Technical datasheet

PU Moulded AT10 -1400 Steel

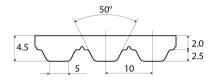


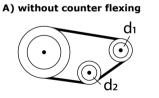
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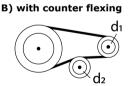
General information							
Productgroup	Timing belts, PU Moulded						
Industry segment	General industry;	General industry; Container & packaging; Wood: Panel board					
Main product feature	Positive drive, No	Positive drive, Non-marking, Wear resistant					
Belt construction							
Tension member		steel					
Material	body	Polyurethar	ne				
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			AT10			
	pitch				mm	0.39	in.
Hardness body material	ISO 868				Shore		
Belt thickness					mm	0.18	
Belt weight					kg/m²	1.29	lbs/ft²
Coefficient of friction	tooth side to steel		dynamic	0,5		22 / 170	05
Operating temperature	continuous A) without counter flexing		from / to number of teeth, t1	-30 / 80 15		-22 / 176	°F
Minimum pulley diameter	A) without counte	er nexing	d1		mm	1.81	in
			d1 d2		mm	1.81	
	B) with counter fl	exina	number of teeth, t1	25		1.97	
	b) with counter in	exing	d1	77.73		3.06	in.
			d1 d2		mm	4.72	
Belt width	maximum				mm	15.75	
Belt length				1400	mm	55.12	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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