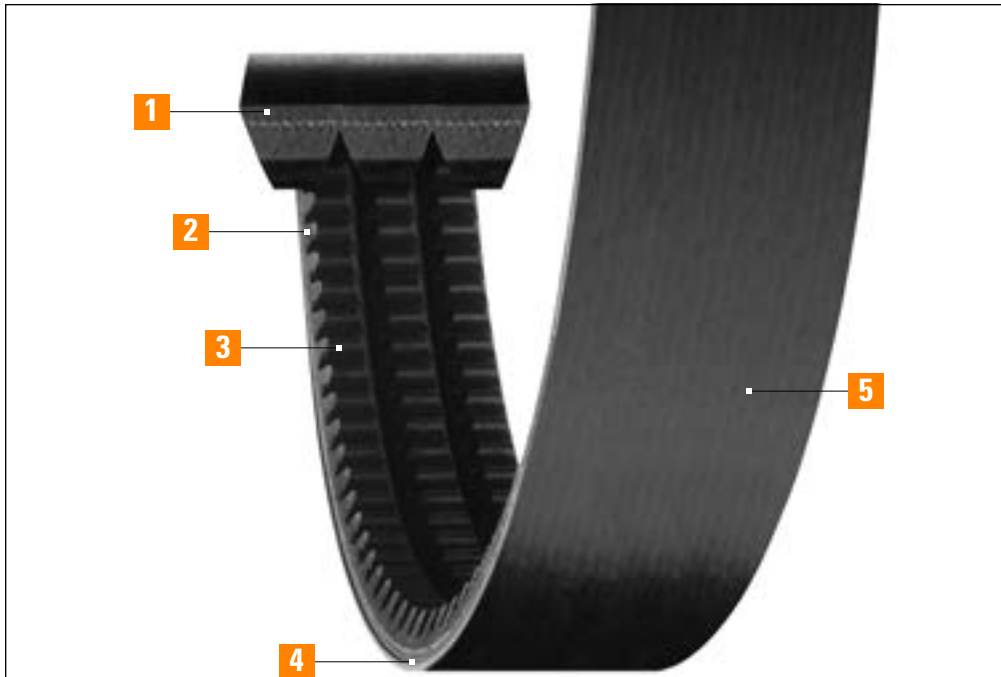


Power-Wedge® Cog-Band® Banded Belt



1 Oversized Polyester Cord
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

2 Raw Edge Sidewalls
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

3 Precision Molded Cogs
Superior flexibility with reduced bending stress helps dissipate heat providing significantly longer belt life. Uses smaller pulley diameters. A cost and space saver.

4 Reinforced Tie-Band
Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

5 EPDM
Ethylene Propylene Diene Monomer is a synthetic rubber that is durable and resistant to heat, oil, hardening and glazing. EPDM has superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

Recommended Pulleys:
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V)

Banded version of
Power-Wedge Cog-Belt

EPDM raw edge
construction

Minimizes belt whip and
turnover

Higher horsepower than
wrapped belts

Longer belt life than
wrapped belts

Oil and heat resistant

Static dissipating

Applications:

Fans
Pumps
Compressors
& More

Synchronous Belts

V-Belts

Specialty Belts

Tools

General Information

Power-Wedge® Cog-Band®

Banded Belt



Two or more Power-Wedge Cog-Belts are permanently joined together at the top with a reinforced tie-band. Ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.

The Power-Wedge Cog-Band combines the longer life and superior performance of the Power-Wedge Cog-Belt with the stability of a banded belt. The unique construction of Ethylene Propylene Diene Monomer (EPDM) and the superior flexing of precision molded cogs with the tenacious gripping power of raw edge sidewalls provides significantly longer belt life, improved efficiency and higher horsepower ratings than wrapped belts.

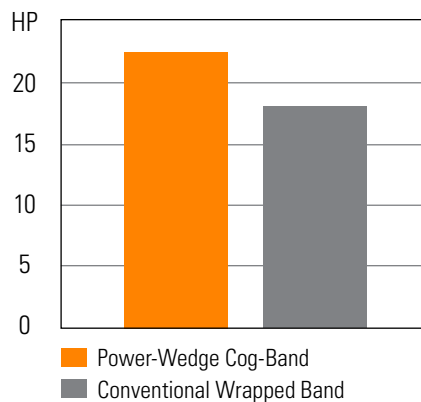
EPDM is static conductive, durable, and resistant to heat, hardening, and glazing.

Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.

For complete part number, add the number of ribs required. For example: R5VX1000-3.



Horsepower Per Rib Comparison



Power-Wedge Cog-Band Matching Limits

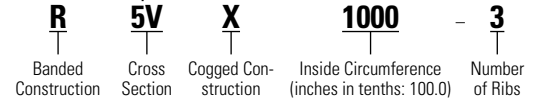
Matching limits for Power-Wedge Cog-Band are shown in the table. If the number is 1, the bands must all have the same "sag" number. If the number is 2, a matched set may consist of any 2 adjacent matching numbers, etc.

Product Type and Length Code	Match Limit
Power-Wedge® Cog Band	
R3VX250 – R3VX630	1
R3VX670 – R3VX1400	2
R5VX500 – R5VX630	1
R5VX670 – R5VX1500	2
R5VX1600 and up	3

Power-Wedge® Cog-Band® Banded Belt

Power-Wedge® Cog-Band® Part Numbers

Part Number Example: **R5VX1000-3** =



Part Number	Outside Circumference (inches) per rib	Outside Circumference (mm) per rib	Weight (lbs.) per rib
R3VX – Banded 3VX Section Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)			
R3VX250	26.1	26	0.13
R3VX265	27.6	701	0.14
R3VX280	29.1	739	0.15
R3VX300	31.1	790	0.16
R3VX315	32.6	828	0.16
R3VX335	34.6	879	0.17
R3VX355	36.6	930	0.18
R3VX375	38.6	980	0.19
R3VX400	40.8	1036	0.20
R3VX415	42.3	1074	0.20
R3VX425	43.3	1100	0.21
R3VX440	44.8	1138	0.21
R3VX450	45.8	1163	0.22
R3VX465	47.3	1201	0.23
R3VX475	48.3	1227	0.24
R3VX485	49.3	1252	0.24
R3VX500	50.8	1290	0.25
R3VX530	53.8	1367	0.26
R3VX560	56.8	1443	0.28
R3VX600	60.8	1544	0.30
R3VX630	63.8	1621	0.32
R3VX670	67.8	1722	0.34
R3VX710	71.8	1824	0.36
R3VX750	75.8	1925	0.38
R3VX770	77.8	1976	0.39
R3VX800	80.8	2052	0.40
R3VX820	82.8	2103	0.41
R3VX830	83.8	2129	0.42
R3VX850	85.8	2179	0.43
R3VX900	90.8	2306	0.45
R3VX950	95.8	2433	0.48
R3VX1000	100.8	2560	0.51
R3VX1060	106.8	2713	0.54
R3VX1120	112.8	2865	0.57
R3VX1180	118.8	3018	0.60

Part Number	Outside Circumference (inches) per rib	Outside Circumference (mm) per rib	Weight (lbs.) per rib
R3VX – Banded 3VX Section Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)			
R3VX1250	125.8	3195	0.63
R3VX1320	132.8	3373	0.67
R3VX1400	140.8	3576	0.71
R5VX – Banded 5VX Section Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)			
R5VX500	50.8	1290	0.63
R5VX530	53.8	1367	0.66
R5VX560	56.8	1443	0.70
R5VX600	60.8	1544	0.76
R5VX630	63.8	1621	0.80
R5VX670	67.8	1722	0.85
R5VX710	71.8	1824	0.90
R5VX750	75.8	1925	0.95
R5VX800	80.8	2052	1.02
R5VX850	85.8	2179	1.08
R5VX900	90.8	2306	1.15
R5VX950	95.8	2433	1.22
R5VX1000	100.8	2560	1.28
R5VX1030	104.1	2644	1.30
R5VX1060	106.8	2713	1.36
R5VX1120	112.8	2865	1.44
R5VX1180	118.8	3018	1.52
R5VX1200	121.1	3076	1.58
R5VX1250	125.8	3195	1.61
R5VX1320	132.8	3373	1.70
R5VX1400	140.8	3576	1.80
R5VX1460	147.1	3736	1.90
R5VX1500	150.8	3830	1.94
R5VX1600	160.8	4084	2.07
R5VX1700	170.8	4338	2.20
R5VX1800	180.8	4592	2.33
R5VX1900	190.8	4846	2.46
R5VX2000	200.8	5100	2.59

For complete part number, add number of ribs required as indicated in example above.

