Power Transmission Belts TC-20/25EF



Main industry segments

Yarn processing

Applications

Driving belt, Live roller drive belt, Tangential belt

Special features

Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Energy saving, High modulus of elasticity, Simple and fast joining method

Product Construction / Design Pulley side material Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side) Pulley side surface Rough structure Pulley side color Black Traction layer (material) Polyester (PET) Number of Fabrics 1 Opposite side material Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side) Opposite side surface Fine structure Opposite side color Light green Product characteristics			
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Seamless manufacturing width 1100 mm 43.31 inch	Max. operating temperature admissible (continuous)	70 °C 158 °F	
	Seamless manufacturing width	1100 mm <i>43.31 inch</i>	

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Product Data Sheet (Released) 28.11.2024



Joining related properties

Link to JDS:		
Joining method		Flexproof 10 x 120
Pulley diameter (minimum)	mm inch	50 <i>1.97</i>
Pulley diameter minimum with counter flection	mm inch	50 1.97

Chemical resistance

Link to 'Chemical resistance information': https://rims.habasit.com

Mode of use or conveyance

Power transmission

Calculations

With power transmission belts a calculation at least of the belt width and initial elongation is highly recommended. For this serves the Habasit SeleCalc calculation program. The easiest way is to have belt drives calculated by Habasit representatives.

Recommendation

Follow the Installing and Maintenance Instructions which are supplied with each product delivery

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements: "https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"

Do not force belt on pulleys, Keep belt edges free of any installation/machine contact, This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment

Group Sub-Group Item number Polyester Power Transmission Belts TC Polyester Power Transmission Belts H010101331

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