

### Product Data Sheet

# QB120 LRxF-NA black FR



Art. No.: 908133

M 1:2

### Applications

<b>Airport logistics</b>	Tray conveyor
<b>General material handling</b>	Inclined conveying of unit goods / containers; Troughed conveyor belt
<b>Logistics</b>	Acceleration conveyor; Braking conveyor

### Order information

<b>Article number</b>	908133
<b>Suitable for corrugated side walls</b>	No
<b>Belt style</b>	QB = Silent Partner
<b>Standard delivery width</b>	1829 mm / 72.01 in
<b>Longitudinal seam possible</b>	Yes

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#### Construction

<b>Top face material</b>	Polyvinyl chloride, low durometer
<b>Surface pattern</b>	Longitudinal rib
<b>Coating thickness</b>	1.52 mm / 0.06 in
<b>Color</b>	Black
<b>Driving face material</b>	NOVO polyester felt
<b>Surface pattern</b>	Velveteen
<b>Color</b>	Black
<b>Tension member material</b>	2-ply interwoven fabric of polyester spun warp and weft
<b>Number of fabric plies</b>	1

#### Technical data

<b>Total thickness</b>	3.68 mm ± 0.37 0.145 in ± 0.014
<b>Weight</b>	4.39 kg/m <sup>2</sup> ± 0.44 0.9 lbs/ft <sup>2</sup> ± 0.09
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	8.76 N/mm / 50 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.3 %
<b>Recommended Elongation at fitting max.</b>	1.3 %
<b>Rated working tension</b>	21 N/mm / 120 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.45
<b>Permissible operating temperature</b>	-18/82 °C 0/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	45

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#### Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	Yes
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Low noise
Particular surface properties	► Good grip
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

#### Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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#### Fabrication

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS125; Clipper® #1

#### Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical Alligator® fastener, bending	76 mm / 3 in
Mechanical Clipper® fastener, bending	51 mm / 2 in

#### Remarks

► Lower noise at belt return/counter-bending compared to RT/ MRT pattern.	
Chemical resistance	V

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The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations.

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