



## Ferrite overband magnets

ROP-F4-C-100-W-G-L-B-B-B-NA

SKU: ROFC100340

### Product Features

<b>Description</b>	Ferrite permanent overband magnetic separator
<b>SKU</b>	ROFC100340
<b>Product key</b>	ROP-F4-C-100-W-G-L-B-B-B-NA
<b>Type</b>	4
<b>Suitable for</b>	Cross mounting
<b>Min. Fe-particle size that can be caught</b>	1 mm
<b>Advised max. installation height</b>	320 mm
<b>Cleaning/Fe-particles disposal</b>	Fully automatic with continuous production process
<b>Suitable for belt width</b>	1000 mm
<b>Interface/connection dim's</b>	Lifting eye Ø30 mm (4x)
<b>Material</b>	Stainless steel (covering), Steel (framework), Steel (magnet enclosure)
<b>Surface treatment/finishing</b>	Painted, Grit blasted (covering)
<b>Colour</b>	Dark grey (Black grey): RAL7021 (frame and rollers), Red (Traffic red): RAL3020 (magnet/motor), - (covering)
<b>Max. operating / product temperature</b>	100 °C
<b>Min./max. ambient temperature</b>	-20 to 40 °C
<b>Conveying length</b>	1870 mm
<b>Conveyor (belt) speed</b>	1,5 m/s
<b>Belt type</b>	Rubber, with cleats (EP500/3 6+2mm)
<b>Belt width</b>	800 mm
<b>Magnetic system</b>	Permanent ferrite magnet

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<b>Magnet dimensions</b>	1250x780x313 mm
<b>Main pole dimensions</b>	1090x780x313 mm
<b>Magnet quality</b>	Anisotropic ferrite GSFD-33, Br 4100 gauss (at 20 °C), Tmax. 225 °C
<b>Motor power supply</b>	230/400 V AC; 50 Hz; 2.2 kW
<b>Motor drive</b>	Electro motor with gear box: SEW SA67/T DRN100LS4 (IE3)
<b>Motor mounting position</b>	M1B-Terminal box position=270 °(T)
<b>Motor rotational speed</b>	In/out: 1450/71 rpm
<b>Motor electrical thermal insulation class</b>	ISO-B (130 °C)
<b>Motor dust/water protection class</b>	IP54
<b>Duty cycle</b>	100%, 24 hours/day
<b>Length</b>	2600 mm
<b>Width</b>	1300 mm
<b>Height</b>	585 mm
<b>Weight</b>	1740 kg

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