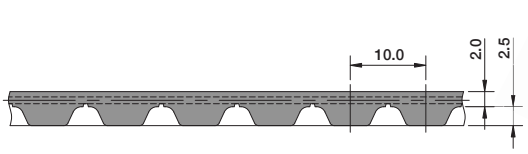
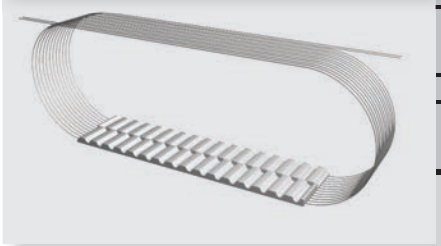
SFAT10

BFX SFAT Self-Tracking-SERIES



Truly Endless "BFX"



Specifications

Widths (inches) In between widths available	50	75	100
Lengths	See Standard Lengths Below 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)		
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel		

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)
SFAT10	15	25	50	120

Standard Material

TPUST1[1)]

Product Performance

Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
≤ 70 kW	ca. 10000 min^{-1}	ca. 60 ms^{-1}	ab z=15	Construction machines, pumps, paper-making machines, compressors, textile machines, roller-table drives

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)
SFAT-Series	SFAT10	BFX	6400	1600	4.00 x 10^5 N	0.058 kg/m

Standard Lengths

Pitch/Length Version	Number of Teeth
SFAT10 / 1100 BFX	110
SFAT10 / 1200 BFX	120
SFAT10 / 1300 BFX	130
SFAT10 / 1400 BFX	140
SFAT10 / 1500 BFX	150
SFAT10 / 1600 BFX	160
SFAT10 / 1700 BFX	170
SFAT10 / 1800 BFX	180

Pitch/Length Version	Number of Teeth
SFAT10 / 1900 BFX	190
SFAT10 / 2000 BFX	200
SFAT10 / 2240 BFX	224
SFAT10 / 2500 BFX	250
SFAT10 / 2800 BFX	280
SFAT10 / 3000 BFX	300
SFAT10 / 3550 BFX	355
SFAT10 / 4000 BFX	400

Pitch/Length Version	Number of Teeth
SFAT10 / 4500 BFX	450
SFAT10 / 5000 BFX	500
SFAT10 / 5600 BFX	560
SFAT10 / 6000 BFX	600
SFAT10 / 6700 BFX	670
SFAT10 / 7100 BFX	710
SFAT10 / 7500 BFX	750

Ordering Example: Polyurethane Timing Belt

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]

75 SFAT10 / 5000 BFX