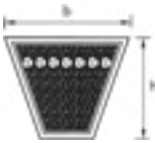




optibelt RED POWER 3 S=C Plus

HIGH-PERFORMANCE WEDGE BELTS
 maintenance free as per DIN 7753 Part 1/ ISO 4184
 and RMA/MPTA



Profiles:
 SPZ, SPA, SPB, SPC



Profiles:
 3V, 5V, 8V



RED POWER 3 CLASSIC
 Profiles on request



	SPZ	SPA	SPB	SPC	3V	5V	8V
Nominal length	Datum length L_d	Datum length L_d	Datum length L_d	Datum length L_d	Outside length $L_o / 10$	Outside length $L_o / 10$	Outside length $L_o / 10$
Nominal lengths unit	mm	mm	mm	mm	in	in	in
Height of belt h [mm]	8.00	10.00	13.00	18.00	8.00	13.00	23.00
Width of belt b [mm]	9.70	12.70	16.30	22.00	9.00	15.00	25.00
Weight [kg/m]	0.074	0.123	0.195	0.377	0.074	0.195	0.575
Max. manufacturing length [mm]	4000	4000	12500	12500	4000	12500	12500
Min. pulley diameter [mm]	63.00	90.00	140.00	224.00	67.00	151.00	315.00
Min. order quantity for non standard lengths from	1202 mm L_d = 76 pieces	1207 mm L_d = 62 pieces	1250 mm L_d = 50 pieces	2000 mm L_d = 32 pieces	1206 mm L_o = 80 pieces	1270 mm L_o = 50 pieces	2540 mm L_o = 28 pieces
Min. order quantity for non standard lengths from	2120 mm L_d = 70 pieces	2120 mm L_d = 78 pieces	2120 mm L_d = 72 pieces	-	2032 mm L_o = 98 pieces	2032 mm L_o = 72 pieces	-
Bundle quantity up to 2300 mm	25 pieces	25 pieces	10 pieces	10 pieces	25 pieces	10 pieces	-
Bundle quantity up to 5000 mm	10 pieces	10 piece	10 pieces	5 pieces	10 pieces	10 pieces	1 piece
Bundle quantity from 5000 mm	-	-	5 pieces	3 pieces	-	5 pieces	1 piece

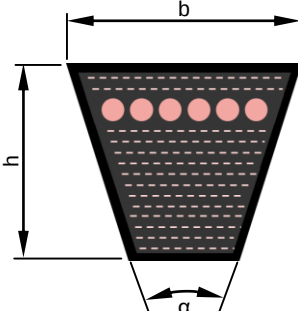
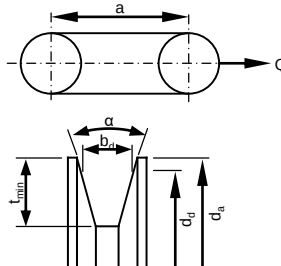
- Non stock items
- Lengths in bold type are version S=C Plus (Set Constant).
 datum length L_d = pitch length L_w

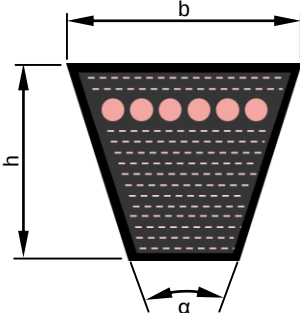
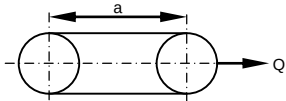
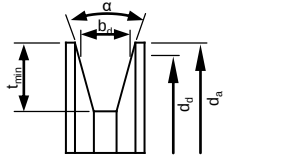
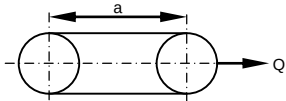
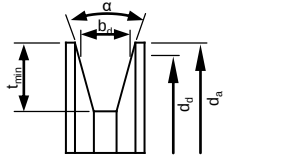
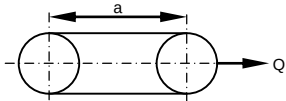
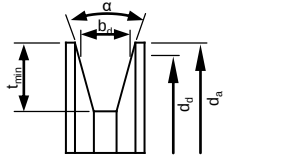
Ordering example: SPZ 1202 RP
 Please make sure to mention the product name in your order.

