Technical datasheet

GG E35.30 RRQ

Article code: FBGG054627



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	Rough
	color	blue
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	black

Characteristics			
Food Grade (FG)	no		
Antistatic (AS)	yes	ISO 284	
High conductive (HC)	no		
	no		

Technical data						
Belt thickness	ISO 2286-3		3	mm	0.12	in.
	tolerance	±	0.2	mm	0.01	in.
Weight	ISO 290703-1		3.4	kg/m²	0.7	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	35	N/mm	199.86	lbs/in.
Recommended elongation		from / to	0.5 / 2	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6	μ		
		top side to steel	0,6	μ		
Minimum pulley diameter	flexing		60	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	in.

Fabrication		
Recommended splice method	QuickSplice110	
	0 0	

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.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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