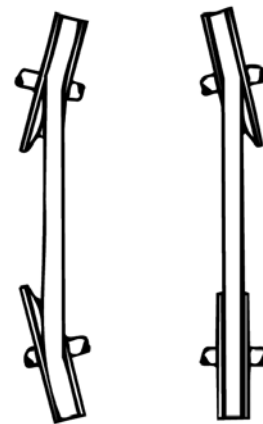
Figure C



Aligned

Misalignment, at times, may cause tracking problems. Although some tracking is normal and will not affect belt performance, it may be caused by poorly aligned sprockets. Flanges may control a tracking problem. Considering a two-sprocket drive, belt contact on a single flange is acceptable. Belt contact with the opposite flanges of two sprockets should be avoided.

Figure B

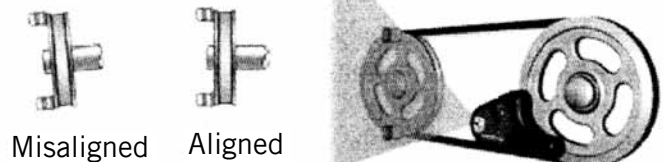


### Correct Alignment

A straightedge should touch the sprocket at the four points indicated. Both front and back alignments should be checked.

### Laser Alignment Tool

Goodyear Engineered Products Laser Alignment Tool provides an alternative to checking alignment with a straightedge. Each laser alignment tool comes with a rugged carrying case and detailed instructions to get you started with the quickest, easiest and most versatile alignment tool on the market today.



Misaligned    Aligned

Misalignment can also be attributed to the improper installation of a bushing or loose drive framework. Refer to sprocket manufacture guidelines for proper bushing installation. Secure motor and framework to eliminate vibration on center-to-center fluctuations.



# TECHNICAL INFORMATION

## GOODYEAR ENGINEERED PRODUCTS SYNCHRONOUS CAUSES OF PREMATURE FAILURE

Type of Failure	Cause of Failure	Corrective Action													
		Check Alignment	Adjust Tension	Check Horsepower Rating	Check Belt/Sprocket Compatibility	Replace Sprocket	Use Correct Sprocket Diameter	Eliminate or Control Condition	Clean and Protect Drive	Follow Proper Handling Procedure	Reinstall, Replace, Repair Flange	Remount Bushing and Sprocket	Change Sprocket Material	Use Inside Idler	Redesign Drive
Excessive Edge Wear	Misalignment or Improper Tracking	●													
	Bent or Rough Flange									●					
	Damage Due to Handling								●						
	Belt Too Wide				●										
	Low Belt Tension		●												
	Belt Hitting Obstruction								●						
Excessive Tooth Wear	Excessive Load			●											
	Belt Overtensioned/Undertensioned		●												
	Rough or Damaged Sprocket					●									
	Partial Belt Engagement	●													
	Bushing/Sprocket Assembly										●				
	Misalignment	●													
	Incorrect Match of Belt and Sprocket				●										
	Worn Sprocket					●									
	Sprocket Out of Tolerance					●									
	Soft Sprocket Material											●			
Debris in Sprocket								●							
Apparent Belt Elongation	Change in Center Distance		●												
	Center Distance Fluctuates													●	
	Weak Drive Structure or Mounts													●	
	Worn Sprocket					●									
	Debris in Sprocket								●						
	Excessive Load								●						
	Sprocket Diameter below Minimum Recommendation						●								
	Excessive Low or High Temperature							●							
	Exposure to Oil, Solvents, Harsh Chemicals							●							
Cracks in Backing	Excessive Low or High Temperature							●							
	Sprocket Diameter below Minimum Recommendation						●								
	Backside Idler											●			
	Exposure to Oil, Solvents, Harsh Chemicals							●							

