Technical datasheet

PU Moulded T10 -950 Steel

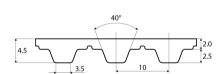


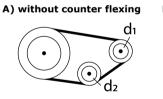
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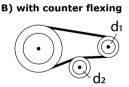
General information								
Productgroup	Timing belts, PU Moulded							
Industry segment	General industry;	General industry; Container & packaging; Wood: Panel board						
Main product feature	Positive drive, Nor	Positive drive, Non-marking, Wear resistant						
Belt construction								
Tension member		steel						
Material	body	body Polyurethane						
Surface	tooth side	Polyurethar	ne					
	back side	Polyurethar	ne					
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	no							
Oil & Fat resistance	yes							
Technical data								
Tooth	profile			T10				
	pitch				mm	0.39	in.	
Hardness body material	ISO 868				Shore			
Belt thickness					mm	0.18		
Belt weight					kg/m²	0.98	lbs/ft²	
Coefficient of friction	tooth side to steel		dynamic	0,5		22 (476	0 5	
Operating temperature	continuous		from / to	-30 / 80		-22 / 176	۳F	
Minimum pulley diameter	A) without counter flexing		number of teeth, t1 d1	12 36.35		1.43	in	
			d1 d2		mm	2.36		
	B) with counter fle	avina	number of teeth, t1	20		2.30		
	b) with counter ne	exing	d1	61.81		2.43	in	
			d1 d2		mm	2.36		
Belt width	maximum		42		mm	11.81		
Belt length					mm	37.4	in.	

Reference images

Side view







Fabrication

This information on the fabrication options is general, please contact Ammeraal Beltech to inquire for the specific fabrication possibilities of the timing belt of your choice.

Cleats welded or mechanically attached, metal teeth, guides welded or glued.

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

Perforations, lateral and logitudinal slots, lateral and longitudinal profiles.

Additional Information

Tooth profile according to standard: metric ISO 17396, imperial ISO 5296-1, curvilinear ISO 13050, depending on the belt type.

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Consult our specialists for further information like technical calculations. Instructions regarding joining, storage & maintenance and tracking & tensioning.

Standard

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