

optibelt *RB*

The ribbed belt combines the high flexibility of flat belts with the high performance of V-belts. The V-shaped parallel ribs are made from a wear-resistant rubber compound. The high strength tension cord is designed for the many applications of the ribbed belt. It is embedded in a rubber adhesive mixture and covers the entire width of the ribbed belt. Fibre reinforced, wear-resistant rubber compounds ensure quiet operation, oil and heat resistance and a long belt life.

Advantages

- Ribbed belts
- High efficiency
- Very good dynamic power transmission capability
- Good coefficient of friction and high performance
- Low vibration and noise
- Withstands shock loads and short-term overload
- High belt speeds possible
- Can be used with back bend idlers, e.g. in serpentine drives

The small minimum pulley diameters permit drives with high speed ratios as well as small drive volume requirements. Ribbed belts are well suited for use with back bend idlers, e.g. in serpentine drives.

Examples of Applications

Mechanical engineering

- Milling machines and lathes
- Textile machines
- Spindle drives
- Paper machines
- Fan drives

Household appliances

- Washing machines
- Tumble driers
- Exercise equipment
- DIY equipment



Sections:

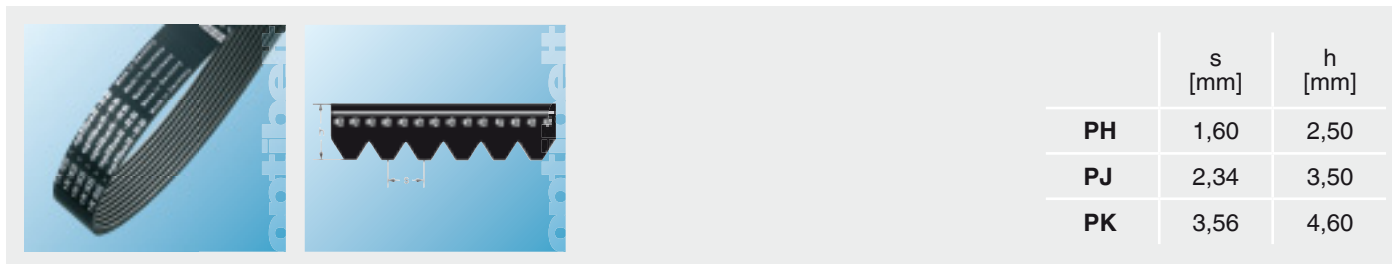
PH; PJ; PK; PL; PM

Dimensions:

Belt lengths depend on the section.


V-ribbed pulleys:

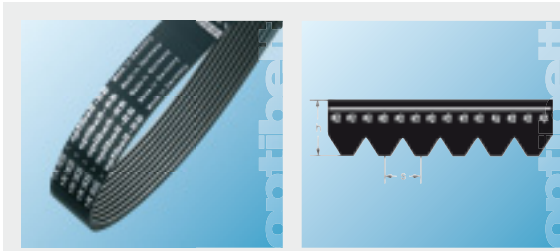
wide range of standard sizes
special pulleys on request



