



Ferrite overband magnets

ROP-F3-I-100-W-G-L-B-B-B-NA

SKU: ROFI100330

Product Features

Description	Ferrite permanent overband magnetic separator
SKU	ROFI100330
Product key	ROP-F3-I-100-W-G-L-B-B-B-NA
Type	3
Suitable for	Inline mounting
Min. Fe-particle size that can be caught	1 mm
Advised max. installation height	280 mm
Cleaning/Fe-particles disposal	Fully automatic with continuous production process
Suitable for belt width	1000 mm
Interface/connection dim's	Lifting eye Ø25 mm (4x)
Material	Stainless steel (covering), Steel (framework), Steel (magnet enclosure)
Surface treatment/finishing	Painted, Grit blasted (covering)
Colour	Dark grey (Black grey): RAL7021 (frame and rollers), Red (Traffic red): RAL3020 (magnet/motor), - (covering)
Max. operating / product temperature	100 °C
Min./max. ambient temperature	-20 to 40 °C
Conveying length	1550 mm
Conveyor (belt) speed	1,7 m/s
Belt type	Rubber, with cleats (EP400/3 4+2mm)
Belt width	1000 mm
Magnetic system	Permanent ferrite magnet

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Magnet dimensions	1090x970x234 mm
Main pole dimensions	570x970x234 mm
Magnet quality	Anisotropic ferrite GSFD-33, Br 4100 gauss (at 20 °C), Tmax. 225 °C
Motor power supply	230/400 V AC; 50 Hz; 2.2 kW
Motor drive	Electro motor with gear box: SEW SA57/ T DRN100LS4
Motor mounting position	M1B-Terminal box position=270 °(T)
Motor rotational speed	In/out: 1450/102 rpm
Motor electrical thermal insulation class	ISO-B (130 °C)
Motor dust/water protection class	IP54
Duty cycle	100%, 24 hours/day
Length	2025 mm
Width	1450 mm
Height	440 mm
Weight	1350 kg

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