



Belt widths b [mm] (in-between belt widths on request)					
25	32	50	75	100	150

Standard lengths [mm] / Number of teeth					
Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1740	116	2805	187	4500	300
1965	131	3000	200	4875	325
2100	140	3225	215	5250	350
2250	150	3450	230	5625	375
2385	159	3675	245	6000	400
2520	168	3900	260		
2670	178	4125	275		

BFX ATP15	Available lengths and versions
Standard lengths	see table on the right
Any number of teeth available from	1500 mm up to 12000 mm
Intermediate lengths	from 1500 mm <input type="checkbox"/>
StandardPlus version	1500 mm up to 12000 mm
Over 12000 mm	on request
Standard material	TPUST1 <sup>1)</sup>
Steel tension member (Standard)	x
E tension member	o
Stainless steel tension member	-
DL <input type="checkbox"/> $b_{max} = 100$	o
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

BRECOFLEX® ATP15 Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min <sup>-1</sup> ]	F <sub>spec</sub> [N/cm]	M <sub>spec</sub> [Ncm/cm]	P <sub>spec</sub> [W/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>spec</sub> [N/cm]	M <sub>spec</sub> [Ncm/cm]	P <sub>spec</sub> [W/cm]
0	143,325	34,216	0,000	1900	73,494	17,545	34,910
20	140,945	33,648	0,705	2000	71,980	17,184	35,990
40	138,722	33,117	1,387	2200	69,141	16,506	38,027
60	136,637	32,620	2,050	2400	66,523	15,881	39,914
80	134,674	32,151	2,693	2600	64,094	15,301	41,661
100	132,818	31,708	3,320	2800	61,828	14,760	43,280
150	128,584	30,697	4,822	3000	59,706	14,254	44,779
200	124,832	29,799	6,241	3200	57,709	13,777	46,167
300	118,367	28,258	8,877	3400	55,824	13,327	47,451
400	112,952	26,965	11,295	3600	54,040	12,901	48,636
500	108,288	25,852	13,536	3800	52,345	12,496	49,727
600	104,193	24,874	15,629	4000	50,731	12,111	50,731
700	100,542	24,003	17,595	4500	47,006	11,222	52,881
800	97,249	23,216	19,450	5000	43,652	10,421	54,565
900	94,249	22,500	21,206	5500	40,602	9,693	55,828
1000	91,495	21,843	22,874	6000	37,806	9,026	56,709
1100	88,949	21,235	24,461	6500	35,225	8,409	57,240
1200	86,583	20,670	25,975	7000	32,827	7,837	57,447
1300	84,372	20,142	27,421	7500	30,589	7,303	57,354
1400	82,297	19,647	28,804	8000	28,490	6,802	56,980
1500	80,343	19,180	30,128	8500	26,515	6,330	56,344
1600	78,495	18,739	31,398	9000	24,649	5,884	55,460
1700	76,745	18,321	32,616	9500	22,881	5,462	54,342
1800	75,080	17,924	33,786	10000	21,201	5,061	53,003

BRECOFLEX® ATP15 Admissible tensile force of the belt F <sub>adm</sub> / Belt weight								
Belt width	b [mm]	25	32	50	75	100	150	
E / Steel tension member	F <sub>adm</sub> [N]	4950	6750	11250	17550	23850	36450	
Stainless steel tension member	F <sub>adm</sub> [N]	-	-	-	-	-	-	
Belt weight	Standard	[kg/m]	0,200	0,256	0,400	0,600	0,800	1,200
	DL	[kg/m]	0,210	0,272	0,432	0,654	0,876	-

BRECOFLEX® ATP15 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 contraflexure	z <sub>min</sub>	20	25	-	-	18	20	-	-	-	-	-	-
		d <sub>min</sub> [mm]	100	120	-	-	80	100	-	-	-	-	-	-
	With contraflexure	z <sub>min</sub>	30	30	-	-	25	25	-	-	-	-	-	-
		d <sub>min</sub> [mm]	160	160	-	-	120	140	-	-	-	-	-	-