	s [mm]	h [mm]
PH	1,60	2,50
PJ	2,34	3,50
PK	3,56	4,60


PH		PJ				PK			
Bezugslänge <i>Effective length</i>		Bezugslänge <i>Effective length</i>		Bezugslänge <i>Effective length</i>		Bezugslänge <i>Effective length</i>		Bezugslänge <i>Effective length</i>	
[mm]	[Zoll inch]	[mm]	[Zoll inch]	[mm]	[Zoll inch]	[mm]	[Zoll inch]	[mm]	[Zoll inch]
698	27,50	280	11,00	1475	58,10	630	24,80	2030	79,90
735	28,90	330	13,00	1549	61,00	648	25,50	2050	80,70
762	30,00	356	14,00	1600	63,00	698	27,50	2080	82,00
813	32,00	362	14,30	1651	65,00	730	28,70	2120	83,50
858	33,80	381	15,00	1663	65,50	775	30,50	2145	84,40
864	34,00	406	16,00	1752	69,00	800	31,50	2170	85,40
886	34,90	414	16,30	1780	70,00	812	32,00	2235	88,00
955	37,60	432	17,00	1854	73,00	830	32,70	2255	88,80
965	38,00	457	18,00	1895	74,60	865	34,00	2362	93,00
975	38,40	483	19,00	1910	75,20	875	34,50	2460	96,90
990	39,00	508	20,00	1915	75,40	890	35,00	2515	99,00
1016	40,00	559	22,00	1930	76,00	913	36,00	2845	112,00
1080	42,50	584	23,00	1956	77,00	920	36,20		
1092	43,00	610	24,00	1965	77,40	940	37,00		
1096	43,10	660	26,00	1981	78,00	954	37,60		
1168	46,00	711	28,00	1992	78,40	962	37,80		
1194	47,00	723	28,50	2083	82,00	990	39,00		
1200	47,20	737	29,00	2155	84,80	1015	40,00		
1222	48,10	762	30,00	2210	87,00	1080	42,50		
1230	48,40	813	32,00	2337	92,00	1090	43,00		
1262	49,70	836	32,90	2489	98,00	1125	44,30		
1270	50,00	864	34,00			1150	45,30		
1285	50,60	914	36,00			1165	45,90		
1290	50,80	955	37,60			1190	46,80		
1301	51,20	965	38,00			1200	47,20		
1309	51,50	1016	40,00			1222	48,10		
1316	51,80	1092	43,00			1230	48,40		
1321	52,00	1105	43,50			1245	49,00		
1333	52,50	1110	43,70			1270	50,00		
1371	54,00	1123	44,20			1285	50,60		
1397	55,00	1130	44,50			1290	50,80		
1439	56,70	1150	45,30			1321	52,00		
1475	58,10	1168	46,00			1330	52,40		
1600	63,00	1194	47,00			1345	53,00		
1854	73,00	1200	47,30			1371	54,00		
1895	74,60	1222	48,10			1397	55,00		
1915	75,40	1244	49,00			1439	56,70		
1930	76,00	1262	49,70			1460	57,50		
1956	77,00	1270	50,00			1520	59,80		
1992	78,40	1285	50,60			1560	61,40		
2083	82,00	1301	51,20			1570	61,80		
2155	84,80	1309	51,50			1600	63,00		
		1316	51,80			1655	65,20		
		1321	52,00			1690	66,50		
		1333	52,50			1755	69,10		
		1355	53,40			1854	73,00		
		1371	54,00			1885	74,20		
		1397	55,00			1930	76,00		
		1428	56,20			1956	77,00		
		1439	56,70			1980	78,00		

Bestellbeispiel <i>Order example</i>	Produkt <i>Product</i>	Profil/Ausführung <i>Profile and model</i>	Bezugslänge <i>Effective length</i> [mm]	Bezugslänge <i>Effective length</i> [Zoll inch]	
Optibelt RB	Rippenband <i>Ribbed Belt</i>	PJ	2489	98,00	



	s [mm]	h [mm]
PL	4,7	7,0
PM	9,4	13,0

PL		PM	
Bezugslänge <i>Effective length</i>		Bezugslänge <i>Effective length</i>	
[mm]	[Zoll <i>inch</i>]	[mm]	[Zoll <i>inch</i>]
954	37,50	2286	90,00
991	39,00	2388	94,00
1075	42,30	2515	99,00
1194	47,00	2693	106,00
1270	50,00	2832	111,50
1333	52,50	2921	115,00
1371	54,00	3010	118,50
1397	55,00	3124	123,00
1422	56,00	3327	131,00
1562	61,50	3531	139,00
1613	63,50	3734	147,00
1664	65,50	4089	161,00
1715	67,50	4191	165,00
1764	69,50	4470	176,00
1803	71,00	4648	183,00
1841	72,50	5029	198,00
1943	76,50	5410	213,00
1981	78,00	6121	241,00
2020	79,50	6883	271,00
2070	81,50	7646	301,00
2096	82,50	8408	331,00
2134	84,00	9169	361,00
2197	86,50	9931	391,00
2235	88,00	10693	421,00
2324	91,50	12217	481,00
2362	93,00	13741	541,00
2476	97,50	15266	601,00
2515	99,00		
2705	106,50		
2743	108,00		
2845	112,00		
2895	114,00		
2921	115,00		
2997	118,00		
3086	121,50		
3124	123,00		
3289	129,50		
3327	131,00		
3492	137,50		
3696	145,50		
4051	159,50		
4191	165,00		
4470	176,00		
4622	182,00		
5029	198,00		
5385	212,00		
6096	240,00		

Bestellbeispiel <i>Order example</i>	Produkt <i>Product</i>	Profil/Ausführung <i>Profile and model</i>	Bezugslänge <i>Effective length</i> [mm]	Bezugslänge <i>Effective length</i> [Zoll <i>inch</i>]	
Optibelt RB	Rippenband <i>Ribbed Belt</i>	PL	6096	240,00	