

Profiles:
 XPZ, XPA, XPB, XPC,
 3VX, 5VX

optibelt
 SUPER XE-POWER PRO M=S

HIGH-PERFORMANCE WEDGE BELTS
 raw edge, moulded cogged as per
 DIN 7753 Part 1/ ISO 4184 and RMA/MPTA



	XPZ	XPA	XPB	XPC	3VX	5VX
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
Nominal lengths unit	mm	mm	mm	mm	in	in
Height of belt h [mm]	8.50	9.00	13.00	16.50	8.50	13.00
Width of belt b [mm]	9.70	12.70	16.30	22.00	9.00	15.00
Weight [kg/m]	0.058	0.089	0.156	0.274	0.055	0.152
Max. manufacturing length [mm]	3550	3550	3550	3550	3556	3556
Min. pulley diameter [mm]	56.00	71.00	112.00	180.00	56.00	112.00
Min. order quantity for non standard lengths	on request	on request	on request	on request	on request	on request
Bundle quantity up to 2300 mm	25 pieces	25 pieces	10 pieces	10 pieces	25 pieces	10 pieces
Bundle quantity up to 3556 mm	10 pieces	10 pieces	10 pieces	5 pieces	10 pieces	10 pieces

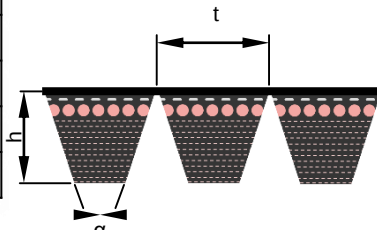
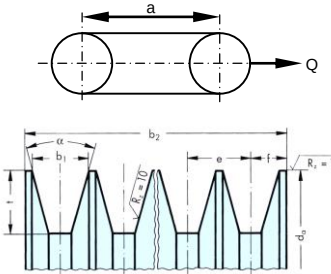
- Non stock items
datum length L_d = pitch length L_w

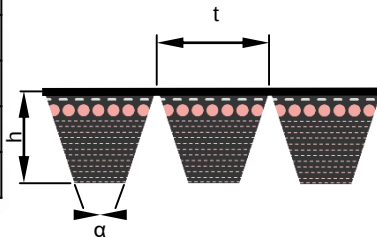
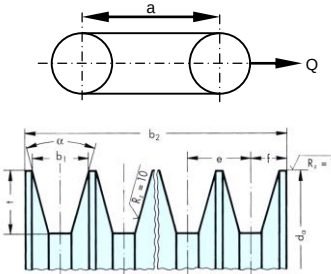
XPZ/3VX, XPB/5VX = replaceable dimension (not to be combined in sets).
 All optibelt SUPER XE-POWER M=S V-belts can be combined, without further measurement, to form sets if the nominal lengths are the same.

Ordering example: XPZ 587 XEP
 Please make sure to mention the product name in your order.

