Technical datasheet

PU Moulded T5 -440 Steel

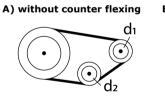


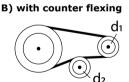
Article code: TBUM000060

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	tooth side Polyurethan		ne				
	back side Polyurethan		ne				
a							
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	no						
Oil & Fat resistance	yes						
Technical data							
Tooth	profile			Т5			
	pitch			5	mm	0.2	in.
Hardness body material	ISO 868			85A	Shore		
Belt thickness				2.2	mm	0.09	in.
Belt weight				2.4	kg/m²	0.49	lbs/ft²
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		0.59	in.
			d2		mm	1.18	in.
	B) with counter f	exing	number of teeth, t1	15			
			d1	23.05		0.91	
			d2		mm	1.18	
Belt width	maximum				mm	11.81	
Belt length				440	mm	17.32	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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