Metric Power-Wedge® Cog-Belt®

V-Belt

Metric Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **XPZ1000** = **X** **PZ** **1000**
Cogged Construction Cross Section Pitch Length (millimeters)

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPZ Section – Recommended Sheaves: Hi-Cap Wedge – OD, Taper Bushed, or MST (3V)				
XPZ1000	SPZX1000	39.8	1011	0.2
XPZ1010	SPZX1010	40.5	1029	0.2
XPZ1030	SPZX1030	41.1	1044	0.2
XPZ1060	SPZX1060	42.4	1077	0.2
XPZ1080	SPZX1080	43	1092	0.2
XPZ1090	SPZX1090	43.6	1107	0.2
XPZ1120	SPZX1120	44.9	1141	0.2
XPZ1140	SPZX1140	45.6	1158	0.2
XPZ1150	SPZX1150	45.8	1163	0.2
XPZ1180	SPZX1180	47.1	1196	0.2
XPZ1200	SPZX1200	48	1219	0.2
XPZ1220	SPZX1220	48.6	1234	0.2
XPZ1250	SPZX1250	49.9	1268	0.2
XPZ1270	SPZX1270	50.5	1283	0.2
XPZ1280	SPZX1280	51.2	1301	0.2
XPZ1312	SPZX1312	52.1	1323	0.2
XPZ1320	SPZX1320	52.7	1339	0.2
XPZ1340	SPZX1340	53.4	1356	0.2
XPZ1360	SPZX1360	54.1	1374	0.2
XPZ1400	SPZX1400	55.9	1420	0.2
XPZ1420	SPZX1420	56.5	1435	0.3
XPZ1450	SPZX1450	57.8	1468	0.3
XPZ1470	SPZX1470	58.4	1483	0.3
XPZ1500	SPZX1500	59.6	1514	0.3
XPZ1520	SPZX1520	60.6	1539	0.2
XPZ1537	SPZX1537	61.2	1555	0.2
XPZ1560	SPZX1560	62.2	1580	0.3
XPZ1587	SPZX1587	63.1	1603	0.2
XPZ1600	SPZX1600	63.4	1610	0.3
XPZ1612	SPZX1612	64	1626	0.2
XPZ1650	SPZX1650	65.6	1666	0.3
XPZ1662	SPZX1662	65.9	1674	0.2
XPZ1700	SPZX1700	67.5	1715	0.3

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPZ Section – Recommended Sheaves: Hi-Cap Wedge – OD, Taper Bushed, or MST (3V)				
XPZ1750	SPZX1750	69.4	1763	0.3
XPZ1800	SPZX1800	71.6	1819	0.3
XPZ1850	SPZX1850	73.5	1867	0.2
XPZ1862	SPZX1862	73.8	1875	0.2
XPZ1900	SPZX1900	75.3	1913	0.3
XPZ1950	SPZX1950	77.2	1961	0.3
XPZ2000	SPZX2000	79.4	2017	0.2
XPZ2030	SPZX2030	80.4	2042	0.4
XPZ2120	SPZX2120	84.1	2136	0.3
XPZ2160	SPZX2160	85.4	2169	0.4
XPZ2240	SPZX2240	88.9	2258	0.3
XPZ2280	SPZX2280	90.4	2296	0.4
XPZ2360	SPZX2360	93.6	2377	0.3
XPZ2410	SPZX2410	95.5	2426	0.4
XPZ2500	SPZX2500	99.1	2517	0.3
XPZ2540	SPZX2540	100.5	2553	0.4
XPZ2650	SPZX2650	105	2667	0.3
XPZ2670	SPZX2670	105.8	2687	0.3
XPZ2690	SPZX2690	106.4	2703	0.5
XPZ2800	SPZX2800	110.9	2817	0.3
XPZ2840	SPZX2840	112.4	2855	0.5
XPZ3000	SPZX3000	118.4	3007	0.5
XPZ3150	SPZX3150	124.7	3167	0.4
XPZ3170	SPZX3170	125.5	3188	0.4
XPZ3350	SPZX3350	132.5	3366	0.4
XPZ3550	SPZX3550	140.5	3569	0.4
XPZ3810	SPZX3810	150.5	3823	0.5
XPZ630	SPZX630	25.4	645	0.1
XPZ670	SPZX670	27	686	0.1
XPZ710	SPZX710	28.5	724	0.1
XPZ750	SPZX750	30.1	765	0.1
XPZ760	SPZX760	30.4	772	0.1
XPZ787	SPZX787	31.7	805	0.1

