Technical datasheet

UU A80.45 RRQ

Article code: FBUU054567



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

Belt construction		
Tension member		Aramide fabric
Top side	material	Polyurethane
	finish	Rough
	color	black
Bottom / Pulley side	material	Polyurethane
	finish	Rough
	color	black

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

Technical data						
Belt thickness	ISO 2286-3		4.5	mm	0.18	in.
	tolerance +/-		0.3	mm	0.01	in.
Weight	ISO 290703-1		5.1	kg/m²	1.04	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	80	N/mm	456.81	lbs/in.
	ISO 527	static	88	N/mm	502.49	lbs/in.
Recommended elongation		min. / max.	1 / 0.3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2	μ		
		top side to steel	0,2	μ		
Minimum pulley diameter	flexing		150	mm	5.91	in.
	back flexing		150	mm	5.91	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		570	mm	22.44	in.

Fabrication

Recommended splice method QuickSplice110

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 \circledcirc technical calculation program.

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

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