



BELT CHARACTERISTICS

- Polyurethane self tracking timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Profile AT10 with central guide - K13 x 6,5 mm (+0/-1)
- Profile AT10 with central guide - K6 x 4 mm (+0/-1)
- Allow to use pulleys without flanges
- The central guide is notched in order to maximize belt flexibility
- Ideal for conveying applications where a side load is generated by loading/unloading transferring a product

STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]
 LENGTH TOLERANCE: $\pm 0,5$ [mm/m]
 THICKNESS TOLERANCE: $\pm 0,2$ [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]		32	50	75	100	150
Allowable tensile load	F_{Tzul} [N]*	5390	8580	12990	17400	26220
Breaking load	F_{Br} [N]	20900	33250	50350	67450	101650
Specific spring rate	C_{spez} [N]	1347500	2145000	3247500	4350000	6555000
Weight	[kg/m]	0,27	0,36	0,50	0,72	1,08

Other widths are available on request

Specialties

Belt width b [mm]		32	50	75	100	150
ARAMID CORD	F_{Tzul} [N]*	4840	7700	11660	15620	23540
	F_{Br} [N]	22000	35000	53000	71000	107000

Flexibility

Minimum pulley number of teeth and minimum idler diameter		Drive without reverse bending		Drive with reverse bending	
		z_{min}	idler d_{min}	z_{min}	idler d_{min}
STANDARD	Guide K6	15	50 mm	25	120 mm
	Guide K13	20	50 mm	25	120 mm
ARAMID	Guide K6	15	50 mm	20	120 mm
	Guide K13	20	50 mm	20	120 mm

Elatech® V Joined informations

Allowable tensile load of joined belt is 50% of M - open end [*]