GENERAL INFORMATION

# TECHNICAL INFORMATION

## GOODYEAR ENGINEERED PRODUCTS SYNCHRONOUS CAUSES OF PREMATURE FAILURE

		Corrective Action													
Type of Failure	Cause of Failure	Check Alignment	Adjust Tension	Check Horsepower Rating	Check Belt/Sprocket Compatibility	Replace Sprocket	Use Correct Sprocket Diameter	Eliminate or Control Condition	Clean and Protect Drive	Follow Proper Handling Procedure	Reinstall, Replace, Repair Flange	Remount Bushing and Sprocket	Change Sprocket Material	Use Inside Idler	Redesign Drive
Tooth Shear	Excessive Load/Shock Load			●											
	Sprocket Diameter Below Minimum Recommendation						●								
	Less Than 6 Teeth in Mesh			●											
	Excessive Sprocket Runout					●									
	Worn Sprocket					●									
	Backside Idler													●	
	Incorrect Match of Belt and Sprocket					●									
Tensile Failure	Misalignment	●													
	Belt Overtensioned/Undertensioned		●												
	Excessive Load/Shock Load			●											
	Sprocket Diameter Below Minimum Recommendation						●								
	Damage Due to Handling									●					
	Debris in Sprocket or Drive								●						
	Excessive Sprocket Runout					●									
Excessive Drive Noise	Misalignment	●													
	Belt Overtensioned/Undertensioned		●												
	Excessive Load			●											
	Sprocket Diameter Below Minimum Recommendation						●								
	Backside Idler													●	
	Worn Sprocket					●									
	Damaged Flange									●					
	Excessive Belt Speed														●
	Incorrect Match of Belt and Sprocket					●									
Unmounting of Flange	Misalignment	●													
	Flange Incorrectly Mounted									●					
Belt Tracking	Misalignment	●													
	Center Distance Exceeds 8X Small Sprocket Diameter	●													
Excessive Pulley Wear	Soft Sprocket Material												●		
	Excessive Load				●										
	Misalignment	●													
	Debris in Sprocket								●						
	Belt Overtensioned/Undertensioned		●												
	Incorrect Match of Belt and Sprocket					●									
Excessive Drive Vibration	Bushing/Sprocket Assembly											●			
	Incorrect Match of Belt and Sprocket					●									
	Belt Overtensioned/Undertensioned	●													





# TECHNICAL INFORMATION

## GOODYEAR ENGINEERED PRODUCTS V-BELT CAUSES OF PREMATURE FAILURE

		Problem																	
		Loose Cover and Swell	Weathering or "Craze" Cracks	Gouges	Spin Burn	Envelope Wear	Uneven Envelope Wear	Ply Separation	Side Split	Broken Belts	Belts Turn Over	Hardening and Premature Cracking	Belt Squeal	Excessive Stretch	Excessive Vibration	Belts Too Long At Installation	Belts Too Short At Installation	Mismatched Belts At Installation	Cut Thru On Top (Joined Belts)
Possible Causes	Excessive Oil	•																	
	Exposure to Elements		•								•								
	Pried Over Sheaves			•					•										
	Contact w/Obstruction			•															
	Insufficient Tension				•						•	•		•					
	Stalled Drive Sheaves				•														
	Constant Slippage					•													
	Rough Sheaves						•												
	Substandard Sheaves							•	•										
	Excessive Tension								•										
	Shock Load									•		•							
	Foreign Material									•									
	Excessive Dust					•													
	Drive Misalignment						•				•								
	Worn Sheaves						•				•							•	•
	Excessive Vibration										•								
	High Ambient Temperature											•							
	Drive Underbelted																		
	Damaged Tensile Member									•					•				
	Incorrect Belts																•	•	
Incorrect Drive Setup																•	•		
Insufficient Take Up																•	•		
Improper Matching													•						
Mixed Old and New Belts													•						
Non Paralel Shafts						•							•						
Different Manufacturers													•				•		
Belt/Pulley, Incompatible													•					•	

GENERAL INFORMATION

# TECHNICAL INFORMATION

## GOODYEAR ENGINEERED PRODUCTS V-BELT CAUSES OF PREMATURE FAILURE

	Problem																	
	Loose Cover and Swell	Weathering or "Craze" Cracks	Gouges	Spin Burn	Envelope Wear	Uneven Envelope Wear	Ply Separation	Side Split	Broken Belts	Belts Turn Over	Hardening and Premature Cracking	Belt Squeal	Excessive Stretch	Excessive Vibration	Belts Too Long At Installation	Belts Too Short At Installation	Mismatched Belts At Installation	Cut Thru On Top (Joined Belts)
Corrective Action	Lubricate Properly	●		●														
	Clean Sheaves and Belt	●																
	Replace Belts		●											●			●	
	Provide Protection		●			●				●								
	Install properly			●			●			●				●				
	Check for Belth Length			●														
	Remove Obstruction			●														
	Tension Properly				●	●					●	●	●	●	●			
	Free Sheaves				●													
	Replace Sheaves					●	●				●		●				●	●
	File Smooth					●												
	Redesign Drive							●										
	Operate Properly								●									
	Align Drive				●	●				●							●	
	Provide Ventilation										●							
	Check for Proper Belt								●				●		●	●		
	Check Machinery													●	●			
	Use Only New Belts																●	
	Use Single Source																●	
	Check Fit																●	
Replace Pulleys																		

GENERAL INFORMATION



# GOODYEAR ENGINEERED PRODUCTS

## MATCHMAKER<sup>®</sup> SYSTEM

Controlling the elongation is the key to matchless performance. Since all materials will elongate in performance, the secret to reliable matchless performance isn't to eliminate elongation, but to control it so it is minimal, predictable and uniform.

