Technical datasheet

PU moulded 880 MXL Steel

Ammeraal Beltech

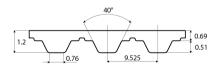
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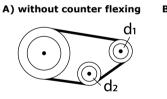
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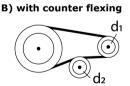
General information								
Productgroup	Timing belts, PU	Timing belts, PU Moulded						
Industry segment	General industry;	General industry; Wood; Building materials: Stone & ceramics, Bricks & tiles						
Main product feature	Positive drive, No	Positive drive, Non-marking, Wear resistant						
Belt 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			MXL				
	pitch			2.032	mm	0.08	in.	
Hardness body material	ISO 868			85A	Shore			
Belt thickness					mm	0.05		
Belt weight					kg/m²	0.25	lbs/ft ²	
Coefficient of friction	tooth side to steel		dynamic	0,5				
Operating temperature	continuous		from / to	-30 / 80		-22 / 176	°F	
Minimum pulley diameter	A) without counter flexing		number of teeth, t1	15		0.00		
			d1	9.19		0.36		
	D) with someton f	la viza a	d2		mm	0.59	in.	
	B) with counter f	lexing	number of teeth, t1 d1	18 11.13		0.44	in	
			d1 d2		mm	0.44		
Belt width	maximum		üΖ		mm	11.81		
	maximum			500		11.01		

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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