Description	Alternative RMA	Description	Alternative RMA	Description	Alternative RMA
XPZ		XPZ 1387 XEP	-	XPA 982 XEP	-
XPZ 587 XEP	-	XPZ 1400 XEP	-	XPA 1000 XEP	-
XPZ 612 XEP	-	XPZ 1412 XEP	3VX 560 XEP	XPA 1007 XEP	-
XPZ 630 XEP	3VX 250 XEP	XPZ 1437 XEP	-	XPA 1030 XEP	-
XPZ 637 XEP	-	XPZ 1462 XEP	-	XPA 1060 XEP	-
XPZ 662 XEP	-	XPZ 1487 XEP	-	XPA 1082 XEP	-
XPZ 670 XEP	3VX 265 XEP	XPZ 1500 XEP	-	XPA 1107 XEP	-
XPZ 687 XEP	-	XPZ 1512 XEP	-	XPA 1120 XEP	-
XPZ 710 XEP	3VX 280 XEP	XPZ 1537 XEP	-	XPA 1132 XEP	-
XPZ 730 XEP	-	XPZ 1562 XEP	-	XPA 1157 XEP	-
XPZ 737 XEP	-	XPZ 1587 XEP	-	XPA 1180 XEP	-
XPZ 750 XEP	-	XPZ 1600 XEP	3VX 630 XEP	XPA 1207 XEP	-
XPZ 762 XEP	3VX 300 XEP	XPZ 1612 XEP	-	XPA 1232 XEP	-
XPZ 772 XEP	-	XPZ 1662 XEP	-	XPA 1250 XEP	-
XPZ 787 XEP	-	XPZ 1700 XEP	3VX 670 XEP	XPA 1257 XEP	-
XPZ 800 XEP	3VX 315 XEP	XPZ 1750 XEP	-	XPA 1272 XEP	-
XPZ 812 XEP	-	XPZ 1762 XEP	-	XPA 1282 XEP	-
XPZ 825 XEP	-	XPZ 1800 XEP	3VX 710 XEP	XPA 1307 XEP	-
XPZ 837 XEP	-	XPZ 1850 XEP	-	XPA 1320 XEP	-
XPZ 850 XEP	3VX 335 XEP	XPZ 1900 XEP	3VX 750 XEP	XPA 1332 XEP	-
XPZ 862 XEP	-	XPZ 1950 XEP	-	XPA 1357 XEP	-
XPZ 875 XEP	-	XPZ 2000 XEP	-	XPA 1382 XEP	-
XPZ 887 XEP	-	XPZ 2120 XEP	-	XPA 1400 XEP	-
XPZ 900 XEP	3VX 355 XEP	XPZ 2150 XEP	3VX 850 XEP	XPA 1432 XEP	-
XPZ 912 XEP	-	XPZ 2240 XEP	-	XPA 1450 XEP	-
