Technical datasheet

GG E15.20 RFQ

Article code: FBGG054655



General information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Logistics; Textile
Main product feature	Abrasion resistant, High grip
Application	Roller drives, Yarn spinning, Twisting
Indication of use	Bi-directional

Belt construction		
Tension member		Polyester fabric
Top side	material	XNBR elastomer
	finish	Fine
	color	blue
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	grey

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		2.05	mm	0.08	in.
Weight	ISO 290703-1		2.5	kg/m²	0.51	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	15	N/mm	85.65	lbs/in.
	ISO 527	static	23	N/mm	131.33	lbs/in.
Recommended elongation *		from / to	0.5 / 1.5	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,5			
Minimum pulley diameter	flexing		25	mm	0.98	in.
	back flexing		25	mm	0.98	in.
Operating temperature		from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		570	mm	22.44	in.

Fabrication		
Recommended splice method	QuickSplice110	
Alternative splice method	QuickSplice50	

Additional Information

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 instructions regarding joining, storage & maintenance, tracking & tensioning.

 $Consult \ our \ specialists \ for \ calculations \ with \ our \ E-RappCalc @ \ technical \ calculation \ program.$

* NOTE: 50 mm fingers only possible, if not used in tangential and rollerdrive application.

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