

**GG S15.30 RRC**



Item code 54748

**General information**

Product group	High performance flat belts
Market segment	Yarn & fabrics
Typical application	Twisting, Yarn spinning
Main features	Abrasion resistant, Shock absorbing
Special characteristics	High efficient cover

**Belt construction**

Friction surface	TNBR elastomer	Coarse structured	Grey
Tension member	Polyamide foil		
Back surface	TNBR elastomer	Coarse structured	Blue

**Characteristics**

Foodgrade (FG)	no
Antistatic (AS) <i>DIN EN ISO 21178</i>	yes, in accordance with ISO 21179
High conductive (HC)	no
ATEX approval	no

**Technical belt data**

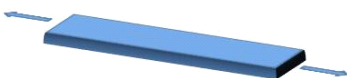
Belt thickness <i>ISO 2286-3</i>	Tolerance +/- 0.2 mm / 0.008 in.	3.00 mm	0.118 in.
Weight <i>DIN 29073-1</i>		3.50 kg/m <sup>2</sup>	0.717 lbs./ft. <sup>2</sup>
Force / Belt factor at 1% elongation <i>ISO 21181</i>	Dynamic after running-in	15.0 N/mm	84.00 lbs./in.
Recommended elongation (min. - max.)		2.0 - 3.0 %	
Coefficient of friction (static, steel) <i>ISO 21182</i>	Friction surface	0.6 -	
	Back surface	0.6 -	
Min. pulley diameter	Flexing/Back flexing	80.0 mm	3.150 in.
Temperature range		0 to 80 °C	32 to 176 °F

**Endless method**

Main splice method	Wedge skived 75°
Alternative splice method	

**Additional information**

The information applies at approx. 20°C / 68°F and 65% relative humidity.  
 Consult our specialists for further information and instructions regarding joining, storage & maintenance, and tracking & tensioning.  
 Consult our specialists for calculations from the RappCalc technical calculation program.  
 Previous article description: GG 15.30 RR



**Tensile force for specific elongation per unit of width (N/mm)**

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.

**GG S18.40 RRC**



Item code 54749

**General information**

Product group	High performance flat belts
Market segment	Yarn & fabrics
Typical application	Twisting, Yarn spinning
Main features	Abrasion resistant, Shock absorbing
Special characteristics	High efficient cover

**Belt construction**

Friction surface	TNBR elastomer	Coarse structured	Grey
Tension member	Polyamide foil		
Back surface	TNBR elastomer	Coarse structured	Blue

**Characteristics**

Foodgrade (FG)	no
Antistatic (AS) <i>DIN EN ISO 21178</i>	yes, in accordance with ISO 21179
High conductive (HC)	no
ATEX approval	no

**Technical belt data**

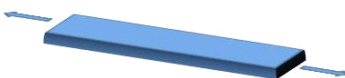
Belt thickness <i>ISO 2286-3</i>	Tolerance +/- 0.2 mm / 0.008 in.	4.00 mm	0.157 in.
Weight <i>DIN 29073-1</i>		4.70 kg/m <sup>2</sup>	0.963 lbs./ft. <sup>2</sup>
Force / Belt factor at 1% elongation <i>ISO 21181</i>	Dynamic after running-in	18.0 N/mm	100.80 lbs./in.
Recommended elongation (min. - max.)		2.0 - 3.0 %	
Coefficient of friction (static, steel) <i>ISO 21182</i>	Friction surface	0.6 -	
	Back surface	0.6 -	
Min. pulley diameter	Flexing/Back flexing	160.0 mm	6.299 in.
Temperature range		0 to 80 °C	32 to 176 °F

**Endless method**

Main splice method	Wedge skived 75°
Alternative splice method	

**Additional information**

The information applies at approx. 20°C / 68°F and 65% relative humidity.  
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 Consult our specialists for calculations from the RappCalc technical calculation program.  
 Previous article description:



**Tensile force for specific elongation per unit of width (N/mm)**

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**GG E35.30 RRQ**



Item code 54627

**General information**

Product group	High performance flat belts
Market segment	Textiles & leather, Airport, logistics & mail, Distribution centres
Typical application	Tangential drive
Main features	Antistatic, High grip, Abrasion resistant
Special characteristics	Rollers

**Belt construction**

Friction surface	XNBR elastomer	Coarse structured	Black
Tension member	New RAPPLON polyester fabric		
Back surface	XNBR elastomer	Coarse structured	Blue

**Characteristics**

Foodgrade (FG)	
Antistatic (AS) <i>DIN EN ISO 21178</i>	yes
High conductive (HC)	no
ATEX approval	

**Technical belt data**

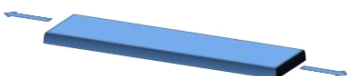
Belt thickness <i>ISO 2286-3</i>	Tolerance +/- 0.2 mm / 0.008 in.	3.00 mm	0.118 in.
Weight <i>DIN 29073-1</i>		3.40 kg/m <sup>2</sup>	0.696 lbs./ft. <sup>2</sup>
Force / Belt factor at 1% elongation <i>ISO 21181</i>	Dynamic after running-in	35.0 N/mm	196.00 lbs./in.
Recommended elongation (min. - max.)		0.5 - 2.0 %	
Coefficient of friction (static, steel) <i>ISO 21182</i>	Friction surface	0.7 -	
	Back surface	0.7 -	
Min. pulley diameter	Flexing/Back flexing	60.0 mm	2.362 in.
Temperature range		0 to 60 °C	32 to 140 °F

**Endless method**

Main splice method	Quick Splice
Alternative splice method	

**Additional information**

The information applies at approx. 20°C / 68°F and 65% relative humidity.  
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 Previous article description:



**Tensile force for specific elongation per unit of width (N/mm)**

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