



Belt widths b [mm] (in-between belt widths on request)		
50,8	76,2	101,6
Imperial code		
200	300	400

7/8" = 22,225 mm

BFX XH	Available lengths and versions
Standard lengths	see table on the right
Any number of teeth available from	1422,4 mm up to 16002 mm
Intermediate lengths	from 1422,4 mm o
StandardPlus version	1422,4 mm up to 16002 mm
Over 16002 mm	on request
Standard material	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
560	1422,40	64	1400	3556,00	160
630	1600,20	72	1540	3911,60	176
700	1778,00	80	1750	4445,00	200
770	1955,80	88	1960	4978,40	224
840	2133,60	96	2275	5778,50	260
980	2489,20	112	2450	6223,00	280
1120	2844,80	128	3500	8890,00	400
1260	3200,40	144			

BRECOFLEX® XH 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	91,35	29,070	0,000	1400	46,35	14,760	21,600
20	88,29	28,080	0,589	1500	45,27	14,418	22,680
40	85,77	27,270	1,144	1600	44,28	14,094	23,580
60	83,52	26,550	1,670	1700	43,38	13,797	24,570
80	81,63	26,010	2,178	1800	42,48	13,509	25,470
100	79,83	25,380	2,664	1900	41,58	13,239	26,370
200	73,08	23,310	4,878	2000	40,77	12,978	27,180
300	68,31	21,780	6,831	2200	39,24	12,501	28,800
400	64,62	20,610	8,613	2400	37,89	12,060	30,330
500	61,56	19,620	10,269	2600	36,63	11,665	31,680
600	59,04	18,810	11,799	2800	35,46	11,277	33,030
700	56,79	18,090	13,257	3000	34,29	10,917	34,290
800	54,81	17,460	14,625	3200	33,30	10,593	35,460
900	53,10	16,902	15,930	3400	32,31	10,278	36,630
1000	51,48	16,398	17,172	3600	31,41	9,981	37,620
1100	50,04	15,939	18,360	3800	30,51	9,702	38,610
1200	48,78	15,516	19,530	4000	29,70	9,441	39,510
1300	47,52	15,120	20,610	4500	27,72	8,829	41,580

BRECOFLEX® XH Admissible tensile force of the belt F _{adm} / Belt weight					
Belt width	b [mm]	50,8	76,2	101,6	
E / Steel tension member	F _{adm} [N]	7750	12000	16250	
Stainless steel tension member	F _{adm} [N]	-	-	-	
Belt weight	Standard	[kg/m]	0,530	0,795	1,059
	DL	[kg/m]	-	-	-
	DR	[kg/m]	-	-	-
	T	[kg/m]	-	-	-

BRECOFLEX® XH 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}	18	-	-	-	-	-	-	-	-	-	-
	d _{min} [mm]	150	-	-	-	-	-	-	-	-	-	-	-
 z _{min} d _{min}	With contra-flexure	z _{min}	25	-	-	-	-	-	-	-	-	-	-
	d _{min} [mm]	180	-	-	-	-	-	-	-	-	-	-	-