

Narrow V-Belts DIN 7753-1 / ISO 4184

Material: Rubber. Tensile members from polyester.
Contact sides covered with textile, rubber coated.

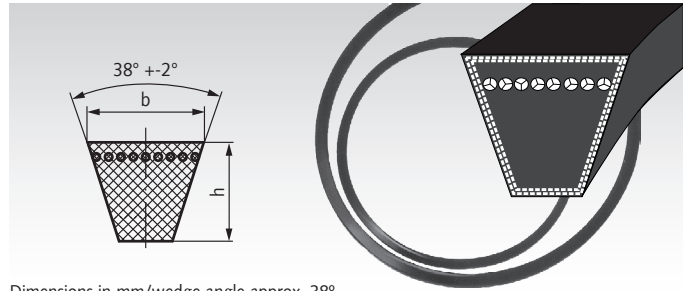
Modern: These V-belts with narrow, high shape offer higher power transmission than classic DIN 2215 V-belts, with lower flexibility. In most cases, classic V-belts can be replaced by narrow V-belts.

Maintenance required: After running in and prolonged use, re-tensioning is necessary.

Use: These V-belts are suitable for classical force-fitting drive systems at normal conditions. Because of the tight length tolerances, the belts can be used in sets.

Operating temperatur: -30° to +80°C.

Antistatic according to ISO 1813.



Dimensions in mm/wedge angle approx. 38°

Standard Size	SPZ	SPA	SPB	SPC
Width b	9,7	12,7	16,3	22
Height h	8	10	13	18
Width u	4,2	5,8	7,3	9,6
Smallest medium pulley diameter	63	90	140	224

Conversion table for outside (LA) and datum length (LR).

Standard Size	SPZ	SPA	SPB	SPC
$L_A = L_R + \text{mm}$	13	18	22	30

Ordering Details: e.g.: Product No. 15081600, V-Belt Profile SPZ, L_R 630 mm

Profile SPZ (9.7)		Profile SPA (12.7)		Profile SPB (16.3)		Profile SPC (22)	
Product No.	Datum Length LR in mm	Product No.	Datum Length LR in mm	Product No.	Datum Length LR in mm	Product No.	Datum Length LR in mm
150 816 00	630	152 820 00	732	154 812 50	1250	154 827 20	2720
150 818 00	670	152 822 00	757	154 812 80	1280	154 827 80	2780
150 820 00	710	152 825 00	800	154 813 20	1320	154 828 00	2800
150 822 00	750	152 830 00	850	154 813 60	1360	154 828 40	2840
150 824 00	762	152 834 00	900	154 814 00	1400	154 829 00	2900
150 825 00	800	152 836 00	950	154 814 50	1450	154 830 00	3000
150 827 00	812	152 838 00	1000	154 815 00	1500	154 830 70	3070
150 830 00	850	152 840 00	1060	154 815 00	1600	154 831 50	3150
150 832 00	875	152 843 00	1120	154 816 50	1650	154 832 50	3250
150 834 00	900	152 844 00	1157	154 817 00	1700	154 833 50	3350
150 836 00	950	152 845 00	1180	154 817 50	1750	154 834 25	3425
150 838 00	1000	152 848 00	1232	154 817 57	1757	154 834 50	3450
150 840 00	1060	152 849 00	1250	154 818 00	1800	154 835 50	3550
150 841 00	1087	152 851 00	1320	154 818 50	1850	154 836 50	3650
150 843 00	1120	152 854 00	1400	154 818 60	1860	154 836 75	3675
150 845 00	1180	152 856 00	1482	154 819 00	1900	154 837 50	3750
150 847 00	1212	152 857 00	1500	154 819 50	1950	154 838 00	3800
150 849 00	1250	152 860 00	1600	154 820 00	2000	154 838 50	3850
150 851 00	1320	152 863 00	1700	154 820 20	2020	154 838 70	3870
150 854 00	1400	152 866 00	1800	154 820 60	2060	154 840 00	4000
150 857 00	1500	152 869 00	1900	154 821 10	2110	154 840 60	4060
150 860 00	1600	152 872 00	2000	154 821 20	2120	154 841 20	4120
150 863 00	1700	152 874 00	2120	154 821 50	2150	154 842 10	4210
150 866 00	1800	152 875 00	2240	154 821 80	2180	154 842 50	4250
150 869 00	1900	152 877 00	2360	154 822 40	2240	154 843 10	4310
150 872 00	2000	152 879 00	2500	154 822 46	2246	154 845 00	4500
150 875 00	2240	152 881 00	2650	154 822 64	2264	154 847 50	4750
150 877 00	2360	152 883 00	2800	154 823 00	2300	154 850 00	5000
150 879 00	2500	152 886 00	3000	154 823 20	2320	154 853 00	5300
150 881 00	2650	152 888 00	3150	154 823 60	2360	154 856 00	5600
150 883 00	2800	152 891 00	3350	154 823 80	2380	154 860 00	6000
		152 893 00	3550	154 823 91	2391	154 863 00	6300
		152 895 00	3750	154 824 10	2410	154 867 00	6700
				154 824 30	2430	154 871 00	7100
				154 825 00	2500	154 875 00	7500
				154 825 80	2580	154 880 00	8000
				154 826 50	2650	154 888 00	8800
				154 826 80	2680		

Weight per Metre

Profile	kg/m
SPZ	0,074
SPA	0,123
SPB	0,195
SPC	0,377

Important

During mounting the belt must be pre-tensioned. After running in for 15 - 20 minutes the belt needs to be retightened.

At a continuous temperature of over 60° standard V-belts have only a short service life. Oil, Fats and chemicals should be kept away from the drive as they destroy the standard V-belts. Intermediate length are available on request.

The belts are antistatic in accordance with ISO 1813.