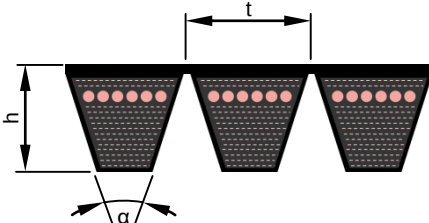
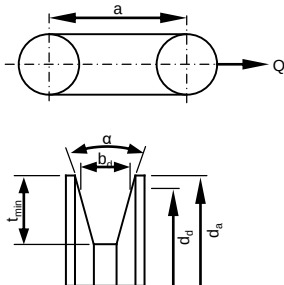
Description	Alternative RMA	Description	Alternative RMA	Description	Alternative RMA
SPZ		SPZ 3550 RP	3V 1400 RP	SPA 2240 RP	-
SPZ 1202 RP	3V 475 RP	SPA		SPA 2282 RP	-
SPZ 1212 RP	-	SPA 1207 RP	-	SPA 2300 RP	-
SPZ 1237 RP	-	SPA 1232 RP	-	SPA 2307 RP	-
SPZ 1250 RP	-	SPA 1250 RP	-	SPA 2332 RP	-
SPZ 1262 RP	3V 500 RP	SPA 1257 RP	-	SPA 2360 RP	-
SPZ 1287 RP	-	SPA 1272 RP	-	SPA 2382 RP	-
SPZ 1312 RP	-	SPA 1282 RP	-	SPA 2432 RP	-
SPZ 1320 RP	-	SPA 1307 RP	-	SPA 2482 RP	-
SPZ 1337 RP	-	SPA 1320 RP	-	SPA 2500 RP	-
SPZ 1362 RP	-	SPA 1332 RP	-	SPA 2532 RP	-
SPZ 1387 RP	3V 530 RP	SPA 1357 RP	-	SPA 2582 RP	-
SPZ 1400 RP	-	SPA 1382 RP	-	SPA 2607 RP	-
SPZ 1412 RP	-	SPA 1400 RP	-	SPA 2632 RP	-
SPZ 1437 RP	-	SPA 1407 RP	-	SPA 2650 RP	-
SPZ 1462 RP	-	SPA 1432 RP	-	SPA 2682 RP	-
SPZ 1487 RP	-	SPA 1457 RP	-	SPA 2732 RP	-
SPZ 1500 RP	-	SPA 1482 RP	-	SPA 2782 RP	-
SPZ 1512 RP	-	SPA 1500 RP	-	SPA 2800 RP	-
SPZ 1537 RP	-	SPA 1507 RP	-	SPA 2832 RP	-
SPZ 1562 RP	-	SPA 1532 RP	-	SPA 2847 RP	-
SPZ 1587 RP	-	SPA 1557 RP	-	SPA 2882 RP	-
SPZ 1600 RP	3V 630 RP	SPA 1582 RP	-	SPA 2932 RP	-
SPZ 1612 RP	-	SPA 1600 RP	-	SPA 2982 RP	-
SPZ 1637 RP	-	SPA 1607 RP	-	SPA 3000 RP	-
SPZ 1662 RP	-	SPA 1632 RP	-	SPA 3032 RP	-
SPZ 1687 RP	-	SPA 1657 RP	-	SPA 3082 RP	-
SPZ 1700 RP	3V 670 RP	SPA 1682 RP	-	SPA 3150 RP	-
SPZ 1737 RP	-	SPA 1700 RP	-	SPA 3182 RP	-
SPZ 1762 RP	-	SPA 1707 RP	-	SPA 3282 RP	-
SPZ 1787 RP	-	SPA 1732 RP	-	SPA 3350 RP	-
SPZ 1800 RP	3V 710 RP	SPA 1757 RP	-	SPA 3382 RP	-
SPZ 1837 RP	-	SPA 1782 RP	-	SPA 3550 RP	-
SPZ 1862 RP	-	SPA 1800 RP	-	SPA 3750 RP	-
SPZ 1887 RP	-	SPA 1807 RP	-	SPA 4000 RP	-
SPZ 1900 RP	3V 750 RP	SPA 1832 RP	-	SPB	
SPZ 1937 RP	-	SPA 1857 RP	-	SPB 1250 RP	-
SPZ 1987 RP	-	SPA 1882 RP	-	SPB 1320 RP	-
SPZ 2000 RP	-	SPA 1900 RP	-	SPB 1400 RP	-
SPZ 2037 RP	-	SPA 1907 RP	-	SPB 1450 RP	-
SPZ 2120 RP	-	SPA 1932 RP	-	SPB 1500 RP	-
SPZ 2137 RP	-	SPA 1957 RP	-	SPB 1550 RP	-
SPZ 2187 RP	-	SPA 1982 RP	-	SPB 1600 RP	-
SPZ 2240 RP	-	SPA 2000 RP	-	SPB 1700 RP	-
SPZ 2287 RP	3V 900 RP	SPA 2032 RP	-	SPB 1800 RP	-
SPZ 2360 RP	-	SPA 2057 RP	-	SPB 1850 RP	-
SPZ 2500 RP	-	SPA 2082 RP	-	SPB 1900 RP	5V 750 RP
SPZ 2650 RP	-	SPA 2120 RP	-	SPB 2000 RP	-
SPZ 2800 RP	-	SPA 2132 RP	-	SPB 2020 RP	-
SPZ 3000 RP	3V 1180 RP	SPA 2182 RP	-	SPB 2060 RP	-
SPZ 3150 RP	-	SPA 2207 RP	-	SPB 2120 RP	-
SPZ 3350 RP	3V 1320 RP	SPA 2232 RP	-	SPB 2150 RP	-

