

GG E18.30 RFQ

Article code: FBGG054668

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	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	±	0.1 mm	0 in.
Weight	ISO 290703-1		3.1 kg/m ²	0.63 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	18 N/mm	102.78 lbs/in.
Recommended elongation		from / to	0.5 / 1.5 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6 μ	
		top side to steel	0,5 μ	
Minimum pulley diameter	flexing		40 mm	1.57 in.
	back flexing		40 mm	1.57 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.

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