

N A R R O W
v-belts



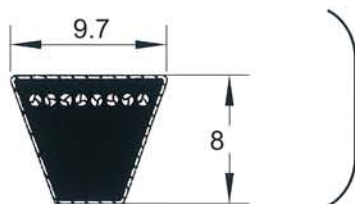
WHY CHOOSE *SWR Europe* NARROW V-BELTS?

SWR Europe Narrow V-belts are more efficient energy with smaller pulleys allow for space saving design. Not only our product manufactures on the renowned European Siempelkamp and Berstorff equipments, it is also exceptional low length tolerance, eliminating the need for matched sets. SWR Europe Narrow V-Belts are conditioned oil resistant*. And also, they are electrically conductive (anti-static), according to ISO 1813.

* We can customize belts to withstand a longer contact with oil and grease. However, a minimum quantity is required

N A R R O W V - B E L T S

SPZ NARROW V-Belt

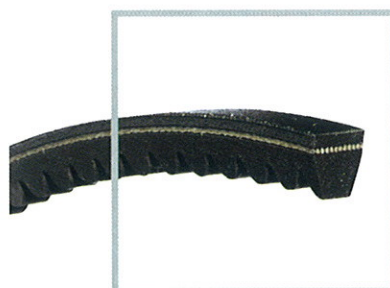


PROFILE spz

Belt Code	Pitch Length		Outside Length	
		mm	mm	
SPZ 630/ 3V250	*	630	643	
SPZ 637	*	637	650	
SPZ 662	*	662	675	
SPZ 670/ 3V265	*	670	683	
SPZ 687	*	687	700	
SPZ 710/ 3V280	*	710	723	
SPZ 722	*	722	735	
SPZ 737	*	737	750	
SPZ 750	*	750	763	
SPZ 760/ 3V300	*	760	773	
SPZ 762	*	762	775	
SPZ 772	*	772	785	
SPZ 787	*	787	800	
SPZ 800/ 3V315	*	800	813	
SPZ 812	*	812	825	
SPZ 825	*	825	838	
SPZ 837	*	837	850	
SPZ 850/ 3V335	*	850	863	
SPZ 862	*	862	875	
SPZ 875	*	875	888	
SPZ 887	*	887	900	
SPZ 900/ 3V355	*	900	913	
SPZ 912	*	912	925	
SPZ 925	*	925	938	
SPZ 937	*	937	950	
SPZ 950/ 3V375	*	950	963	
SPZ 962	*	962	975	
SPZ 987	*	+	987	1000
SPZ 1000	*	+	1000	1013
SPZ 1010/ 3V400	*	+	1010	1023
SPZ 1012	*	+	1012	1025
SPZ 1024	*	+	1024	1037
SPZ 1037	*	+	1037	1050



SPA 1782	*	+	1782	1800
SPA 1800	*	+	1800	1818
SPA 1807	*	+	1807	1825
SPA 1832	*	+	1832	1850
SPA 1857	*	+	1857	1875
SPA 1882	*	+	1882	1900
SPA 1900	*	+	1900	1918
SPA 1907	*	+	1907	1925
SPA 1932	*	+	1932	1950
SPA 1957	*	+	1957	1975
SPA 1982	*	+	1982	2000
SPA 2000	*	+	2000	2018
SPA 2032	*	+	2032	2050
SPA 2057	*	+	2057	2075
SPA 2082	*	+	2082	2100
SPA 2120	*	+	2120	2138
SPA 2132	*	+	2132	2150
SPA 2182	*	+	2182	2200
SPA 2207	*	+	2207	2225
SPA 2232	*	+	2232	2250
SPA 2240	*	+	2240	2258
SPA 2282	*	+	2282	2300
SPA 2300	*	+	2300	2318
SPA 2307	*	+	2307	2325
SPA 2332	*	+	2332	2350
SPA 2382	*	+	2382	2400
SPA 2432	*	+	2432	2450
SPA 2482	*	+	2482	2500
SPA 2500	*	+	2500	2518
SPA 2532	*	+	2532	2550
SPA 2582	*	+	2582	2600
SPA 2607	*	+	2607	2625
SPA 2632	*	+	2632	2650
SPA 2682	*	+	2682	2700
SPA 2732	*	+	2732	2750
SPA 2782	*	+	2782	2800
SPA 2800	*	+	2800	2818
SPA 2832	*	+	2832	2850
SPA 2847	*	+	2847	2865
SPA 2882	*	+	2882	2900
SPA 2932	*	+	2932	2950
SPA 3000	*	+	3000	3018
SPA 3032	*	+	3032	3050
SPA 3082	*	+	3082	3100
SPA 3150	*	+	3150	3168
SPA 3182	*	+	3182	3200
SPA 3282	*	+	3282	3300
SPA 3350	*	+	3350	3368
SPA 3382	*	+	3382	3400
SPA 3550	*	+	3550	3568
SPA 3750	*	+	3750	3768
SPA 4000	*	+	4000	4018
SPA 4250	*	+	4250	4268
SPA 4500	*	+	4500	4518



