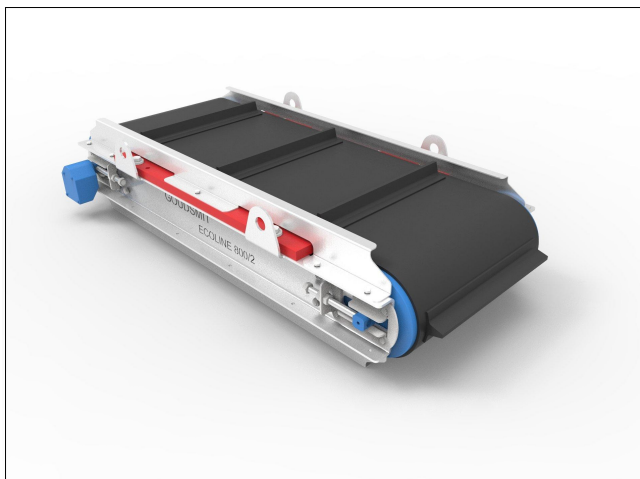




Ferrite overband magnets

ROP-F1-C-080-M-D-L-B-B-B-NA

SKU: SAPB080520

Product Features

Description	Ferrite permanent overband magnetic separator
SKU	SAPB080520
Product key	ROP-F1-C-080-M-D-L-B-B-B-NA
Type	Ecoline
Suitable for	Cross mounting
Min. Fe-particle size that can be caught	1 mm
Advised max. installation height	230 mm
Cleaning/Fe-particles disposal	Fully automatic with continuous production process
Suitable for belt width	800 mm
Interface/connection dim's	Lifting eye Ø35 mm (4x)
Material	Stainless steel (covering), Stainless steel (framework), Steel (magnet enclosure)
Surface treatment/finishing	Painted (rollers/terminal box/magnet), Grit blasted (frame)
Colour	Blue (Capri blue): RAL5019 (rollers/terminal box), Red (Traffic red): RAL3020 (magnet)
Max. operating / product temperature	100 °C
Min./max. ambient temperature	-20 to 40 °C
Conveying length	1200 mm
Conveyor (belt) speed	1,7 m/s
Belt type	Rubber, with cleats (EP400/3 4+2mm)
Belt width	500 mm

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<https://www.goudsmitmagnets.com/solutions/magnetic-recycling-sorting/overband-magnetic-separators/ferrite.html?sku=SAPB080520>

Magnetic system	Permanent ferrite magnet
Magnet dimensions	826x470x208 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; 1.5 kW
Motor drive	Electro drum motor Ø217x595 mm, Van der Graaf TM215B40 420 (Suitable for ATEX zone 22)
Motor mounting position	Terminal box position up
Motor rotational speed	150 rpm
Motor electrical thermal insulation class	ISO-B (130 °C)
Motor dust/water protection class	IP66
Duty cycle	100%, 24 hours/day
Length	1513 mm
Width	735 mm
Height	343 mm
Weight	570 kg

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