



EPDM Raw Edge Cogged Belt

MAXSTAR POWER EP-X

MITSUBOSHI



Maintenance Free!!



- ▶ **Top Fabric: Cotton**
- ▶ **Cord: Polyester with Special Treatment**
▶ Superior Tension Stability
- ▶ **Rubber: High modulus EPDM**
▶ Temperature Range: -40~130°C (-40~266°F)
▶ Superior Crack resistant
▶ Weight Reduction
▶ Halogen Free
▶ High Stiffness
▶ Antistatic

- ▶ Compliant to RoHS and REACH
- ▶ Reducing downtime
- ▶ Antistatic conforming to ISO1813
- ▶ High Flexibility - Superior than standard cogged type with back idler pulley

- ▶ Power Rating is 30% higher than standard cogged type
- ▶ Energy Efficient



■ Narrow Cogged Type



(Note) Above are nominal values.

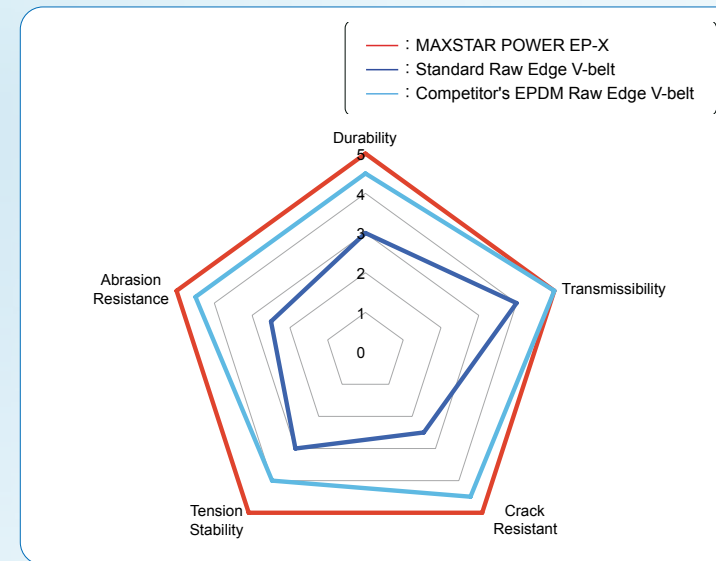
■ Wedge Cogged Type



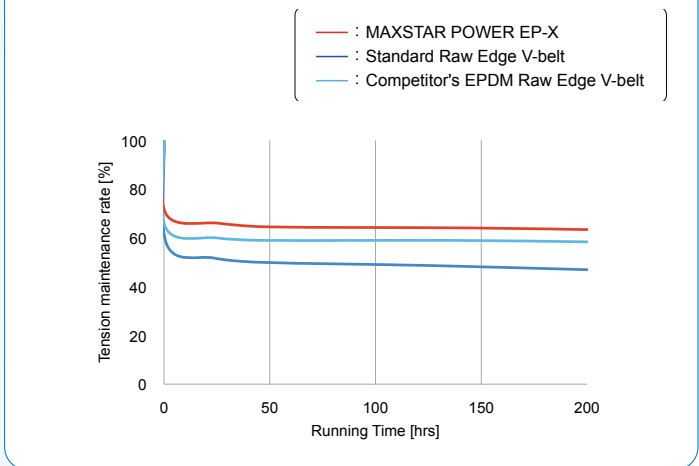
(Note) Above are nominal values.

■ Performance

EPDM rubber and new-treated PET cord enable superior performance than standard Raw Edge V-belt and Competitor's EPDM Raw Edge V-belt.



■ Tension Deteration (SPZX Type)



Toughness for severe conditions!!

MAXSTAR POWER EP-X is developed to reduce downtime of retensioning by tension stability improvement, and demonstrates its capabilities especially in these applications.

