Technical datasheet

UU E22.30 RRQ FG

Article code: FBUU054556

General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Logistics
Main product feature	Low friction surface, Foodgrade
Application	Roller drives
Indication of use	Bi-directional

Belt construction

Tension member		Polyester fabric
Top side	**material**	Polyurethane
	finish	Rough
	color	Royal blue
Bottom / Pulley side	**material**	Polyurethane
	finish	Rough
	color	Royal blue

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	
High conductive (HC)	no	

Technical data

Belt thickness	ISO 2286-3		3	mm	0.12	in.
Weight	ISO 290703-1		3.5	kg/m²	0.72	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	22	N/mm	125.62	lbs/in.
Recommended elongation		min. / max.	0.5 / 1.5	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2			
		top side to steel	0,2			
Minimum pulley diameter	flexing		40	mm	1.57	in.
	back flexing		40	mm	1.57	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		1200	mm	47.24	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.