Metric Power-Wedge® Cog-Belt®

V-Belt

Metric Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **XPA2000** = **X** **PA** **2000**
Cogged Construction Cross Section Pitch Length (millimeters)

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPZ Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)				
XPZ800	SPZX800	32	813	0.1
XPZ850	SPZX850	33.8	859	0.1
XPZ875	SPZX875	35.1	892	0.2
XPZ900	SPZX900	36.1	917	0.2
XPZ925	SPZX925	37	940	0.2
XPZ940	SPZX940	37.6	955	0.2
XPZ950	SPZX950	38	965	0.2
XPA Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)				
XPA1000	SPAX1000	40.2	1021	0.3
XPA1030	SPAX1030	41.1	1044	0.3
XPA1060	SPAX1060	42.4	1077	0.3
XPA1090	SPAX1090	43.6	1107	0.3
XPA1120	SPAX1120	44.9	1141	0.3
XPA1150	SPAX1150	45.8	1163	0.3
XPA1157	SPAX1157	46.1	1171	0.3
XPA1180	SPAX1180	47.1	1196	0.3
XPA1220	SPAX1220	48.6	1234	0.4
XPA1232	SPAX1232	49.2	1250	0.3
XPA1250	SPAX1250	49.9	1268	0.4
XPA1280	SPAX1280	51.2	1301	0.4
XPA1307	SPAX1307	52.1	1323	0.3
XPA1320	SPAX1320	52.7	1339	0.4
XPA1357	SPAX1357	54.1	1374	0.3
XPA1360	SPAX1360	54.3	1379	0.4
XPA1400	SPAX1400	55.9	1420	0.4
XPA1450	SPAX1450	57.8	1468	0.4
XPA1457	SPAX1457	58.1	1476	0.3
XPA1500	SPAX1500	59.6	1514	0.4
XPA1532	SPAX1532	60.9	1547	0.4
XPA1550	SPAX1550	61.8	1570	0.4
XPA1557	SPAX1557	61.8	1570	0.4
XPA1600	SPAX1600	63.7	1618	0.5

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPA Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)				
XPA1650	SPAX1650	65.6	1666	0.5
XPA1700	SPAX1700	67.5	1715	0.5
XPA1750	SPAX1750	69.7	1770	0.5
XPA1757	SPAX1757	70	1778	0.3
XPA1782	SPAX1782	70.9	1801	0.3
XPA1800	SPAX1800	71.6	1819	0.4
XPA1832	SPAX1832	72.8	1849	0.4
XPA1850	SPAX1850	73.5	1867	0.4
XPA1900	SPAX1900	75.3	1913	0.4
XPA1932	SPAX1932	76.6	1946	0.4
XPA1950	SPAX1950	77.5	1969	0.4
XPA1957	SPAX1957	77.9	1979	0.4
XPA1982	SPAX1982	78.8	2002	0.4
XPA2000	SPAX2000	79.4	2017	0.4
XPA2032	SPAX2032	80.7	2050	0.4
XPA2057	SPAX2057	81.6	2073	0.4
XPA2060	SPAX2060	81.8	2078	0.4
XPA2082	SPAX2082	82.6	2098	0.5
XPA2120	SPAX2120	84.1	2136	0.4
XPA2160	SPAX2160	85.7	2177	0.4
XPA2180	SPAX2180	86.5	2197	0.4
XPA2182	SPAX2182	86.7	2202	0.4
XPA2240	SPAX2240	88.9	2258	0.4
XPA2282	SPAX2282	90.6	2301	0.4
XPA2300	SPAX2300	91.4	2322	0.4
XPA2307	SPAX2307	91.4	2322	0.6
XPA2360	SPAX2360	93.6	2377	0.5
XPA2430	SPAX2430	96.4	2449	0.6
XPA2432	SPAX2432	96.4	2449	0.5
XPA2482	SPAX2482	98.3	2497	0.5
XPA2500	SPAX2500	99.2	2520	0.5
XPA2532	SPAX2532	100.5	2553	0.5
XPA2582	SPAX2582	102.4	2601	0.5