PROFILE spa

* available in cogged profile XPA

+ available in SPA banded profile

SPB NARROW V-Belt



PROFILE spb

Belt Code				Pitch Length mm	Outside Length mm
SPB 1100				1100	1122
SPB 1200				1200	1222
SPB 1250	*		o	1250	1272
SPB 1260/ 5V500	*		o	1260	1282
SPB 1320	*		o	1320	1342
SPB 1340/ 5V530	*		o	1340	1362
SPB 1400	*		o	1400	1422
SPB 1410/ 5V560	*		o	1410	1432
SPB 1500	*		o	1500	1522
SPB 1510/ 5V600	*		o	1510	1532
SPB 1590/ 5V630	*		o	1590	1612
SPB 1600	*		o	1600	1622
SPB 1690/ 5V670	*		o	1690	1712
SPB 1700	*		o	1700	1722
SPB 1800/ 5V710	*		o	1800	1822
SPB 1900/ 5V750	*		o	1900	1922
SPB 2000	*	+	o	2000	2022
SPB 2020/ 5V800	*	+	o	2020	2042
SPB 2120	*	+	o	2120	2142
SPB 2150/ 5V850	*	+	o	2150	2172
SPB 2240	*	+	o	2240	2262
SPB 2280/ 5V900	*	+	o	2280	2302
SPB 2360	*	+	o	2360	2382
SPB 2410/ 5V950	*	+	o	2410	2432
SPB 2500	*	+	o	2500	2522
SPB 2530/ 5V1000	*	+	o	2530	2552
SPB 2650	*	+	o	2650	2672
SPB 2680/ 5V1060	*	+	o	2680	2702
SPB 2800	*	+	o	2800	2822
SPB 2840/ 5V1120	*	+	o	2840	2862
SPB 2990/ 5V1180	*	+	o	2990	3012
SPB 3000	*	+	o	3000	3022
SPB 3150	*	+	o	3150	3172
SPB 3170/ 5V1250	*	+	o	3170	3192
SPB 3340/ 5V1320	*	+	o	3340	3362
SPB 3350	*	+	o	3350	3372
SPB 3550/ 5V1400	*	+	o	3550	3572
SPB 3750	*	+	o	3750	3772
SPB 3800/ 5V1500	*	+	o	3800	3822
SPB 4000	*	+	o	4000	4022
SPB 4060/ 5V1600	*	+	o	4060	4082
SPB 4250	*	+	o	4250	4272
SPB 4310/ 5V1700	*	+	o	4310	4332

