Technical datasheet

GT S04.25 RC

Article code: FBGT054705

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Abrasion resistant, Shock absorbing
Application	General conveying
Indication of use	High efficient rubber cover

Belt construction

Tension member		Polyamide foil
Top side	**material**	Polyamide fabric
	finish	Fabric textured
	color	Royal blue
Bottom / Pulley side	**material**	XNBR elastomer
	finish	Rough
	color	green

Characteristics

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

Technical data

Belt thickness	DIN EN ISO 2286-3		2.4	mm	0.09	in.
	tolerance	±	0.2	mm	0.01	in.
Weight	ISO 290703-1		3.9	kg/m²	0.8	lbs/ft²
Force at 1% elongation	DIN EN ISO 21181	dynamic	4	N/mm	22.84	lbs/in.
Recommended elongation		min. / max.	2 / 3	%		
Coefficient of friction, dynamic	DIN EN ISO 21182	bottom side to steel	0,6	µ		
		top side to steel	0,15	µ		
Minimum pulley diameter	flexing		40	mm	1.57	in.
	back flexing		40	mm	1.57	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.

Fabrication

WedgeSkive75D-1.5-2.8

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.

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

This item contain the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 „REACH" in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]

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