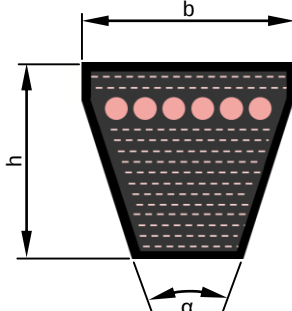
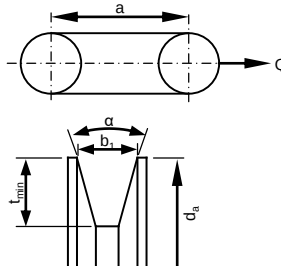
Description	Alternative RMA	Description	Alternative RMA	Description	Alternative RMA
SPB 2180 RP	-	SPC 5300 RP	-	5V 1400 RP	15N 3556 RP
SPB 2240 RP	-	SPC 5600 RP	-	5V 1500 RP	15N 3810 RP
SPB 2280 RP	-	SPC 6000 RP	-	5V 1600 RP	15N 4064 RP
SPB 2360 RP	-	SPC 6300 RP	-	5V 1700 RP	15N 4318 RP
SPB 2450 RP	-	SPC 6700 RP	-	5V 1800 RP	15N 4572 RP
SPB 2500 RP	-	SPC 7100 RP	-	5V 1900 RP	15N 4826 RP
SPB 2530 RP	-	SPC 7500 RP	-	5V 2000 RP	15N 5080 RP
SPB 2650 RP	-	SPC 8000 RP	-	5V 2120 RP	15N 5385 RP
SPB 2800 RP	-	SPC 8500 RP	-	5V 2240 RP	15N 5690 RP
SPB 2840 RP	-	SPC 9000 RP	-	5V 2360 RP	15N 5994 RP
SPB 2900 RP	-	SPC 9500 RP	-	5V 2500 RP	15N 6350 RP
SPB 3000 RP	-	SPC 10000 RP	-	5V 2650 RP	15N 6731 RP
SPB 3150 RP	-	3V		5V 2800 RP	15N 7112 RP
SPB 3250 RP	-	3V 475 RP	9N 1206 RP	5V 3000 RP	15N 7620 RP
SPB 3350 RP	5V 1320 RP	3V 500 RP	9N 1270 RP	5V 3150 RP	15N 8001 RP
SPB 3450 RP	-	3V 530 RP	9N 1346 RP	8V	
SPB 3550 RP	5V 1400 RP	3V 560 RP	9N 1422 RP	8V 1000 RP	25N 2540 RP
SPB 3650 RP	-	3V 600 RP	9N 1524 RP	8V 1120 RP	25N 2845 RP
SPB 3750 RP	-	3V 630 RP	9N 1600 RP	8V 1180 RP	25N 2997 RP
SPB 3800 RP	-	3V 670 RP	9N 1702 RP	8V 1250 RP	25N 3175 RP
SPB 4000 RP	-	3V 710 RP	9N 1803 RP	8V 1320 RP	25N 3353 RP
SPB 4120 RP	-	3V 750 RP	9N 1905 RP	8V 1400 RP	25N 3556 RP
SPB 4250 RP	-	3V 800 RP	9N 2032 RP	8V 1500 RP	25N 3810 RP
SPB 4500 RP	-	3V 850 RP	9N 2159 RP	8V 1600 RP	25N 4064 RP