XPZ 925 XEP	-	XPZ 2360 XEP	-	XPA 1457 XEP	-
XPZ 937 XEP	-	XPZ 2500 XEP	-	XPA 1482 XEP	-
XPZ 950 XEP	3VX 375 XEP	XPZ 2540 XEP	3VX 1000 XEP	XPA 1500 XEP	-
XPZ 962 XEP	-	XPZ 2650 XEP	-	XPA 1507 XEP	-
XPZ 987 XEP	-	XPZ 2690 XEP	3VX 1060 XEP	XPA 1532 XEP	-
XPZ 1000 XEP	-	XPZ 2800 XEP	-	XPA 1557 XEP	-
XPZ 1012 XEP	3VX 400 XEP	XPZ 2840 XEP	3VX 1120 XEP	XPA 1582 XEP	-
XPZ 1037 XEP	-	XPZ 3000 XEP	3VX 1180 XEP	XPA 1600 XEP	-
XPZ 1060 XEP	-	XPZ 3150 XEP	-	XPA 1607 XEP	-
XPZ 1077 XEP	3VX 425 XEP	XPZ 3350 XEP	3VX 1320 XEP	XPA 1632 XEP	-
XPZ 1087 XEP	-	XPZ 3550 XEP	3VX 1400 XEP	XPA 1650 XEP	-
XPZ 1112 XEP	-	XPA		XPA 1682 XEP	-
XPZ 1120 XEP	-	XPA 707 XEP	-	XPA 1700 XEP	-
XPZ 1137 XEP	3VX 450 XEP	XPA 732 XEP	-	XPA 1732 XEP	-
XPZ 1162 XEP	-	XPA 757 XEP	-	XPA 1750 XEP	-
XPZ 1180 XEP	-	XPA 782 XEP	-	XPA 1757 XEP	-
XPZ 1187 XEP	-	XPA 800 XEP	-	XPA 1782 XEP	-
XPZ 1202 XEP	3VX 475 XEP	XPA 807 XEP	-	XPA 1800 XEP	-
XPZ 1212 XEP	-	XPA 832 XEP	-	XPA 1832 XEP	-
XPZ 1237 XEP	-	XPA 850 XEP	-	XPA 1850 XEP	-
XPZ 1250 XEP	-	XPA 857 XEP	-	XPA 1882 XEP	-
XPZ 1262 XEP	3VX 500 XEP	XPA 882 XEP	-	XPA 1900 XEP	-
XPZ 1287 XEP	-	XPA 900 XEP	-	XPA 1932 XEP	-
XPZ 1312 XEP	-	XPA 907 XEP	-	XPA 1950 XEP	-
XPZ 1320 XEP	-	XPA 932 XEP	-	XPA 1982 XEP	-
XPZ 1337 XEP	3VX 530 XEP	XPA 950 XEP	-	XPA 2000 XEP	-
XPZ 1362 XEP	-	XPA 957 XEP	-	XPA 2120 XEP	-