For HVAC



For Compressors



For Construction Equipment



For Industrial Pumps





Product Code & Size List

■ Narrow Cogged Type

Product Code

SPZX-1000-Lw

Cross Section Datum Length (mm) Datum

Standard Belt Sizes

| SPZX(mm) | | | | SPAX(mm) | | | | SPBX(mm) | | SPCX(mm) | |
|----------|------|------|------|----------|------|------|------|----------|------|----------|------|
| 562 | 912 | 1220 | 1687 | 690 | 1069 | 1410 | 1882 | 2500 | 1000 | 2280 | 1900 |
| 587 | 917 | 1222 | 1700 | 732 | 1090 | 1425 | 1900 | 2532 | 1060 | 2300 | 2000 |
| 600 | 925 | 1237 | 1737 | 735 | 1107 | 1432 | 1907 | 2550 | 1080 | 2310 | 2120 |
| 612 | 937 | 1250 | 1750 | 742 | 1120 | 1442 | 1932 | 2568 | 1120 | 2320 | 2240 |
| 630 | 940 | 1262 | 1762 | 747 | 1132 | 1450 | 1950 | 2582 | 1180 | 2330 | 2280 |
| 637 | 950 | 1270 | 1787 | 750 | 1140 | 1457 | 1957 | 2600 | 1250 | 2360 | 2335 |
| 650 | 962 | 1280 | 1800 | 757 | 1142 | 1462 | 1982 | 2650 | 1260 | 2390 | 2360 |
| 655 | 975 | 1282 | 1812 | 760 | 1150 | 1482 | 2000 | 2682 | 1320 | 2391 | 2400 |
| 660 | 980 | 1287 | 1837 | 775 | 1157 | 1485 | 2032 | 2732 | 1340 | 2410 | 2413 |
| 662 | 987 | 1300 | 1850 | 782 | 1172 | 1500 | 2057 | 2773 | 1400 | 2425 | 2425 |
| 665 | 1000 | 1312 | 1862 | 800 | 1180 | 1507 | 2060 | 2782 | 1410 | 2430 | 2550 |
| 670 | 1005 | 1320 | 1887 | 807 | 1182 | 1522 | 2082 | 2832 | 1500 | 2433 | 2580 |
| 687 | 1010 | 1337 | 1900 | 825 | 1200 | 1532 | 2100 | 2850 | 1510 | 2450 | 2600 |
| 690 | 1012 | 1340 | 1937 | 832 | 1207 | 1550 | 2120 | 2882 | 1590 | 2473 | 2700 |
| 710 | 1024 | 1347 | 1950 | 850 | 1210 | 1557 | 2132 | 2900 | 1600 | 2500 | 2720 |
| 722 | 1025 | 1360 | 1987 | 857 | 1215 | 1582 | 2157 | 2962 | 1650 | 2518 | 2750 |
| 730 | 1030 | 1362 | 2000 | 860 | 1220 | 1600 | 2180 | 2982 | 1690 | 2522 | 2770 |
| 737 | 1037 | 1387 | 2030 | 875 | 1232 | 1607 | 2182 | | 1700 | 2530 | 2840 |
| 750 | 1047 | 1400 | 2037 | 882 | 1235 | 1632 | 2200 | | 1750 | 2550 | 2900 |
| 760 | 1060 | 1412 | 2060 | 885 | 1250 | 1650 | 2207 | | 1800 | 2575 | 2950 |
| 762 | 1077 | 1420 | 2120 | 900 | 1257 | 1657 | 2232 | | 1850 | 2580 | 3000 |
| 772 | 1080 | 1437 | 2137 | 907 | 1272 | 1682 | 2240 | | 1900 | 2600 | |
| 775 | 1087 | 1450 | 2160 | 925 | 1282 | 1680 | 2260 | | 1950 | 2640 | |
| 787 | 1100 | 1462 | 2187 | 932 | 1285 | 1700 | 2282 | | 2000 | 2670 | |
| 800 | 1110 | 1487 | 2240 | 950 | 1295 | 1707 | 2300 | | 2020 | 2680 | |
| 812 | 1112 | 1500 | 2262 | 957 | 1300 | 1732 | 2307 | | 2030 | 2720 | |
| 817 | 1120 | 1512 | 2280 | 967 | 1307 | 1750 | 2330 | | 2060 | 2750 | |
| 825 | 1137 | 1520 | 2287 | 975 | 1320 | 1757 | 2332 | | 2120 | 2820 | |
| 835 | 1140 | 1537 | 2360 | 982 | 1332 | 1782 | 2360 | | 2131 | 2900 | |
| 837 | 1150 | 1550 | 2410 | 1000 | 1357 | 1785 | 2373 | | 2137 | 2990 | |
| 850 | 1162 | 1560 | 2430 | 1007 | 1360 | 1800 | 2382 | | 2150 | | |
| 862 | 1180 | 1562 | 2500 | 1030 | 1367 | 1807 | 2407 | | 2180 | | |
| 875 | 1187 | 1587 | 2540 | 1032 | 1382 | 1832 | 2410 | | 2186 | | |
| 885 | 1200 | 1637 | 2650 | 1057 | 1385 | 1837 | 2430 | | 2200 | | |
| 887 | 1202 | 1650 | 2690 | 1060 | 1400 | 1850 | 2432 | | 2240 | | |
| 900 | 1212 | 1662 | 2840 | 1082 | 1407 | 1857 | 2482 | | 2264 | | |

■ Wedge Cogged Type

Product Code

5VX-2500

Cross Section Belt Code (inch x 10)

Standard Belt Sizes

| 3VX | | | | 5VX | | | |
|-----------|----------------------------------|-----------|----------------------------------|-----------|----------------------------------|-----------|----------------------------------|
| Belt Code | Effective Outside length La (mm) | Belt Code | Effective Outside length La (mm) | Belt Code | Effective Outside length La (mm) | Belt Code | Effective Outside length La (mm) |
| 230 | 584 | 430 | 1092 | 630 | 1600 | 500 | 1270 |
| 250 | 635 | 450 | 1143 | 670 | 1702 | 530 | 1346 |
| 265 | 673 | 475 | 1207 | 710 | 1803 | 560 | 1422 |
| 280 | 711 | 490 | 1245 | 750 | 1905 | 565 | 1435 |
| 300 | 762 | 500 | 1270 | 800 | 2032 | 570 | 1448 |
| 315 | 800 | 510 | 1295 | 850 | 2159 | 580 | 1473 |
| 335 | 851 | 520 | 1321 | 900 | 2286 | 600 | 1524 |
| 355 | 902 | 530 | 1346 | 950 | 2413 | 630 | 1600 |
| 375 | 953 | 545 | 1384 | 1000 | 2540 | 633 | 1608 |
| 400 | 1016 | 560 | 1422 | 1060 | 2692 | 635 | 1613 |
| 425 | 1080 | 600 | 1524 | | | 640 | 1626 |
| | | | | | | 670 | 1702 |
| | | | | | | 673 | 1709 |
| | | | | | | 710 | 1803 |
| | | | | | | 730 | 1854 |
| | | | | | | 750 | 1905 |
| | | | | | | 800 | 2032 |
| | | | | | | 850 | 2159 |
| | | | | | | 900 | 2286 |
| | | | | | | 950 | 2413 |
| | | | | | | 1000 | 2540 |
| | | | | | | 1080 | 2743 |



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