



Belt widths b [mm] (in-between belt widths on request)					
6,35	7,94	9,53	12,7	19,1	25,4
Imperial code					
025	031	037	050	075	100

1/5" = 5,08 mm

BFX XL	Available lengths and versions
Standard lengths	see table on the right
Minimum purchase amount	1 sleeve (b= 101,6 mm)
Further lengths	on request
Standard material	TPUST3
Steel tension member (Standard)	x
E tension member	-
Stainless steel tension member	-
PAZ	x
DL / DL-PAZ	-
DR / DR-PAZ	-
T / T-PAZ	-

- x available, standard lengths (see table) without minimum purchase
- o minimum purchase amount on request
- not available
- 1) further materials on request

Length code / Standard lengths [mm] / Number of teeth					
Length code	Length [mm]	Number of teeth	Length code	Length [mm]	Number of teeth
60	152,40	30	170	431,80	85
70	177,80	35	180	457,20	90
80	203,20	40	190	482,60	95
90	228,60	45	200	508,00	100
100	254,00	50	210	533,40	105
110	279,40	55	220	558,80	110
120	304,80	60	230	584,20	115
130	330,20	65	240	609,60	120
140	355,60	70	250	635,00	125
150	381,00	75	260	660,40	130
160	406,40	80			

BRECOFLEX® XL Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min <sup>-1</sup> ]	F <sub>Uspec</sub> [N/cm]	M <sub>Uspec</sub> [Ncm/cm]	P <sub>Uspec</sub> [W/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>Uspec</sub> [N/cm]	M <sub>Uspec</sub> [Ncm/cm]	P <sub>Uspec</sub> [W/cm]
0	24,40	1,973	0,000	2000	13,91	1,125	2,360
20	23,80	1,922	0,040	2200	13,60	1,100	2,530
40	23,20	1,879	0,079	2400	13,31	1,076	2,710
60	22,80	1,842	0,116	2600	13,05	1,055	2,870
80	22,40	1,809	0,152	2800	12,80	1,035	3,060
100	22,00	1,780	0,186	3000	12,57	1,017	3,190
200	20,60	1,667	0,349	3200	12,36	0,999	3,350
300	19,63	1,587	0,498	3400	12,16	0,983	3,500
400	18,86	1,525	0,639	3600	11,96	0,967	3,650
500	18,23	1,474	0,772	3800	11,78	0,953	3,790
600	17,70	1,431	0,899	4000	11,61	0,939	3,930
700	17,24	1,394	1,022	4500	11,21	0,907	4,270
800	16,83	1,361	1,140	5000	10,86	0,878	4,600
900	16,47	1,332	1,255	5500	10,54	0,852	4,910
1000	16,14	1,305	1,367	6000	10,24	0,828	5,200
1100	15,84	1,281	1,475	6500	9,97	0,806	5,490
1200	15,57	1,259	1,582	7000	9,72	0,786	5,760
1300	15,31	1,238	1,685	7500	9,49	0,767	6,020
1400	15,07	1,219	1,787	8000	9,27	0,749	6,280
1500	14,85	1,201	1,886	8500	9,06	0,732	6,520
1600	14,64	1,184	1,984	9000	8,86	0,717	6,760
1700	14,45	1,168	2,080	9500	8,68	0,702	6,980
1800	14,26	1,153	2,170	10000	8,51	0,688	7,200
1900	14,08	1,139	2,270				

BRECOFLEX® XL Admissible tensile force of the belt F <sub>adm</sub> / Belt weight								
Belt width	b [mm]	6,35	7,94	9,53	12,7	19,1	25,4	
E / Steel tension member	F <sub>adm</sub> [N]	180	240	300	420	690	930	
Stainless steel tension member	F <sub>adm</sub> [N]	-	-	-	-	-	-	
Belt weight	Standard	[kg/m]	0,016	0,020	0,024	0,030	0,038	0,061
	DL	[kg/m]	-	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

BRECOFLEX® XL Flexibility (minimum number of teeth / minimum diameter)													
		Steel tension member				E tension member				Stainless steel tension member			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Without contra-flexure	z <sub>min</sub>	10	-	-	-	-	-	-	-	-	-	-
		d <sub>min</sub> [mm]	30	-	-	-	-	-	-	-	-	-	-
	With contra-flexure	z <sub>min</sub>	15	-	-	-	-	-	-	-	-	-	-
		d <sub>min</sub> [mm]	30	-	-	-	-	-	-	-	-	-	-