Technical datasheet

GG E22.30 RFQ

Article code: FBGG054666



General information								
Product group	High performance flat be	lts						
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	blue					
Bottom / Pulley side	material	I XNBR elastomer						
	finish	Rough	Rough					
	color	black						
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)								
High conductive (HC)	yes							
	no							
Technical data								
Belt thickness	ISO 2286-3		3	mm	0.12	in.		
Weight	ISO 290703-1		3.1	kg/m²	0.63	lbs/ft ²		
Force at 1% elongation	ISO 21181	dynamic	22	N/mm	125.62	lbs/in		
	ISO 527	static	36	N/mm	205.57	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			mm	2.36	in.		
	back flexing		60	mm	2.36	in.		
Operating temperature		from / to	0 / 60	°C	32 / 140	°F		
Belt width	standard		570	mm	22.44			
Fabrication								
Recommended splice method	QuickSplice110							
Alternative splice method	QuickSplice50							

Fabrication			
QuickSplice110			
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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