Technical datasheet

PU Moulded AT5 -480 Steel

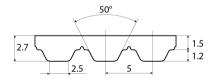


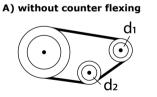
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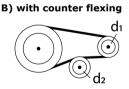
General information							
Productgroup	Timing belts, PU Moulded						
Industry segment	General industry; Container & packaging; Paper & print						
Main product feature	Positive drive, Non-marking, Wear resistant						
Belt construction							
Tension member		steel					
Material	body	body Polyurethane					
Surface	tooth side	Polyuretha	ne				
	back side	Polyuretha	ne				
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	no						
Oil & Fat resistance	yes						
Technical data							
Tooth	profile			AT5			
	pitch				mm	0.2	in.
Hardness body material	ISO 868				Shore		
Belt thickness					mm	0.11	
Belt weight	to the side to should				kg/m²	0.7	lbs/ft²
Coefficient of friction	tooth side to steel continuous		dynamic from / to	0,5 -30 / 80		-22 / 176	0F
Operating temperature Minimum pulley diameter	A) without counter flexing		number of teeth, t1	-30 / 80	-C	-22 / 170	- 6
	A) without counter	nexing	d1	22.64	mm	0.89	in
			d1 d2		mm	1.18	
	B) with counter fle	xina	number of teeth, t1	25		1.10	
	,	5	d1	38.56	mm	1.52	in.
			d2	60	mm	2.36	in.
Belt width	maximum			300	mm	11.81	in.
Belt length				480	mm	18.9	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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