Metric Power-Wedge® Cog-Belt®

V-Belt

Part Number Example: **XPB2000** = **X** **PB** **2000**
Cogged Construction Cross Section Pitch Length (millimeters)

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPA Section – Recommended Sheaves: Hi-Cap Wedge – OD, Taper Bushed, or MST (3V, 5V, 8V)				
XPA2607	SPAX2607	103.3	2624	0.5
XPA2632	SPAX2632	104.3	2649	0.5
XPA2650	SPAX2650	105	2667	0.5
XPA2682	SPAX2682	106.1	2695	0.5
XPA2732	SPAX2732	108.3	2751	0.5
XPA2782	SPAX2782	110.2	2799	0.5
XPA2800	SPAX2800	110.9	2817	0.5
XPA3000	SPAX3000	118.7	3015	0.6
XPA3150	SPAX3150	124.7	3167	0.6
XPA3185	SPAX3185	126.1	3203	0.6
XPA3350	SPAX3350	132.6	3368	0.7
XPA3550	SPAX3550	140.5	3569	0.7
XPA3750	SPAX3750	148.3	3767	0.7
XPA4000	SPAX4000	158.2	4018	0.8
XPA4250	SPAX4250	168	4267	0.8
XPA4500	SPAX4500	177.9	4519	0.9
XPA800	SPAX800	32.3	820	0.2
XPA850	SPAX850	34.2	869	0.2
XPA900	SPAX900	36.1	917	0.3
XPA925	SPAX925	37	940	0.3
XPA950	SPAX950	38	965	0.3
XPA975	SPAX975	39.2	996	0.3
XPB Section – Recommended Sheaves: Hi-Cap Wedge – OD, Taper Bushed, or MST (5V)				
XPB1150	SPBX1150	46.1	1171	0.5
XPB1200	SPBX1200	48.2	1224	0.4
XPB1230	SPBX1230	49.5	1257	0.4
XPB1250	SPBX1250	50.2	1275	0.5
XPB1260	SPBX1260	50.5	1283	0.4
XPB1320	SPBX1320	53	1346	0.6
XPB1340	SPBX1340	53.6	1361	0.6
XPB1360	SPBX1360	54.4	1382	0.6
XPB1370	SPBX1370	54.9	1395	0.6

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPB Section – Recommended Sheaves: Hi-Cap Wedge – OD, Taper Bushed, or MST (3V, 5V, 8V)				
XPB1400	SPBX1400	55.5	1410	0.6
XPB1410	SPBX1410	56.5	1435	0.5
XPB1430	SPBX1430	57.4	1458	0.5
XPB1450	SPBX1450	58.1	1476	0.5
XPB1500	SPBX1500	59.9	1522	0.7
XPB1510	SPBX1510	60.6	1539	0.7
XPB1525	SPBX1525	60.9	1547	0.5
XPB1550	SPBX1550	61.8	1570	0.5
XPB1590	SPBX1590	63.4	1610	0.5
XPB1600	SPBX1600	64	1626	0.7
XPB1650	SPBX1650	65.9	1674	0.7
XPB1700	SPBX1700	67.8	1722	0.8
XPB1750	SPBX1750	69.4	1763	0.8
XPB1800	SPBX1800	71.6	1819	0.8
XPB1850	SPBX1850	73.8	1875	0.6
XPB1900	SPBX1900	75.6	1920	0.8
XPB1970	SPBX1970	78.5	1994	0.9
XPB2000	SPBX2000	79.4	2017	0.9
XPB2020	SPBX2020	80.4	2042	0.9
XPB2040	SPBX2040	81.3	2065	0.7
XPB2060	SPBX2060	81.9	2080	0.7
XPB2120	SPBX2120	84.4	2144	0.9
XPB2150	SPBX2150	85.4	2169	1.0
XPB2180	SPBX2180	86.6	2200	0.7
XPB2240	SPBX2240	89.2	2266	0.7
XPB2280	SPBX2280	90.4	2296	1.0
XPB2360	SPBX2360	93.9	2385	0.7
XPB2410	SPBX2410	95.4	2423	1.1
XPB2440	SPBX2440	97.1	2466	0.8
XPB2500	SPBX2500	99.5	2527	1.1
XPB2530	SPBX2530	100.5	2553	1.1
XPB2600	SPBX2600	103.3	2624	1.2
XPB2610	SPBX2610	103.6	2631	0.8

