Technical datasheet

PHB X 265/3 BBxBB black FR



Article code: RBPH000013

General information

General Information							
Productgroup	Rubber Belts						
Industry segment	Logistics: Distribution & warehousing						
Main product feature	Flame retardant, Low noise						
Application	Belt sorter						
Indication of use	Slider bed, Rollers						
Belt construction							
Fension layer		polyester/p	oolyamide				
Lateral stability	yes, exeptionally laterally stiff						
Number of plies	3						
Top side	material	impregnate	ed fabric				
	color						
Bottom side	material	impregnate	ed fabric				
		black					
Characteristics							
Antistatic (AS)	no						
Flame-retardant (FR)	yes	ASTM D	-378				
Technical data							
	ISO 21181			20	N/mm	114.2	lbs/in.
Elastic modulus (k1% relaxed)	ISO 21181				N/mm N/mm	114.2 262.67	
Elastic modulus (k1% relaxed) Rated working tension	ISO 21181			46			
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension	ISO 21181			46	N/mm %		lbs/in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear	ISO 21181			46 2 1779	N/mm %	262.67	lbs/in. Lb
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge	ISO 21181			46 2 1779 4.6	N/mm % N	262.67 399.94 0.18	lbs/in. Lb in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight	ISO 21181	steel	dynamic	46 2 1779 4.6	N/mm % % N mm	262.67 399.94 0.18	lbs/in Lb in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight		steel	dynamic static	46 2 1779 4.6 5.9	N/mm % % N mm	262.67 399.94 0.18	lbs/in. Lb in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight				46 2 1779 4.6 5.9 0.23	N/mm % % N mm	262.67 399.94 0.18	lbs/in. Lb in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight	bottom against :		static	46 2 1779 4.6 5.9 0.23 0.3	N/mm % % N mm	262.67 399.94 0.18	lbs/in. Lb in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension congitudinal tear Finished belt gauge Belt weight Coefficient of friction	bottom against :		static dynamic	46 2 1779 4.6 5.9 0.23 0.3 0.2	N/mm % N mm kg/m ²	262.67 399.94 0.18	lbs/in Lb in. lbs/ft ²
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension congitudinal tear Finished belt gauge Belt weight Coefficient of friction	bottom against stee		static dynamic static	46 2 1779 4.6 5.9 0.23 0.3 0.2 0.2	N/mm % Mm kg/m ²	262.67 399.94 0.18 1.21	lbs/in. Lb in. lbs/ft ² °F
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction	bottom against stee top against stee continuous		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.3 0.2 0.25 -20 / 80	N/mm % N mm kg/m ²	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194	lbs/in. Lb in. lbs/ft ² °F
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction	bottom against stee top against stee continuous short		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.3 0.2 0.25 -20 / 80 -20 / 90	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194	Lb in. Ibs/ft ² °F °F in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension congitudinal tear Finished belt gauge Belt weight Coefficient of friction	bottom against stee top against stee continuous short flexing		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.23 0.25 -20 / 80 -20 / 90 152.4	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194 6	lbs/in Lb in. lbs/ft ² °F °F in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction Operating temperature Minimum pulley diameter Manufacturing width	bottom against stee top against stee continuous short flexing		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.23 0.25 -20 / 80 -20 / 90 152.4	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194 6	lbs/in Lb in. lbs/ft ² °F °F in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction Operating temperature Minimum pulley diameter Manufacturing width	bottom against stee top against stee continuous short flexing		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.23 0.25 -20 / 80 -20 / 90 152.4	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194 6	lbs/in Lb in. lbs/ft ² °F °F in.
Technical data Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction Operating temperature Minimum pulley diameter Manufacturing width Fabrication Corrugated side walls Profiles on top side	bottom against stee top against stee continuous short flexing maximum		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.23 0.25 -20 / 80 -20 / 90 152.4	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194 6	lbs/in Lb in. lbs/ft ² °F °F in.
Elastic modulus (k1% relaxed) Rated working tension Elongation at rated tension Longitudinal tear Finished belt gauge Belt weight Coefficient of friction Operating temperature Minimum pulley diameter Manufacturing width Fabrication	bottom against stee top against stee continuous short flexing maximum		static dynamic static from / to	46 2 1779 4.6 5.9 0.23 0.23 0.25 -20 / 80 -20 / 90 152.4	N/mm % N mm kg/m ² % C % C	262.67 399.94 0.18 1.21 -4 / 176 -4 / 194 6	lbs/in Lb in. lbs/ft ² °F °F in.

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.

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.