SPB 4500	*	+	o	4500	4522
SPB 4560/ 5V1800	*	+	o	4560	4582
SPB 4750	*	+	o	4750	4772
SPB 4820/ 5V1900	*	+	o	4820	4842
SPB 5000	*	+	o	5000	5022
SPB 5070/ 5V2000	*	+		5070	5092
SPB 5300	*	+		5300	5322
SPB 5380/ 5V2120	*	+		5380	5402
SPB 5600	*	+		5600	5622
SPB 5680/ 5V2240	*	+		5680	5702
SPB 5990/ 5V2360	*	+		5990	6012
SPB 6000	*	+		6000	6022
SPB 6300	*	+		6300	6322
SPB 6340/ 5V2500	*	+		6340	6362
SPB 6700	*	+		6700	6722
SPB 6720/ 5V2650	*	+		6720	6742
SPB 7100/ 5V2800	*	+		7100	7122
SPB 7500	*	+		7500	7522
SPB 7610/ 5V3000		+		7610	7632
SPB 7990/ 5V3150		+		7990	8012
SPB 8000		+		8000	8022
SPB 8500/ 5V3350		+		8500	8522
SPB 9010/ 5V3550		+		9010	9032
SPB 9500		+		9500	9522
SPB 10000		+		10000	10022

* available in cogged profile XPB
+ available in SPB banded profile
o available in XPB banded profile

PROFILE spb

SPZ 1047	*	+	1047	1060
SPZ 1060	*	+	1060	1073
SPZ 1077	*	+	1077	1090
SPZ 1080/ 3V425	*	+	1080	1093
SPZ 1112	*	+	1112	1125
SPZ 1120	*	+	1120	1133
SPZ 1137	*	+	1137	1150
SPZ 1140/ 3V450	*	+	1140	1153
SPZ 1162	*	+	1162	1175
SPZ 1180	*	+	1180	1193
SPZ 1187	*	+	1187	1200
SPZ 1200/ 3V475	*	+	1200	1213
SPZ 1202	*	+	1202	1215
SPZ 1212	*	+	1212	1225
SPZ 1237	*	+	1237	1250
SPZ 1250	*	+	1250	1263
SPZ 1262	*	+	1262	1275
SPZ 1270/ 3V500	*	+	1270	1283
SPZ 1287	*	+	1287	1300
SPZ 1312	*	+	1312	1325
SPZ 1320	*	+	1320	1333
SPZ 1337	*	+	1337	1350
SPZ 1340/ 3V530	*	+	1340	1353
SPZ 1347	*	+	1347	1360
SPZ 1362	*	+	1362	1375
SPZ 1387	*	+	1387	1400
SPZ 1400	*	+	1400	1413
SPZ 1412	*	+	1412	1425
SPZ 1420/ 3V560	*	+	1420	1433
SPZ 1437	*	+	1437	1450
SPZ 1462	*	+	1462	1475
SPZ 1487	*	+	1487	1500
SPZ 1500	*	+	1500	1513
SPZ 1512	*	+	1512	1525
SPZ 1520/ 3V600	*	+	1520	1533
SPZ 1537	*	+	1537	1550
SPZ 1562	*	+	1562	1575
SPZ 1587	*	+	1587	1600
SPZ 1600/ 3V630	*	+	1600	1613
SPZ 1612	*	+	1612	1625
SPZ 1637	*	+	1637	1650
SPZ 1662	*	+	1662	1675
SPZ 1687	*	+	1687	1700
SPZ 1700/ 3V670	*	+	1700	1713
SPZ 1737	*	+	1737	1750
SPZ 1762	*	+	1762	1775
SPZ 1787	*	+	1787	1800
SPZ 1800/ 3V710	*	+	1800	1813
SPZ 1812	*	+	1812	1825

