

# TG S09.40 RC

Article code: FBTG054717

## General information

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

## Belt construction

<b>Tension member</b>		Polyamide foil
<b>Top side</b>	<b>material</b>	TNBR elastomer
	<b>finish</b>	Rough
	<b>color</b>	grey
<b>Bottom / Pulley side</b>	<b>material</b>	Polyamide fabric
	<b>finish</b>	Fabric textured
	<b>color</b>	Royal blue

## Characteristics

<b>Food Grade (FG)</b>	no	
<b>Antistatic (AS)</b>	yes	
<b>High conductive (HC)</b>	no	

## Technical data

<b>Belt thickness</b>	ISO 2286-3		4 mm	0.16 in.
<b>Weight</b>	ISO 290703-1		4.2 kg/m <sup>2</sup>	0.86 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	9 N/mm	51.39 lbs/in.
<b>Recommended elongation</b>		min. / max.	2 / 3 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,15	
		top side to steel	0,6	
<b>Minimum pulley diameter</b>	flexing		60 mm	2.36 in.
	back flexing		60 mm	2.36 in.
<b>Operating temperature</b>	continuous	from / to	0 / 80 °C	32 / 176 °F
<b>Belt width</b>	standard		570 mm	22.44 in.

## Fabrication

<b>Recommended splice method</b>	WedgeSkive75D-2.8+
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## Fabrication

WedgeSkive75D-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.