SPB 4750 RP	-	3V 900 RP	9N 2286 RP	8V 1700 RP	25N 4318 RP
SPB 5000 RP	-	3V 950 RP	9N 2413 RP	8V 1800 RP	25N 4572 RP
SPB 5300 RP	-	3V 1000 RP	9N 2540 RP	8V 1900 RP	25N 4826 RP
SPB 5600 RP	-	3V 1060 RP	9N 2692 RP	8V 2000 RP	25N 5080 RP
SPB 6000 RP	-	3V 1120 RP	9N 2845 RP	8V 2120 RP	25N 5385 RP
SPB 6300 RP	-	3V 1180 RP	9N 2997 RP	8V 2240 RP	25N 5690 RP
SPB 6700 RP	-	3V 1250 RP	9N 3175 RP	8V 2360 RP	25N 5994 RP
SPB 7100 RP	5V 2800 RP	3V 1320 RP	9N 3353 RP	8V 2500 RP	25N 6350 RP
SPB 7500 RP	-	3V 1400 RP	9N 3556 RP	8V 2650 RP	25N 6731 RP
SPB 8000 RP	5V 3150 RP	5V		8V 2800 RP	25N 7112 RP
SPC		5V 500 RP	15N 1270 RP	8V 3000 RP	25N 7620 RP
SPC 2000 RP	-	5V 530 RP	15N 1346 RP	8V 3150 RP	25N 8001 RP
SPC 2120 RP	-	5V 560 RP	15N 1422 RP	8V 3350 RP	25N 8509 RP
SPC 2240 RP	-	5V 600 RP	15N 1524 RP	8V 3550 RP	25N 9017 RP
SPC 2360 RP	-	5V 630 RP	15N 1600 RP	8V 3750 RP	25N 9525 RP
SPC 2500 RP	-	5V 670 RP	15N 1702 RP	8V 4000 RP	25N 10160 RP
SPC 2650 RP	-	5V 710 RP	15N 1803 RP	8V 4250 RP	25N 10795 RP
SPC 2800 RP	-	5V 750 RP	15N 1905 RP	8V 4500 RP	25N 11430 RP
SPC 3000 RP	-	5V 800 RP	15N 2032 RP	8V 4750 RP	25N 12065 RP
SPC 3150 RP	-	5V 850 RP	15N 2159 RP		
SPC 3350 RP	-	5V 900 RP	15N 2286 RP		
SPC 3550 RP	-	5V 950 RP	15N 2413 RP		
SPC 3750 RP	-	5V 1000 RP	15N 2540 RP		
SPC 4000 RP	-	5V 1060 RP	15N 2692 RP		
SPC 4250 RP	-	5V 1120 RP	15N 2845 RP		
SPC 4500 RP	-	5V 1180 RP	15N 2997 RP		
SPC 4750 RP	-	5V 1250 RP	15N 3175 RP		
SPC 5000 RP	-	5V 1320 RP	15N 3353 RP		

