**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	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		3	mm	0.12	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			
		top side to steel	0,6			
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
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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