



## Cleanflows automatic continuously cleaning - Static

SECC-2424-05S-N-Ex-F1E-L-B-B

SKU: SECC240201

## Product Features

<b>Description</b>	Cleanflow magnet - automatic continuous cleaning - static
<b>SKU</b>	SECC240201
<b>Product key</b>	SECC-2424-05S-N-Ex-F1E-L-B-B
<b>Max. particle size</b>	10 mm
<b>Min. Fe-particle size that can be caught</b>	30 µm
<b>Cleaning/Fe-particles disposal</b>	Fully automatic with continuous production process
<b>Build-in length</b>	250 mm
<b>Product inlet/outlet size</b>	#240 mm
<b>Fe-parts outlet size</b>	#120 mm
<b>Interface/connection dim's</b>	Square flange - 12xM8 (product in-/outlet), Flange #160x#120 mm - 8xM8 (Fe-parts outlet)
<b>Connections</b>	Pneumatic: for 6 mm hose, Electrical: to connection box
<b>Max. capacity</b>	30 m³/h
<b>Materials - in contact with product</b>	AISI304 (SS 1.4301)
<b>Material housing</b>	AISI304 (SS 1.4301), PC (Polycarbonate) (hatch)
<b>Material gaskets/seals</b>	PA6G (Polyamide), natural, 'Food Safe' acc. EC 1935/2004
<b>Surface treatment/finishing</b>	S1: Grit blasted, Ra 3 µm (interior/exterior)
<b>Welds</b>	WE: product chute: completely welded - outside the product chute: intermittently welded
<b>Max. operating / product temperature</b>	60 °C (40 °C in ATEX environment)
<b>Min./max. ambient temperature</b>	-5 to 40 °C

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<https://www.goudsmitmagnets.com/solutions/magnetic-filtering-separating/cleanflow-grid-magnets/automatic-continuous-static.html?sku=SECC240201>

<b>Dust/water protection class</b>	IP41
<b>Magnetic system</b>	Magnetic bar in tube
<b>Magnetic bar size</b>	Tube Ø34 mm
<b>No of bars</b>	5 (2+3)
<b>Magnet quality</b>	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C
<b>Field strength (flux density) on tube (±10%)</b>	9400 gauss
<b>Control unit power supply</b>	230 V AC; 50 Hz
<b>Pneumatic supply</b>	4 - 6 bar
<b>Control</b>	PLC Siemens LOGO! logic Module (included)
<b>Length</b>	1190 mm
<b>Width</b>	466 mm
<b>Height</b>	378 mm
<b>Weight</b>	100 kg
<b>ATEX-Marking</b>	5Ex II 1/2 D h T130 Da/Db: Suitable for dust zone 20 inside; outside for zone 21

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