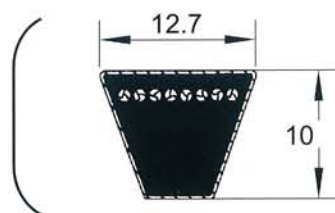
SPZ 1837	*	+	1837	1850
SPZ 1862	*	+	1862	1875
SPZ 1887	*	+	1887	1900
SPZ 1900/ 3V750	*	+	1900	1913
SPZ 1937	*	+	1937	1950
SPZ 1987	*	+	1987	2000
SPZ 2000	*	+	2000	2013
SPZ 2030/ 3V800	*	+	2030	2043
SPZ 2037	*	+	2037	2050
SPZ 2120	*	+	2120	2133
SPZ 2137	*	+	2137	2150
SPZ 2160/ 3V850	*	+	2160	2173
SPZ 2187	*	+	2187	2200
SPZ 2240	*	+	2240	2253
SPZ 2262	*	+	2262	2275
SPZ 2280/ 3V900	*	+	2280	2293
SPZ 2287	*	+	2287	2300
SPZ 2300	*	+	2300	2313
SPZ 2360	*	+	2360	2373
SPZ 2410/ 3V950	*	+	2410	2423
SPZ 2450	*	+	2450	2463
SPZ 2500	*	+	2500	2513
SPZ 2540/ 3V1000	*	+	2540	2553
SPZ 2650	*	+	2650	2663
SPZ 2690/ 3V1060	*	+	2690	2703
SPZ 2800	*	+	2800	2813
SPZ 2840/ 3V1120	*	+	2840	2853
SPZ 3000/ 3V1180	*	+	3000	3013
SPZ 3150	*	+	3150	3163
SPZ 3170/ 3V1250	*	+	3170	3183
SPZ 3350/ 3V1320	*	+	3350	3363
SPZ 3550/ 3V1400	*	+	3550	3563

* available in cogged profile XPZ
+ available in SPZ banded profile



PROFILE spz

SPA NARROW V-Belt

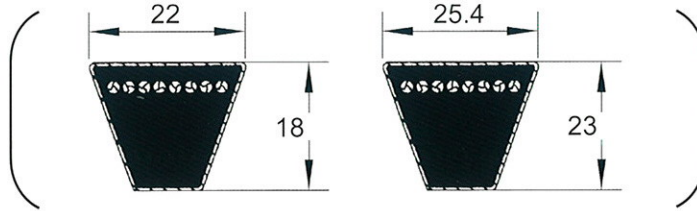


PROFILE spa

Belt Code			Pitch Length mm	Outside Length mm
SPA 732	*		732	750
SPA 757	*		757	775
SPA 782	*		782	800
SPA 800	*		800	818
SPA 807	*		807	825
SPA 832	*		832	850
SPA 850	*		850	868
SPA 857	*		857	875
SPA 882	*		882	900
SPA 900	*	+	900	918
SPA 907	*	+	907	925
SPA 932	*	+	932	950
SPA 950	*	+	950	968
SPA 957	*	+	957	975
SPA 982	*	+	982	1000
SPA 1000	*	+	1000	1018
SPA 1007	*	+	1007	1025
SPA 1032	*	+	1032	1050
SPA 1060	*	+	1060	1078
SPA 1082	*	+	1082	1100
SPA 1107	*	+	1107	1125
SPA 1120	*	+	1120	1138
SPA 1132	*	+	1132	1150
SPA 1157	*	+	1157	1175
SPA 1180	*	+	1180	1198
SPA 1207	*	+	1207	1225
SPA 1232	*	+	1232	1250
SPA 1250	*	+	1250	1268
SPA 1257	*	+	1257	1275
SPA 1272	*	+	1272	1290
SPA 1282	*	+	1282	1300
SPA 1307	*	+	1307	1325
SPA 1320	*	+	1320	1338
SPA 1332	*	+	1332	1350
SPA 1357	*	+	1357	1375
SPA 1382	*	+	1382	1400
SPA 1400	*	+	1400	1418
SPA 1407	*	+	1407	1425
SPA 1432	*	+	1432	1450
SPA 1457	*	+	1457	1475
SPA 1482	*	+	1482	1500
SPA 1500	*	+	1500	1518
SPA 1532	*	+	1532	1550
SPA 1557	*	+	1557	1575
SPA 1582	*	+	1582	1600
SPA 1600	*	+	1600	1618
SPA 1607	*	+	1607	1625
SPA 1632	*	+	1632	1650
SPA 1657	*	+	1657	1675
SPA 1682	*	+	1682	1700
SPA 1700	*	+	1700	1718
SPA 1707	*	+	1707	1725
SPA 1732	*	+	1732	1750
SPA 1757	*	+	1757	1775

