Technical datasheet

PU moulded 480 MXL Steel

Ammeraal Beltech

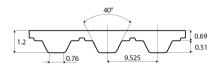
Innovation & Service in Be

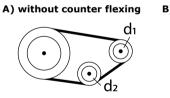
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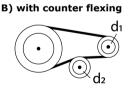
General information								
Productgroup	Timing belts, PU Moulded							
Industry segment	General industry; Wood; Building materials: Stone & ceramics, Bricks & tiles							
Main product feature	Positive drive, No	Positive drive, Non-marking, Wear resistant						
Belt construction								
Tension member	steel							
Material	body	body Polyurethane						
Surface	tooth side	Polyurethan	e					
	back side	Polyurethan	e					
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	no							
Oil & Fat resistance	yes							
Technical data								
Tooth	profile			MXL				
	pitch			2.032		0.08	in.	
Hardness body material	ISO 868				Shore			
Belt thickness					mm	0.05		
Belt weight					kg/m²	0.25	lbs/ft²	
Coefficient of friction	tooth side to steel		dynamic	0,5	00	22 / 170	05	
Operating temperature	continuous A) without counter flexing		from / to	-30 / 80 15	٥	-22 / 176	°Г	
Minimum pulley diameter	A) without count	er nexing	number of teeth, t1 d1	9.19	mm	0.36	in	
			d1 d2		mm	0.30		
	B) with counter f	levina	number of teeth, t1	13		0.55		
	b) with counter i	lexing	d1	11.13	mm	0.44	in.	
			d1 d2		mm	0.59		
Belt width	maximum			240		9.45		
Belt length				121.9	mm	4.8	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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