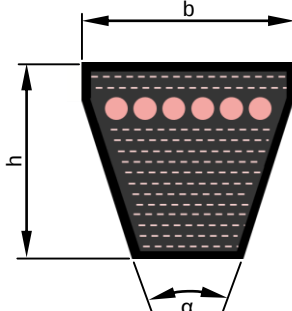


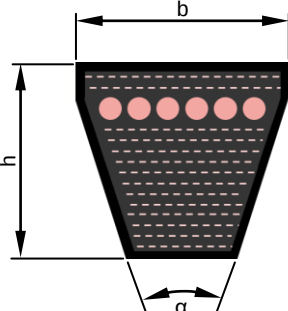
	1	2	3	4	5	6	7	8																															
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D	Wir beraten Sie gerne über die Produkteigenschaften und -anpassungen bei besonderen Anforderungen. Bitte beachten Sie auch die Hinweise in den Optibelt Dokumentationen. Irrtümer und technische Änderungen vorbehalten. www.optibelt.com, © Optibelt GmbH We would be pleased to offer advice about technical characteristics and drive design as well as special requirements. Further information can be found in Optibelt documentation. Subject to technical modification and change, errors and omissions excepted. www.optibelt.com, © Optibelt GmbH					 optibelt RED POWER 3 S=C Plus			D																														
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	α [°]	36 ± 10'																																		
	t _{min} [mm]	18																																		
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D	Wir beraten Sie gerne über die Produkteigenschaften und -anpassungen bei besonderen Anforderungen. Bitte beachten Sie auch die Hinweise in den Optibelt Dokumentationen. Irrtümer und technische Änderungen vorbehalten. www.optibelt.com, © Optibelt GmbH We would be pleased to offer advice about technical characteristics and drive design as well as special requirements. Further information can be found in Optibelt documentation. Subject to technical modification and change, errors and omissions excepted. www.optibelt.com, © Optibelt GmbH								optibelt RED POWER 3 S=C Plus	D																										
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C	Längen-Messbedingungen nach DIN 7753 Teil 1 und ISO 4183 Length measurement according to DIN 7753 Part 1 and ISO 4183  <table><tr><td>d_d [mm]</td><td>318,31 ± 0,13</td></tr><tr><td>U_d [mm]</td><td>1000</td></tr><tr><td>d_a [mm]</td><td>328 ± 0,13</td></tr><tr><td>b_d [mm]</td><td>19,00</td></tr><tr><td>α [°]</td><td>36 ± 15'</td></tr><tr><td>t_{min} [mm]</td><td>24</td></tr><tr><td>Q je Rippe [N]</td><td>1500</td></tr><tr><td colspan="2">L_d = 2a + U_d</td></tr><tr><td colspan="2">L_a = 2a + U_a</td></tr></table>		d _d [mm]	318,31 ± 0,13	U _d [mm]	1000	d _a [mm]	328 ± 0,13	b _d [mm]	19,00	α [°]	36 ± 15'	t _{min} [mm]	24	Q je Rippe [N]	1500	L _d = 2a + U _d		L _a = 2a + U _a		 optibelt KB RED POWER 3															
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C	Längen-Messbedingungen nach RMA/ARPM IP-22 Length measurement according to RMA/ARPM IP-22 <table><tr><td>Ua [mm]</td><td>300</td></tr><tr><td>da [mm]</td><td>95,50 ± 0,13</td></tr><tr><td>b1 [mm]</td><td>8,90 ± 0,13</td></tr><tr><td>α [°]</td><td>38 ± 15'</td></tr><tr><td>tmin [mm]</td><td>9,00</td></tr><tr><td>Q [N]</td><td>445</td></tr><tr><td colspan="2">La = 2a + Ua</td></tr></table>				Ua [mm]	300	da [mm]	95,50 ± 0,13	b1 [mm]	8,90 ± 0,13	α [°]	38 ± 15'	tmin [mm]	9,00	Q [N]	445	La = 2a + Ua						C												
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