

GG E08.20 RRQ

Article code: FBGG054614

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		2 mm	0.08 in.
Weight	ISO 290703-1		2.2 kg/m ²	0.45 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	8 N/mm	45.68 lbs/in.
	ISO 527	static	13 N/mm	74.23 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		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.