Technical datasheet

PU Moulded T10 -1200 Steel

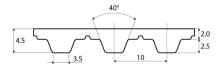


Article code: TBUM000405

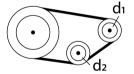
General information						
Productgroup	Timing belts, PU Moulded					
Industry segment	General industry; Container & packaging; Wood: Panel board					
Main product feature	Positive drive, No	Positive drive, Non-marking, Wear resistant				
Belt construction						
Tension member		steel				
Material	body	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			10 mm	0.39 in.	
Hardness body material	ISO 868			85A Shore		
Belt thickness				4.5 mm	0.18 in.	
Coefficient of friction	tooth side to steel		dynamic	0,5	14 / 170 05	
Operating temperature Minimum pulley diameter	continuous A) without counter flexing		from / to number of teeth, t1	-10 / 80 °C 12	14 / 176 °F	
Finimum puney diameter	A) Without count	er nexing	d1	36.35 mm	1.43 in.	
			d1 d2	60 mm	2.36 in.	
	B) with counter flexing		number of teeth, t1	20	2150 111	
	-,		d1	61.81 mm	2.43 in.	
			d2	60 mm	2.36 in.	
Belt width	maximum			400 mm	15.75 in.	
Belt length				1200 mm	47.24 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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