



Cascade magnets

SEK-P-0600-3-FN-DC-Ex

SKU: SRKP060035

Product Features

Description	Cascade magnet
SKU	SRKP060035
Product key	SEK-P-0600-3-FN-DC-Ex
Including	Integrated valve box for Fe-parts disposal,Cleaning sequence control unit,Wear plate (first step)
Number of steps	3
Max. particle size	50 mm
Min. Fe-particle size that can be caught	0.5 mm
Cleaning/Fe-particles disposal	Automatic (production suspension required)
Separation flap type	Automatic during cleaning cycle
Build-in length	885 mm
Product inlet/outlet size	600x200 mm
Fe-parts outlet size	600x140 mm
Interface/connection dim's	Flange (666x266) x (600x200) mm - 16xØ10 mm (product in-/outlet),Flange (666x207) x (600x141) mm - 14xØ10 mm (Fe-parts outlet)
Max. capacity	90 m³/h
Materials - in contact with product	AISI304 (SS 1.4301)
Surface treatment/finishing	Painted
Welds	WB: welded shut
Colour	Grey (Platinum grey): RAL7036 (frame/inspection hatch),Red (Traffic red): RAL3020 (magnets),Yellow (Zinc yellow): RAL1018 (safety guards magnets)
Max. operating / product temperature	100 °C

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<https://www.goudsmitmagnets.com/solutions/magnetic-filtering-separating/cascade-magnets.html?sku=SRKP060035>

Min./max. ambient temperature	-5 to 40 °C
Dust/water protection class	IP54
Magnetic system	Permanent plate magnet - extra strong
Magnet dimensions	590x202x83 mm
No of magnets	3
Magnet quality	Anisotropic ferrite GSFD-33, Br 4100 gauss (at 20 °C), Tmax. 225 °C (upper two stages), Neodymium GSN-38, Br 12,600 gauss (at 20 °C), Tmax. 80 °C (lowest stage)
Magnet field strength (flux density) (±10%)	2600 gauss
Solenoid valve electric supply	24 V DC
Pneumatic supply	Max. 6 bar
Control	Signal (minimal 15 sec) from control room
Depth	810 mm
Width	1015 mm
Height	885 mm
Weight	280 kg
ATEX-Marking	3Ex II 1/2D c T130 °C Da/Db: Suitable for dust zone 20 inside; outside for zone 21