The 3-T process removes excess elongation and imparts exceptional dimensional stability. The 3-T process ensures that each belt in a given size will match every other belt of that size, no matter when the belts were produced.

Our Vytacord tensile members are treated with our 3-T process of:

- Temperature
- Tension
- Time

Branded Belt Length	Manufacturing / Match Set Tol. Around Nominal	Belt Length Overall Range
Up to 1,399 mm	+/- 2 mm	4 mm
1,400 to 2,799 mm	+/- 3 mm	6 mm
2,780 mm to 5,199 mm	+/- 5 mm	10 mm
5,200 mm to 13,500 mm	+/- 8 mm	16 mm

The above "Matchmaker" matching tolerances apply to the following belts in Goodyear Engineered Products range:

- Torque-Flex Wedge (SPZ, SPA, SPB and SPC)
- Torque-Flex V (Z, A, B, C and D)
- HY-T Wedge (3V, 5V and 8V)

# OIL & CHEMICAL RESISTANCE

In general, the presence of oil or chemicals in contact with any belt drive system can materially affect the life span and operational characteristics of the system.

Two effects may be noted when belts are exposed to oil and/or chemicals. The most obvious is swelling, which causes the increase of belt dimension and consequently problems with fitting the belt into pulleys. Less apparent is deterioration of original belt properties caused by poor adhesion between belt components.

No one synthetic rubber is resistant to variety of chemicals, notably oils, acids and solvents. Some compounds may be excellent for one chemicals, but poor for another and only adequate for still another.

Because of this, all stock belts manufactured by Goodyear Engineered Products are constructed to be reasonably oil and chemical resistant. The nature of the compounds and/or belt construction may minimize swelling and deterioration. Occasional splattering by

oils and greases does not usually adversely affect standard belts. As can be seen from the above, there are many variables. However, the following general guidelines might be of use in selecting a belt drive system subjected to a chemical environment.

1. Prevent the accumulation of contaminants.
2. If the belts are to be subjected to only an occasional contamination contact, a standard construction V- or synchronous belt can be used.
3. If the belts are expected to give long, trouble-free operation on an industrial drive and they are in contact with oil or exposed to an atmosphere laden with chemicals or solvents, consult a manufacturer for recommendations.

---

# STATIC CONDUCTIVE BELTS

There is always a demand for belts and other rubber products to be used in the presence of explosive gases, liquids, powders, dusts, etc., where the possibility of static sparks must be kept to a minimum.

Any material can be electrified to some extent. If the material is a conductor, however, it may be discharged by connecting any point with the ground. If it is a nonconductor, the charge must be removed at the point where it is generated.

The term "resistivity" applies to the specific resistance of the substance of which the conductor is made. It is numerically equal to the resistance between the opposite faces of a cube of the substance whose edge is one centimeter. The unit of resistivity is the Ohm-Centimeter.

The specific resistivity of most rubber compounds is approximately  $10^{15}$  (10 followed by 14 zeros) ohm-cm. For all practical purposes, it is sufficient to know that the resistivity of rubber is very, very high and that it is a good insulator. It is possible, however, to make a rubber compound having a resistivity of 100 ohm-cm or less. Thus compared to ordinary rubber compounds, these stocks may be classed as conductors. However, when compared to copper, which has a resistivity of 0.0000017 ohm-cm, the very best of conducting rubber compounds, would still be classed as insulators.

The Goodyear Engineered Products conductive belts are produced according to corresponding ISO standards (ISO 1813 for friction belts and ISO 9563 for Synchronous belts). If special customers insist on tighter static conductive limits than required by ISO, such limits should be carefully noted and emphasized on the order so that these belt orders can be specially processed through the plant.

However, merely using a conductive belt does not eliminate the static problem entirely. The entire system must be grounded since, if no ground is provided, the belt or other parts of the system may be charged either by conduction or induction from some outside source.

Belt and pulley surfaces should be kept free of foreign substances, which are not themselves conductors (dirt, dust, belt dressing, etc.). The pulleys must be made out of a conductive material which rules out most nonmetallic materials unless they are specially designed and treated.

Drive conditions and service variables in combination with time in operation can result in a loss of static conductivity. It is recommended that a conductivity check be added to drive preventive maintenance programs where belt static conductivity is a requirement.



# NOTES

# NOTES





# NOTES



FOR MORE INFORMATION ABOUT GOODYEAR ENGINEERED PRODUCTS,  
PLEASE CONTACT YOUR LOCAL GOODYEAR ENGINEERED PRODUCTS REPRESENTATIVE.

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