Description	Alternative RMA	Description RMA inches	Description metric		
XPA 2240 XEP	-	3VX			
XPA 2360 XEP	-	3VX 250 XEP	9NX 635 XEP		
XPA 2500 XEP	-	3VX 265 XEP	9NX 673 XEP		
XPA 2650 XEP	-	3VX 280 XEP	9NX 711 XEP		
XPA 2800 XEP	-	3VX 300 XEP	9NX 762 XEP		
XPA 3000 XEP	-	3VX 315 XEP	9NX 800 XEP		
XPA 3150 XEP	-	3VX 335 XEP	9NX 851XEP		
XPA 3350 XEP	-	3VX 355 XEP	9NX 902 XEP		
XPA 3550 XEP	-	3VX 375 XEP	9NX 952 XEP		
XPB		3VX 400 XEP	9NX 1016 XEP		
XPB 1250 XEP	-	3VX 425 XEP	9NX 1079 XEP		
XPB 1320 XEP	-	3VX 450 XEP	9NX 1143 XEP		
XPB 1400 XEP	-	3VX 475 XEP	9NX 1206 XEP		
XPB 1450 XEP	-	3VX 500 XEP	9NX 1270 XEP		
XPB 1500 XEP	-	3VX 530 XEP	9NX 1346 XEP		
XPB 1600 XEP	-	3VX 560 XEP	9NX 1422 XEP		
XPB 1650 XEP	-	3VX 600 XEP	9NX 1524 XEP		
XPB 1700 XEP	-	3VX 630 XEP	9NX 1600 XEP		
XPB 1750 XEP	-	3VX 670 XEP	9NX 1702 XEP		
XPB 1800 XEP	-	3VX 710 XEP	9NX 1803 XEP		
XPB 1850 XEP	-	3VX 750 XEP	9NX 1905 XEP		
XPB 1900 XEP	5VX 750 XEP	3VX 800 XEP	9NX 2032 XEP		
XPB 2000 XEP	-	3VX 850 XEP	9NX 2159 XEP		
XPB 2020 XEP	5VX 800 XEP	3VX 900 XEP	9NX 2286 XEP		
XPB 2040 XEP	-	3VX 950 XEP	9NX 2413 XEP		
XPB 2120 XEP	-	3VX 1000 XEP	9NX 2540 XEP		
XPB 2150 XEP	5VX 850 XEP	3VX 1060 XEP	9NX 2692 XEP		
XPB 2240 XEP	-	3VX 1120 XEP	9NX 2845 XEP		
XPB 2280 XEP	5VX 900 XEP	3VX 1180 XEP	9NX 2997 XEP		
XPB 2360 XEP	-	3VX 1250 XEP	9NX 3175 XEP		
XPB 2400 XEP	5VX 950 XEP	3VX 1320 XEP	9NX 3353 XEP		
XPB 2500 XEP	-	3VX 1400 XEP	9NX 3556 XEP		
XPB 2650 XEP	-	5VX			
XPB 2680 XEP	5VX 1060 XEP	5VX 500 XEP	15NX 1270 XEP		
XPB 2800 XEP	-	5VX 530 XEP	15NX 1346 XEP		
XPB 2840 XEP	5VX 1120 XEP	5VX 560 XEP	15NX 1422 XEP		
XPB 3000 XEP	-	5VX 600 XEP	15NX 1524 XEP		
XPB 3150 XEP	-	5VX 630 XEP	15NX 1600 XEP		
XPB 3350 XEP	5VX 1320 XEP	5VX 670 XEP	15NX 1702 XEP		
XPB 3550 XEP	5VX 1400 XEP	5VX 710 XEP	15NX 1803 XEP		
XPC		5VX 750 XEP	15NX 1905 XEP		
XPC 2000 XEP	-	5VX 800 XEP	15NX 2032 XEP		
XPC 2120 XEP	-	5VX 850 XEP	15NX 2159 XEP		
XPC 2240 XEP	-	5VX 900 XEP	15NX 2286 XEP		
XPC 2360 XEP	-	5VX 950 XEP	15NX 2413 XEP		
XPC 2500 XEP	-	5VX 1000 XEP	15NX 2540 XEP		
XPC 2650 XEP	-	5VX 1060 XEP	15NX 2692 XEP		
XPC 2800 XEP	-	5VX 1120 XEP	15NX 2845 XEP		
XPC 3000 XEP	-	5VX 1180 XEP	15NX 2997 XEP		
XPC 3150 XEP	-	5VX 1250 XEP	15NX 3175 XEP		
XPC 3350 XEP	-	5VX 1320 XEP	15NX 3353 XEP		
XPC 3550 XEP	-	5VX 1400 XEP	15NX 3556 XEP		

