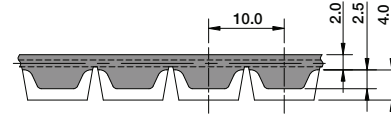


ATK10K6

BFX Self-Tracking-SERIES



Truly Endless "BFX"

Specifications



Widths (inches) <small>In between widths available</small>	25	50	100
Lengths	See Standard Lengths Below Additional lengths available up to 22,000mm. In between lengths available starting at a minimum length of 720mm (800mm for PAZ); Except 1,080mm minimum length for widths >50mm.		
Available Options	Nylon coating tooth side (PAZ), Polyurethane back cover (T-cover), Extra thick (DR)		
Tension Member Options	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel Kevlar®		

Product Performance

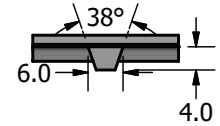
Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
≤ 70 kW	ca. 10000 min ⁻¹	ca. 60 ms ⁻¹	ab z=15	Construction machines, pumps, paper-making machines, compressors, textile machines, roller-table drives

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)
ATK10K6	25	25	60	120

Standard Material

TPUST1¹⁾



Ordering Example: Polyurethane Timing Belt

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]
50 ATK10K6 / 5300 BFX

Standard Lengths

Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth	Pitch/Length Version	Number of Teeth
ATK10K6 / 1500 BFX	150	ATK10K6 / 2650 BFX	265	ATK10K6 / 4750 BFX	475
ATK10K6 / 1600 BFX	160	ATK10K6 / 2800 BFX	280	ATK10K6 / 5000 BFX	500
ATK10K6 / 1700 BFX	170	ATK10K6 / 3000 BFX	300	ATK10K6 / 5300 BFX	530
ATK10K6 / 1800 BFX	180	ATK10K6 / 3150 BFX	315	ATK10K6 / 5600 BFX	560
ATK10K6 / 1900 BFX	190	ATK10K6 / 3350 BFX	335	ATK10K6 / 6000 BFX	600
ATK10K6 / 2000 BFX	200	ATK10K6 / 3550 BFX	355	ATK10K6 / 6300 BFX	630
ATK10K6 / 2120 BFX	212	ATK10K6 / 3750 BFX	375	ATK10K6 / 6700 BFX	670
ATK10K6 / 2240 BFX	224	ATK10K6 / 4000 BFX	400	ATK10K6 / 7100 BFX	710
ATK10K6 / 2360 BFX	236	ATK10K6 / 4250 BFX	425	ATK10K6 / 7500 BFX	750
ATK10K6 / 2500 BFX	250	ATK10K6 / 4500 BFX	450	ATK10K6 / 8000 BFX	800

Stock Pulleys

Tooth Type	Number of Teeth	Outside Diameter	Pitch Circle Diameter	Face Width	Pilot Bore	Part Number
ATK10K6	z	d _k (mm)	d _o (mm)	B (mm)	d _v (mm)	
BELT WIDTH = 50 mm	20	61.80	63.66	55	12	AL 55 ATK10K6 / 20-0, d=12
	24	74.55	76.39	55	12	AL 55 ATK10K6 / 24-0, d=12
	25	77.75	79.58	55	12	AL 55 ATK10K6 / 25-0, d=12
	27	84.10	85.94	55	12	AL 55 ATK10K6 / 27-0, d=12
	30	93.65	95.49	55	12	AL 55 ATK10K6 / 30-0, d=12
	32	100.00	101.86	55	12	AL 55 ATK10K6 / 32-0, d=12
	36	112.75	114.59	55	16	AL 55 ATK10K6 / 36-0, d=16
	40	125.45	127.32	55	16	AL 55 ATK10K6 / 40-0, d=16
	48	150.95	152.79	55	16	AL 55 ATK10K6 / 48-0, d=16
	60	189.15	190.99	55	16	AL 55 ATK10K6 / 60-0, d=16
BELT WIDTH = 100mm	20	61.80	63.66	105	12	AL 105 ATK10K6 / 20-0, d=12
	24	74.55	76.39	105	12	AL 105 ATK10K6 / 24-0, d=12
	25	77.75	79.58	105	12	AL 105 ATK10K6 / 25-0, d=12
	27	84.10	85.94	105	12	AL 105 ATK10K6 / 27-0, d=12
	30	93.65	95.49	105	12	AL 105 ATK10K6 / 30-0, d=12
	32	100.00	101.86	105	12	AL 105 ATK10K6 / 32-0, d=12
	36	112.75	114.59	105	16	AL 105 ATK10K6 / 36-0, d=16
	40	125.45	127.32	105	16	AL 105 ATK10K6 / 40-0, d=16