Technical datasheet

PU Moulded AT10 -610 Steel

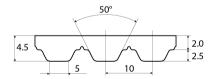


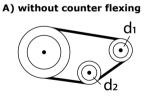
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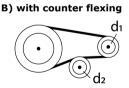
Timing belts, PU	Timing belts, PU Moulded					
General industry;	General industry; Container & packaging; Wood: Panel board					
Positive drive, No	Positive drive, Non-marking, Wear resistant					
	steel					
body	body Polyurethane					
tooth side	Polyurethar	ne				
back side	Polyurethar	ne				
no						
no						
yes						
profile			AT10			
pitch			10	mm	0.39	in.
ISO 868			85A	Shore		
					0.18	
					1.29	lbs/ft ²
		,				
					-22 / 176	°F
A) without counte	er flexing					
					1.97	ın.
B) with counter fi	exing				2.00	•
maximum		d2				
maximum						
	General industry; Positive drive, No body tooth side back side no no yes profile pitch ISO 868 tooth side to stee continuous A) without counte	General industry; Container & par Positive drive, Non-marking, Wea body Polyurethar tooth side Polyurethar back side Polyurethar back side Polyurethar polyurethar yes profile pitch ISO 868 body Polyurethar Poly	General industry; Container & packaging; Wood: Panel board Positive drive, Non-marking, Wear resistant body Polyurethane body Polyurethane tooth side Polyurethane back side Polyurethane back side Polyurethane no no yes	General industry; Container & packaging; Wood: Panel board Positive drive, Non-marking, Wear resistant body Polyurethane body Polyurethane body Polyurethane back side Polyurethane back side Polyurethane no no no no profile AT10 pitch 100 jitch 4.5 iooth side to steel dynamic ototh side to steel dynamic iooth side to steel dynamic A) without counter flexing number of teeth, t1 15 B) with counter flexing number of teeth, t1 25 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	General industry; Container & packaging; Wood: Panel board Positive drive, Non-marking, Wear resistant body Polyurethane tooth side Polyurethane back side Polyurethane back side Polyurethane back side Polyurethane yes No no No no No profile AT10 profile 10 mm jetch 10 mm ISO 868 4.5 mm Gonthiste to steel dynamic ooth side to steel dynamic continuous from / to -30 / 80 °C -30 / 80 °C A) without counter flexing number of teeth, t1 B) with counter flexing number of teeth, t1 maximum 400 mm	General industry; Container & packaging; Wood: Panel board Positive drive, Non-marking, Wear resistant body Polyurethane tooth side Polyurethane back side Polyurethane back side Polyurethane no no no no yes Polyurethane for no no profile AT10 pitch 10 mm 0.39 ISO 868 85A Shore continuous from / to 6.3 kg/m² 1.29 tooth side to steel dynamic 0,5 - continuous from / to -30 / 80 °C -22 / 176 A) without counter flexing number of teeth, t1 15 - B) with counter flexing number of teeth, t1 25 - ad1 77.73 mm 3.06 - - ad2 120 mm 4.72 - -

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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