PROFILE spa

SPC NARROW V-Belt



8V NARROW V-Belt

PROFILE spc

Belt Code				Pitch Length mm	Outside Length mm
SPC 2000	*		o	2000	2030
SPC 2120	*		o	2120	2150
SPC 2240	*	+	o	2240	2270
SPC 2360	*	+	o	2360	2390
SPC 2500	*	+	o	2500	2530
SPC 2650	*	+	o	2650	2680
SPC 2800	*	+	o	2800	2830
SPC 3000	*	+	o	3000	3030
SPC 3150	*	+	o	3150	3180
SPC 3350	*	+	o	3350	3380
SPC 3550	*	+	o	3550	3580
SPC 3750	*	+	o	3750	3780
SPC 4000	*	+	o	4000	4030
SPC 4250	*	+	o	4250	4280
SPC 4500	*	+	o	4500	4530
SPC 4750	*	+	o	4750	4780
SPC 5000	*	+	o	5000	5030
SPC 5300	*	+		5300	5330
SPC 5600	*	+		5600	5630
SPC 6000	*	+		6000	6030
SPC 6300	*	+		6300	6330
SPC 6700	*	+		6700	6730
SPC 7100	*	+		7100	7130
SPC 7500	*	+		7500	7530
SPC 8000		+		8000	8030
SPC 8500		+		8500	8530
SPC 9000		+		9000	9030
SPC 9500		+		9500	9530
SPC 10000		+		10000	10030
SPC 10600		+		10600	10630
SPC 11200		+		11200	11230
SPC 12500		+		12500	12530

* available in cogged profile XPC
+ available in SPC banded profile
o available in XPC banded profile

PROFILE 8v

Belt Code	Pitch Length mm	Outside Length mm
8V 1000	2524	2540
8V 1060	2676	2692
8V 1120	2829	2845
8V 1180	2981	2997
8V 1250	3159	3175
8V 1320	3337	3353
8V 1400	3540	3556
8V 1500	3794	3810
8V 1600	4048	4064
8V 1700	4302	4318
8V 1800	4556	4572
8V 1900	4810	4826
8V 2000	5064	5080
8V 2120	5369	5385
8V 2240	5674	5690
8V 2360	5978	5994
8V 2500	6334	6350
8V 2650	6715	6731
8V 2800	7096	7112
8V 3000	7604	7620
8V 3150	7985	8001
8V 3350	8493	8509
8V 3550	9001	9017
8V 3750	9509	9525
8V 4000	10144	10160
8V 4250	10779	10795
8V 4500	11414	11430
8V 4750	12049	12065
8V 5000	12684	12700
8V 5600	14208	14224

