Technical datasheet

PU Moulded T5 -590 Steel

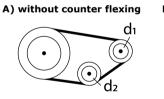


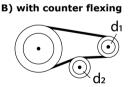
Article code: TBUM000074

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 Polyurethane					
Surface						
Sundle						
	back side	Polyurethar	16			
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	no					
Oil & Fat resistance	yes					
Technical data						
Tooth	profile			Т5		
	pitch			5 m	nm 0.2	in.
Hardness body material	ISO 868			85A S	hore	
Belt thickness				2.2 m	nm 0.09	in.
Belt weight				2.4 k	g/m² 0.49	lbs/ft ²
Coefficient of friction	tooth side to steel		dynamic	0,5		
Operating temperature	continuous		from / to	-30 / 80 °	C -22 / 176	°F
Minimum pulley diameter	A) without counter flexing		number of teeth, t1	10		
			d1	15.05 m		in.
			d2	30 m	nm 1.18	in.
	B) with counter flexing		number of teeth, t1	15		
			d1	23.05 m		
			d2	30 m	nm 1.18	in.
Belt width	maximum			300 m	nm 11.81	in.
Belt length				590 m	nm 23.23	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.

1.0

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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