



Belt widths b [mm] (in-between belt widths on request)					
9,53	12,7	19,1	25,4	50,8	101,6
Imperial code					
037	050	075	100	200	400

3/8" = 9,525 mm

BFX L	Available lengths and versions	
Standard lengths	see table on the right	
Minimum purchase amount	up to 685,8 mm	1 sleeve (b= 101,6 mm)
Any number of teeth available from	723,9 mm up to 14992,35 mm	
Intermediate lengths	from 723,9 mm	o
StandardPlus version	723,9 mm up to 14992,35 mm	
Over 14992,35 mm	on request	
Standard material	up to 685,8 mm	TPUST3
	from 723,9 mm	TPUST1 ¹⁾
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
124	314,33	33	367	933,45	98
150	381,00	40	390	990,60	104
187	476,25	50	420	1066,80	112
202	514,35	54	450	1143,00	120
210	533,40	56	480	1219,20	128
225	571,50	60	540	1371,60	144
240	609,60	64	570	1447,80	152
255	647,70	68	600	1524,00	160
270	685,80	72	630	1600,20	168
285	723,90	76	660	1676,40	176
300	762,00	80	705	1790,70	188
322	819,15	86	750	1905,00	200
345	876,30	92			

BRECOFLEX® L Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min ⁻¹]	F _{spec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]	R.p.m. n [min ⁻¹]	F _{spec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]
0	37,40	5,670	0,000	2000	18,78	2,850	5,960
20	36,30	5,500	0,115	2200	18,22	2,760	6,370
40	35,30	5,350	0,224	2400	17,71	2,690	6,750
60	34,50	5,230	0,329	2600	17,25	2,610	7,120
80	33,80	5,120	0,429	2800	16,81	2,550	7,470
100	33,10	5,020	0,526	3000	16,40	2,490	7,810
200	30,70	4,650	0,974	3200	16,02	2,430	8,140
300	28,90	4,380	1,377	3400	15,66	2,370	8,450
400	27,50	4,180	1,749	3600	15,32	2,320	8,760
500	26,40	4,010	2,100	3800	15,00	2,270	9,050
600	25,50	3,860	2,430	4000	14,69	2,230	9,330
700	24,70	3,740	2,740	4500	13,99	2,120	9,990
800	24,00	3,630	3,040	5000	13,36	2,030	10,610
900	23,30	3,530	3,330	5500	12,79	1,939	11,170
1000	22,70	3,450	3,610	6000	12,27	1,860	11,690
1100	22,20	3,370	3,880	6500	11,79	1,787	12,160
1200	21,70	3,290	4,140	7000	11,34	1,719	12,600
1300	21,30	3,220	4,390	7500	10,93	1,656	13,010
1400	20,80	3,160	4,630	8000	10,54	1,597	13,380
1500	20,40	3,100	4,870	8500	10,17	1,542	13,720
1600	20,10	3,040	5,100	9000	9,83	1,490	14,040
1700	19,72	2,990	5,320	9500	9,50	1,440	14,330
1800	19,39	2,940	5,540	10000	9,19	1,393	14,590
1900	19,08	2,890	5,750				

BRECOFLEX® L Admissible tensile force of the belt F _{adm} / Belt weight								
Belt width	b [mm]	9,53	12,7	19,1	25,4	50,8	101,6	
E / Steel tension member	F _{adm} [N]	630	910	1470	2030	4270	8750	
Stainless steel tension member	F _{adm} [N]	-	-	-	-	-	-	
Belt weight	Standard	[kg/m]	0,038	0,044	0,066	0,088	0,178	0,356
	DL	[kg/m]	-	-	-	-	-	-
	DR	[kg/m]	-	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-	-

BRECOFLEX® L 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	
z _{min} d _{min}	Without contra-flexure	z _{min}	15	-	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	60	-	-	-	-	-	-	-	-	-	-	-
z _{min} d _{min}	With contra-flexure	z _{min}	20	-	-	-	-	-	-	-	-	-	-	-
		d _{min} [mm]	60	-	-	-	-	-	-	-	-	-	-	-