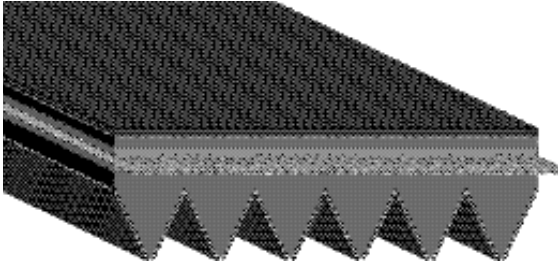




POLY-V



Part No: 180J6
 18.0" Nominal Outside Length
 J J Section Poly-V
 6 6 Ribs

BANDED

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 inch of 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
- Medical Equipment
- Farm Equipment
- Automobiles
- Power Equipment
- Machine Tools

KEY FEATURES & BENEFITS

- Multiple V-ribbed profile provides friction and wedge advantages.
- High-grade engineered rubber.
- Strong Vytacord tensile member.
- L & M cross sections are milled in shorter lengths and are molded in longer lengths.
- Oil, heat, ozone, and abrasion resistant.

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.

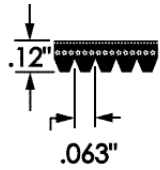
Even distribution of stress on the belt also reduces differential loading and wear on sheaves. It's not unusual for Poly-V belt sheaves to last significantly longer than standard V-belt sheaves and to experience lower maintenance requirements during this longer life.

IMPROVE DRIVE DESIGN WHILE YOU REDUCE DRIVE COST

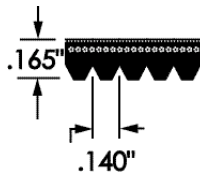
The combination of high-power capacity and low-profile design means the Poly-V drive can improve the drive design while lowering drive costs.

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



H SECTION

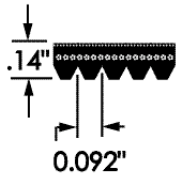


K SECTION

H and K Sections are nonstock. Standard factory lead times will apply. Minimums apply. Contact your local Goodyear power transmission products distributor.

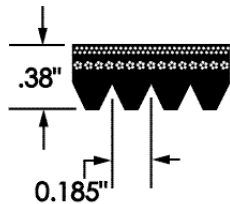
Stock Construction: No minimum quantity required. Can order any number of ribs up to maximum number of ribs per belt (Max Ribs/Belt) shown below.

J SECTION



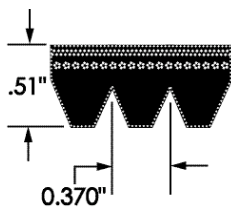
Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt
180J	68	610J	68	353J*	145
190J	68	650J	68	420J*	145
200J	68	730J	68	444J*	68
220J	68	870J	68	552J*	68
240J	68	920J	68	546J*	68
260J	68	980J	68	575J*	145
280J	68	100J*	40	640J*	68
300J	68	105J*	40	690J*	145
320J	68	110J*	40	770J*	145
340J	68	120J*	40	776J*	68
360J	68	140J*	46	810J*	145
380J	68	147J*	45	878J*	145
400J	68	204J*	68	890J*	68
430J	68	210J*	68	895J*	145
460J	68	230J*	70	904J*	145
490J	68	243J*	68	940J*	145
520J	68	270J*	68	994J*	145
550J	68	310J*	145	1000J*	145
580J	68	328J*	145	1200J*	145

L SECTION



Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt
500L	96	840L	96	385L*	96
540L	96	865L	96	455L*	96
560L	96	915L	96	505L*	72
615L	96	975L	96	622L*	96
635L	96	990L	96	748L*	96
655L	96	1065L	96	770L*	96
675L	96	1120L	96	845L*	96
695L	96	1150L	96	880L*	96
725L	96	1215L	96	1073L*	96
765L	96	1230L	96	1098L*	72
780L	96	1295L	96	1180L*	96
795L	96	1310L	96		
815L	96	1455L	72		

M SECTION



Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt	Part Number	Max Ribs/Belt
900M	36	1310M	74	2130M	74
940M	36	1390M	74	2410M	74
990M	36	1470M	74	2560M	74
1060M	36	1610M	74	2710M	74
1115M	36	1650M	74	3010M	74
1150M	36	1760M	74	3310M	74
1185M	36	1830M	74	3610M	74
1230M	36	1980M	74		

Special Note: Special Manufacture Belts are available. *Please check factory for availability.

B A N D E D