All above lengths also available
in banded profile



single TECHNICAL DATA SHEET



Section	Length ranges		Cross Section width x height	Angle	kg/m	Belt Speed m/s	Bending Frequency	Min Pulley Diameter	Temperature Range
	inch	mm							
SPZ		630 - 4064	9.7 x 8	40°	0.086	40	100	63	-40 - 100°C
SPA		732 - 5080	12.7 x 10	40°	0.128	40	100	90	-40 - 100°C
SPB		850 - 12700	16.3 x 13	40°	0.210	40	100	140	-40 - 100°C
SPC		1524 - 14224	22 x 18	40°	0.390	40	100	224	-40 - 100°C
3V	inch La	mm La	9.5 x 8	40°	0.075	40	100	63	-40 - 100°C
5V	34 - 160	635 - 3556	12.7 x 10	40°	0.207	40	100	140	-40 - 100°C
8V	34 - 450	1270 - 15240	15.9 x 13	40°	0.552	40	100	315	-40 - 100°C
XPZ		587 - 4000	9.7 x 8	40°	0.075	50	120	50	-40 - 100°C
XPA		732 - 5600	12.7 x 10	40°	0.112	50	120	63	-40 - 100°C
XPB		1250 - 7650	16.3 x 13	40°	0.184	50	120	100	-40 - 100°C
XPC		2000 - 7650	22 x 18	40°	0.343	50	120	160	-40 - 100°C
3VX	inch La	mm La	9.5 x 8	40°	0.066	50	120	56	-40 - 100°C
5VX	25 - 150	635 - 3810	12.7 x 10	40°	0.182	50	120	112	-40 - 100°C
8VX	50 - 300	1270 - 7620	15.9 x 13	40°	0.486	50	120	280	-40 - 100°C

Lp = pitch length
La = outside length
Raw edge laminated on request

banded TECHNICAL DATA SHEET



Section	Length ranges		Cross Section width x height	Angle	Centre Distance e	kg/m/rib	Max Belt Speed m/s	Bending Frequency	Min Pulley Diameter	Temperature Range
	inch	mm								
SPZ		863 - 4064	9.7 x 11	40°	12 +/- 0.3	0.119	30	60	71	-40 - 100°C
SPA		863 - 4318	12.7 x 13	40°	15 +/- 0.3	0.195	30	60	100	-40 - 100°C
SPB		863 - 7366	16.3 x 16.5	40°	19 +/- 0.3	0.268	30	60	160	-40 - 100°C
SPC		1473 - 11430	22 x 22	40°	25.5 +/- 0.5	0.495	30	60	250	-40 - 100°C
3V	inch La	mm La	9.5 x 11	40°	10.3 +/- 0.25	0.113	30	60	71	-40 - 100°C
5V	34 - 160	863 - 4060	12.7 x 13	40°	17.5 +/- 0.5	0.262	30	60	160	-40 - 100°C
8V	34 - 450	1270 - 15240	15.9 x 16.5	40°	28.6 +/- 0.8	0.685	30	60	315	-40 - 100°C
XPZ		1016 - 3550	9.7 x 11	40°	12 +/- 0.3	0.105	40	100	67	-40 - 100°C
XPA		1143 - 4500	12.7 x 13	40°	15 +/- 0.3	0.172	40	100	75	-40 - 100°C
XPB		1270 - 9000	16.3 x 16.5	40°	19 +/- 0.3	0.231	40	100	112	-40 - 100°C
XPC		1524 - 12500	22 x 22	40°	25.5 +/- 0.5	0.436	40	100	180	-40 - 100°C
3VX	inch La	mm La	9.5 x 11	40°	10.3 +/- 0.25	0.099	40	100	67	-40 - 100°C
5VX	50 - 150	1270 - 3810	12.7 x 13	40°	17.5 +/- 0.5	0.236	40	100	112	-40 - 100°C
8VX	50 - 300	1270 - 7620	15.9 x 16.5	40°	28.6 +/- 0.8	0.603	40	100	280	-40 - 100°C

Full profile laminated for raw edge cogged available

LENGTH CONVERSION CHART

Belt Type	Outside Length (mm)	Inside Length (mm)
SPZ	Li + 51 Lp + 13	Lp - 38
SPA	Li + 63 Lp + 18	Lp - 45
SPB	Li + 82 Lp + 22	Lp - 60
SPC	Li + 113 Lp + 30	Lp - 83
8V	-	La - 120

Conversion equation also applicable to raw edge cogged Narrow V-belt : XPZ, XPA, XPB, XPC, 8VX

Li = inside length (mm)
Lp = pitch length (mm)
La = outside length (mm)

POWER RATINGS AVAILABLE ON REQUEST