



BELT CHARACTERISTICS

- Polyurethane self tracking timing belt with steel tension cords
- Tooth profile according to UNI/ISO 5296
- Profile H with central guide - K13 x 6,5 mm (+0/-1)
- Self tracking no need of pulley flanges
- Imperial pitch 1/2" = 12,7 mm
- Allow to use small diameter pulley
- Mainly used in applications where inch pitch is an advantage (USA / UK)

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 [inch]/[mm]		1,00 / 25,4	2,00 / 50,8	3,00 / 76,2	4,00 / 101,6	6,00 / 152,4
Allowable tensile load	F_{Tzul} [N]*	2760	5640	8510	11390	17370
Breaking load	F_{Br} [N]	10080	20580	31080	41580	63420
Specific spring rate	C_{spez} [N]	690000	1410000	2127500	2847500	4342500
Weight	[kg/m]	0,16	0,30	0,38	0,51	0,70

Other widths are available on request

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	20	80 mm	22	160 mm

Elatech® V Joined informations

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