



Cleanflows automatic continuously  
cleaning - Static

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

Article number: SECC240201

## Product Features

<b>Description</b>	Cleanflow magnet - automatic continuous cleaning - static
<b>Article number</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>Magnetic separating efficiency indication</b>	Fe: 100 %, AISI304: 80 %, AISI316: 45 %
<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
<b>ATEX</b>	Ex II 1/2 D h T130 Da/Db: Suitable for dust zone 20 inside; outside for zone 21
<b>Dust/water protection class</b>	IP41
<b>Magnetic system</b>	Magnetic bar in tube
<b>Magnetic bar size</b>	Tube Ø34 mm

No of bars	5 (2+3)
Magnet quality	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C
Field strength (flux density) on tube (±10%)	9400 gauss
Control unit power supply	230 V AC; 50/60 Hz
Pneumatic supply	4 - 6 bar
Control	PLC Siemens LOGO! logic Module (included)
Length	1190 mm
Width	466 mm
Height	378 mm
Weight	100 kg