	1	2	3	4	5	6	7	8																																								
A	<table><tr><th>Längenbezeichnung Length designation</th><th>Außenlänge Outside length [mm]</th><th>Längentoleranz Length tolerance [mm]</th><th>Satztoleranz Set tolerance [mm]</th></tr><tr><td>250 ≤ 500</td><td>635 ≤ 1270</td><td>± 8</td><td>4</td></tr><tr><td>500 ≤ 800</td><td>1271 ≤ 2032</td><td>± 10</td><td>4</td></tr><tr><td>800 ≤ 1000</td><td>2033 ≤ 2540</td><td>± 13</td><td>6</td></tr><tr><td>1000 ≤ 1400</td><td>2033 ≤ 2540</td><td>± 15</td><td>6</td></tr></table>				Längenbezeichnung Length designation	Außenlänge Outside length [mm]	Längentoleranz Length tolerance [mm]	Satztoleranz Set tolerance [mm]	250 ≤ 500	635 ≤ 1270	± 8	4	500 ≤ 800	1271 ≤ 2032	± 10	4	800 ≤ 1000	2033 ≤ 2540	± 13	6	1000 ≤ 1400	2033 ≤ 2540	± 15	6	Prinzip-Skizze Principle sketch 		<table><tr><th colspan="3">Profil / Section: 5VX KB</th></tr><tr><th>t [mm]</th><th>h [mm]</th><th>α [°]</th></tr><tr><td>17,6 ± 0,4</td><td>14,6 ± 1,1</td><td>39 ± 2</td></tr></table> Aufbau des Riemens: 1. Gummierte Deckplatte 2. Deckgewebe 3. Polyester 4. Chloropren-Mischung mit quer gerichteten Fasern V-Belt construction: 1. Rubber top surface 2. Fabric 3. Polyester 4. Chloropren compound with transverse oriented fiber		Profil / Section: 5VX KB			t [mm]	h [mm]	α [°]	17,6 ± 0,4	14,6 ± 1,1	39 ± 2											
Längenbezeichnung Length designation	Außenlänge Outside length [mm]	Längentoleranz Length tolerance [mm]	Satztoleranz Set tolerance [mm]																																													
250 ≤ 500	635 ≤ 1270	± 8	4																																													
500 ≤ 800	1271 ≤ 2032	± 10	4																																													
800 ≤ 1000	2033 ≤ 2540	± 13	6																																													
1000 ≤ 1400	2033 ≤ 2540	± 15	6																																													
Profil / Section: 5VX KB																																																
t [mm]	h [mm]	α [°]																																														
17,6 ± 0,4	14,6 ± 1,1	39 ± 2																																														
B	Riemensätze müssen im Satz bestellt werden Belt sets must be ordered as a set																																															
C	Kennzeichnungsbeispiel / Marking example: Made in ... optibelt SUPER KBX-POWER 5VX 600 Antistatic ISO 1813 1 2 ● Werkscod Plant code Profil / Profile Längenbezeichnung / Length designation Jahreszeichen / Year code																																															
D	Längen-Messbedingungen nach ARPM/MPTA Length measurement according ARPM/MPTA <table><tr><td>U_a [mm]</td><td>600</td></tr><tr><td>d_a [mm]</td><td>191 ± 0,13</td></tr><tr><td>b₁ [mm]</td><td>15,2 0,13</td></tr><tr><td>α [°]</td><td>38 ± 15'</td></tr><tr><td>t_{min} [mm]</td><td>15</td></tr><tr><td>e [mm]</td><td>17,50</td></tr><tr><td>Q je Rippe [N]</td><td>1000</td></tr><tr><td colspan="2">L_a = 2a + U_a</td></tr></table>				U _a [mm]	600	d _a [mm]	191 ± 0,13	b ₁ [mm]	15,2 0,13	α [°]	38 ± 15'	t _{min} [mm]	15	e [mm]	17,50	Q je Rippe [N]	1000	L _a = 2a + U _a		 optibelt SUPER KBX-POWER <table><tr><td>4</td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr><tr><td>1</td><td>Freigabe</td><td>01.03.2016</td><td>HGr</td></tr><tr><td>0</td><td>Erstellt</td><td>01.03.2016</td><td>Mur</td></tr><tr><td>Zust.</td><td>Änderungen</td><td>Datum</td><td>Name</td></tr></table> Dateiname: Datenblatt_optibelt SUPER KBX-POWER_5VX_KB.pdf				4				3				2				1	Freigabe	01.03.2016	HGr	0	Erstellt	01.03.2016	Mur	Zust.	Änderungen	Datum	Name
U _a [mm]	600																																															
d _a [mm]	191 ± 0,13																																															
b ₁ [mm]	15,2 0,13																																															
α [°]	38 ± 15'																																															
t _{min} [mm]	15																																															
e [mm]	17,50																																															
Q je Rippe [N]	1000																																															
L _a = 2a + U _a																																																
4																																																
3																																																
2																																																
1	Freigabe	01.03.2016	HGr																																													
0	Erstellt	01.03.2016	Mur																																													
Zust.	Änderungen	Datum	Name																																													
	1	2	3	4	5	6	7	8																																								