Metric Power-Wedge® Cog-Belt®

V-Belt

Metric Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **XPC2000** = **X** **PC** **2000**
Cogged Construction Cross Section Pitch Length (millimeters)

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPB Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)				
XPB2650	SPBX2650	105.3	2675	0.8
XPB2680	SPBX2680	106.4	2703	0.9
XPB2730	SPBX2730	108.6	2758	1.3
XPB2740	SPBX2740	108.9	2766	0.9
XPB2800	SPBX2800	111.2	2825	0.9
XPB2840	SPBX2840	112.4	2855	1.3
XPB2900	SPBX2900	115.2	2926	0.9
XPB2910	SPBX2910	115.5	2934	1.3
XPB2920	SPBX2920	116	2946	0.9
XPB2990	SPBX2990	118.7	3015	1.4
XPB3000	SPBX3000	119	3023	1.0
XPB3150	SPBX3150	125	3175	1.0
XPB3170	SPBX3170	125.5	3188	1.0
XPB3250	SPBX3250	128.9	3274	1.0
XPB3350	SPBX3350	132.5	3366	1.1
XPB3550	SPBX3550	140.5	3569	1.1
XPB3650	SPBX3650	144.7	3675	1.6
XPB3750	SPBX3750	148.6	3774	1.2
XPB3800	SPBX3800	150.5	3823	1.2
XPB3870	SPBX3870	153.4	3896	1.2
XPB4000	SPBX4000	158.5	4026	1.3
XPB4060	SPBX4060	160.5	4077	1.3
XPB4250	SPBX4250	168.3	4275	1.3
XPB4310	SPBX4310	170.5	4331	1.4
XPB4500	SPBX4500	178.2	4526	1.4
XPB4560	SPBX4560	180.5	4585	1.4
XPB4750	SPBX4750	188	4775	1.5
XPB4820	SPBX4820	190.5	4839	1.5
XPB5000	SPBX5000	197.8	5024	1.6
XPB5070	SPBX5070	200.5	5093	1.6

Part Number	Legacy Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
XPC Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)				
XPC2000	SPCX2000	80.4	2042	1.4
XPC2120	SPCX2120	85.1	2162	1.5
XPC2240	SPCX2240	89.8	2281	1.6
XPC2360	SPCX2360	94.6	2403	1.7
XPC2500	SPCX2500	100.1	2543	1.8
XPC2650	SPCX2650	106	2692	1.9
XPC2800	SPCX2800	111.9	2842	2.0
XPC3000	SPCX3000	119.8	3043	2.1
XPC3150	SPCX3150	125.7	3193	2.2
XPC3350	SPCX3350	133.5	3391	2.4
XPC3550	SPCX3550	141.4	3592	2.5
XPC3750	SPCX3750	149.3	3792	2.6
XPC4000	SPCX4000	159.1	4041	2.8
XPC4250	SPCX4250	169	4293	3.0
XPC4500	SPCX4500	178.8	4542	3.2
XPC4650	SPCX4650	184.7	4691	3.3
XPC4750	SPCX4750	188.6	4790	3.3
XPC5000	SPCX5000	198.5	5042	3.5