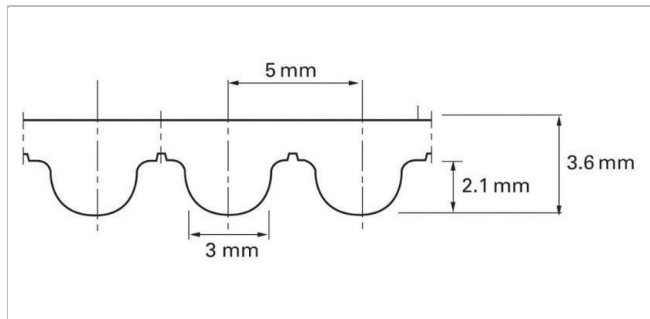
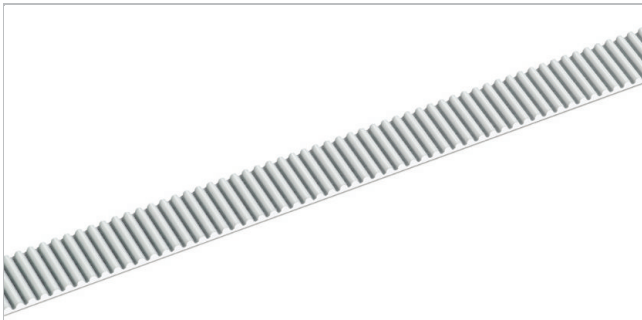


HabaSYNC Open-end Timing Belts 5M-A



Description

Metric, HTD shape, Curvilinear, 5 mm pitch, Aramid cord



Sketch of basic shape

Product Construction / Design										
Material Type		Color	Hardness	Temperature range				Food grade ¹	Characteristic	
			ShA	°C	°F	°C	°F			
01		White	92	-20	-4	80	176	No	TPU - polyester	

Standard belt options - Conveying side

Unprocessed (U), Green polyamide fabric (P)

Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P)

Technical data									
Belt slitting width, nominal		Admissible tensile force, open belt		Admissible tensile force, joined belt		Tensile force for 1% elongation		Mass of belt (belt weight)	
mm	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
25.0	0.98	1920	432	960	216	3225	725	0.11	0.08

Maximum belt width (150 mm / 6 inch).

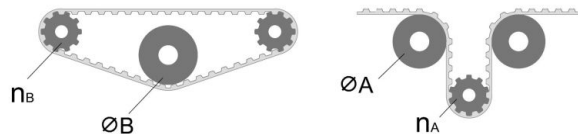
Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

The ultimate tensile strength (or breaking strength) for the widest slitting width mentioned above is 14576 N.

The admissible tensile force always corresponds with a belt elongation of 0.6%. Joined belts are calculated with half admissible force. Please contact Habasit for detailed information and calculations.

[Link to JDS:](#)

Technical data					
ØB		n _B	ØA		n _A
mm	inch		mm	inch	
25	0.98	15	60	2.36	25



All data are approximate values under **standard climatic conditions**: 23 °C / 73 °F, 50% relative humidity (DIN 50005 / ISO 554), and are based on the Master Joining Method.

Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

Disclaimer

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Product Data Sheet (Released) 19.11.2024

HabaSYNC Open-end Timing Belts

5M-A



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