

Truly Endless "BFX"



Specifications

Widths (mm) <small>In between widths available</small>	16	20	25	32	50	75	100	150
Lengths	See Standard Lengths on pg 2 Additional lengths available up to 22,000mm. In between lengths available starting at a minimum length of 1,100mm.							
Available Options	Nylon coating tooth side (PAZ), Polyurethane cover (T-Cover), Double-sided (DL), Extra thickness (DR)							
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel							

Product Performance

Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
Approx. up to 100kW	Approx. 6500 min ⁻¹	Approx. 40 ms ⁻¹	From z=15	Heavy construction machinery, paper machinery, pumps, compressors, textile machinery.

Specifications

Timing Belt	Pitch (mm)	Code	Ultimate Tensile Strength (N/10mm belt width)	Maximum Allowable Tensile Strength (N/10mm belt width)	Specific Belt Stiffness Steel Reinforced (Per unit width/length)	Specific Belt Mass (per 10mm belt width, steel reinforced)
T-Series	T20	BFX	6400	1600	4.00 x 10 ⁵ N	0.074 kg/m

Minimum Number of Pulley Teeth and Idler Diameter

Pitch (mm)	Min. # of Pulley Teeth (no back bending)	Min. # of Pulley Teeth (with back bending)	Min. Diameter of Flat Idler running on tooth side (mm)	Min. Diameter of Flat Idler running on belt back (mm)
T20	15	25	120	120

Standard Material

TPUST1¹⁾

Note: Contact our Engineering Department for Pulley information

Standard Lengths

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
T20 / 1260 SFX	63	T20 / 2120 BFX	106	T20 / 3360 BFX	168	T20 / 5600 BFX	280
T20 / 1460 SFX	73	T20 / 2240 BFX	112	T20 / 3560 BFX	178	T20 / 6000 BFX	300
T20 / 1500 BFX	75	T20 / 2360 BFX	118	T20 / 3620 BFX	181	T20 / 6300 BFX	315
T20 / 1600 BFX	80	T20 / 2500 BFX	125	T20 / 3760 BFX	188	T20 / 6700 BFX	335
T20 / 1700 BFX	85	T20 / 2600 SFX	130	T20 / 4000 BFX	200	T20 / 7100 BFX	355
T20 / 1780 SFX	89	T20 / 2660 BFX	133	T20 / 4260 BFX	213	T20 / 7500 BFX	375
T20 / 1800 BFX	90	T20 / 2800 BFX	140	T20 / 4500 BFX	225	T20 / 8000 BFX	400
T20 / 1880 SFX	94	T20 / 3000 BFX	150	T20 / 4760 BFX	238	T20 / 8500 BFX	425
T20 / 1900 BFX	95	T20 / 3100 SFX	155	T20 / 5000 BFX	250	T20 / 9000 BFX	450
T20 / 2000 BFX	100	T20 / 3160 BFX	158	T20 / 5300 BFX	265		