	1	2	3	4	5	6	7	8																													
A	<table><tr><th>Längenbezeichnung Length designation</th><th>Außenlänge Outside length [mm]</th><th>Längentoleranz Length tolerance [mm]</th><th>Satztoleranz Set tolerance [mm]</th></tr><tr><td>250 ≤ 500</td><td>635 ≤ 1270</td><td>± 8</td><td>4</td></tr><tr><td>500 ≤ 800</td><td>1271 ≤ 2032</td><td>± 10</td><td>4</td></tr><tr><td>800 ≤ 1000</td><td>2033 ≤ 2540</td><td>± 13</td><td>6</td></tr><tr><td>1000 ≤ 1400</td><td>2033 ≤ 2540</td><td>± 15</td><td>6</td></tr></table>				Längenbezeichnung Length designation	Außenlänge Outside length [mm]	Längentoleranz Length tolerance [mm]	Satztoleranz Set tolerance [mm]	250 ≤ 500	635 ≤ 1270	± 8	4	500 ≤ 800	1271 ≤ 2032	± 10	4	800 ≤ 1000	2033 ≤ 2540	± 13	6	1000 ≤ 1400	2033 ≤ 2540	± 15	6	Prinzip-Skizze Principle sketch 		<table><tr><th colspan="3">Profil / Section: 3VX KB</th></tr><tr><th>t [mm]</th><th>h [mm]</th><th>α [°]</th></tr><tr><td>10,4 ± 0,4</td><td>10,6 ± 1,1</td><td>39 ± 2</td></tr></table> Aufbau des Riemens: 1. Gummierte Deckplatte 2. Deckgewebe 3. Polyester 4. Chloropren-Mischung mit quer gerichteten Fasern V-Belt construction: 1. Rubber top surface 2. Fabric 3. Polyester 4. Chloropren compound with transverse oriented fiber		Profil / Section: 3VX KB			t [mm]	h [mm]	α [°]	10,4 ± 0,4	10,6 ± 1,1	39 ± 2
Längenbezeichnung Length designation	Außenlänge Outside length [mm]	Längentoleranz Length tolerance [mm]	Satztoleranz Set tolerance [mm]																																		
250 ≤ 500	635 ≤ 1270	± 8	4																																		
500 ≤ 800	1271 ≤ 2032	± 10	4																																		
800 ≤ 1000	2033 ≤ 2540	± 13	6																																		
1000 ≤ 1400	2033 ≤ 2540	± 15	6																																		
Profil / Section: 3VX KB																																					
t [mm]	h [mm]	α [°]																																			
10,4 ± 0,4	10,6 ± 1,1	39 ± 2																																			
B	Riemensätze müssen im Satz bestellt werden Belt sets must be ordered as a set																																				
	Kennzeichnungsbeispiel / Marking example: - Made in ... optibelt SUPER KBX-POWER 3VX 600 Antistatic ISO 1813 1 2 ● Werkscodes / Plant code Profil / Profile Längenbezeichnung / Length designation Jahreszeichen / Year code																																				
C	Längen-Messbedingungen nach ARPM/MPTA Length measurement according ARPM/MPTA <table><tr><td>U_a [mm]</td><td>300</td></tr><tr><td>d_a [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>t_{min} [mm]</td><td>9</td></tr><tr><td>e [mm]</td><td>10,30</td></tr><tr><td>Q je Rippe [N]</td><td>445</td></tr><tr><td colspan="2">L_a = 2a + U_a</td></tr></table>				U _a [mm]	300	d _a [mm]	95,50 ± 0,13	b ₁ [mm]	8,90 0,13	α [°]	38 ± 15'	t _{min} [mm]	9	e [mm]	10,30	Q je Rippe [N]	445	L _a = 2a + U _a																		
U _a [mm]	300																																				
d _a [mm]	95,50 ± 0,13																																				
b ₁ [mm]	8,90 0,13																																				
α [°]	38 ± 15'																																				
t _{min} [mm]	9																																				
e [mm]	10,30																																				
Q je Rippe [N]	445																																				
L _a = 2a + U _a																																					
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 SUPER KBX-POWER <table><tr><td>4</td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr><tr><td>1</td><td>Freigabe</td><td>01.03.2016</td><td>HGr</td></tr><tr><td>0</td><td>Erstellt</td><td>01.03.2016</td><td>Mur</td></tr><tr><td>Zust.</td><td>Änderungen</td><td>Datum</td><td>Name</td></tr></table> Dateiname: Datenblatt_optibelt SUPER KBX-POWER_3VX_KB.pdf				4				3				2				1	Freigabe	01.03.2016	HGr	0	Erstellt	01.03.2016	Mur	Zust.	Änderungen	Datum	Name					
4																																					
3																																					
2																																					
1	Freigabe	01.03.2016	HGr																																		
0	Erstellt	01.03.2016	Mur																																		
Zust.	Änderungen	Datum	Name																																		
	1	2	3	4	5	6	7	8																													