Technical datasheet

PU Moulded AT10 -1230 Steel

Ammeraal Beltech

Article code: TBUM000231

General information							
Productgroup	Timing belts, PU Moulded						
Industry segment	General industry; Container & packaging; Wood: Panel board						
Main product feature	Positive drive, Non-marking, Wear resistant						
Belt construction							
Tension member		steel					
Material	body Polyurethane						
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			AT10			
	pitch				mm	0.39	in.
Hardness body material	ISO 868				Shore		
Belt thickness					mm	0.18	
Belt weight			d		kg/m²	1.29	lbs/ft²
Coefficient of friction	tooth side to steel		dynamic	0,5 -30 / 80		-22 / 176	0
Operating temperature Minimum pulley diameter	continuous A) without counter flexing		from / to number of teeth, t1	-30 / 80	Ĵ	-22/1/6	°F
Minimum pulley diameter	A) without counte	er nexing	d1	45.9	mm	1.81	in
			d1 d2		mm	1.01	
	B) with counter fl	exina	number of teeth, t1	25		1.57	
	_,		d1	77.73		3.06	in.
			d2		mm	4.72	
Belt width	maximum			300	mm	11.81	in.
Belt length				1230	mm	48.43	in.

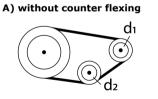
Reference images

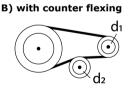
Side view

4.5

50°

5





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.

2.0

25

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

10

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

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.