Technical datasheet

## PHB F 160/2 LIxBB black FR

Article code: RBPH000010



General information	
Productgroup	Rubber Belts
Industry segment	Logistics: Distribution & warehousing
Main product feature	Flame retardant, High friction
Application	Curved conveying
Indication of use	Slider bed, Rollers, Troughed

Belt construction		
Tension layer		polyester/polyamide
Lateral stability		no, conditionally laterally stiff
Number of plies		2
Top side	material	SBR
	profile	light impression
	color	black
Bottom side	material	impregnated fabric
	color	red

Characteristics		
Antistatic (AS)	no	
Flame-retardant (FR)	yes	ASTM D-378

## **Technical data** top side Hardness ISO 869 58 Shore Elastic modulus (k1% relaxed) ISO 21181 8 N/mm 45.68 lbs/in. **Rated working tension** 159.88 lbs/in. 28 N/mm 2 % Elongation at rated tension Longitudinal tear 667 N 149.95 Lb Finished belt gauge 3.8 mm 0.15 in. 4.6 kg/m<sup>2</sup> Belt weight 0.94 lbs/ft<sup>2</sup> **Coefficient of friction** bottom against steel dynamic 0.2 0.25 static top against steel dynamic > 1.0 static > 1.0 **Operating temperature** continuous from / to -20 / 80 °C -4/176 °F -20 / 90 °C -4/194 °F short from / to Minimum pulley diameter flexing 89 mm 3.5 in. Manufacturing width maximum 1829 mm 72.01 in.

Fabrication	
Corrugated side walls	no
Profiles on top side	no
Profiles on bottom side	yes
Mechanical fasteners	Clipper # 2 HT

## 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.

We recommend to pretension the belt to a level that it does not slip at full belt load.

During the life time of the belt, the pretension should not go below this level.

To maximize the service life of the belt we recommend not to increase the belt tension above this level.

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