



## Cleanflows automatic discontinuously cleaning - Static

SECA-4040-04V-ES-F1H-B-P-ST-B

SKU: E0106728

## Product Features

<b>Description</b>	Cleanflow magnet - automatic discontinuously cleaning - static
<b>SKU</b>	E0106728
<b>Product key</b>	SECA-4040-04V-ES-F1H-B-P-ST-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>	Automatic (production suspension required), Fe parts disposal: via disposal channel or collection in collecting tray
<b>Build-in length</b>	145 mm
<b>Product inlet/outlet size</b>	#400 mm
<b>Fe-parts outlet size</b>	#120 mm
<b>Interface/connection dim's</b>	Square flange - 24xM8 (product in-/outlet), Square flange - 8xM6 (Fe-parts outlet)
<b>Connections</b>	Pneumatic: for 6 mm hose, Electrical: to solenoid valve, Electrical: to proximity sensors for magnet (bar) detection (3x24 V)
<b>Max. capacity</b>	110 m³/h
<b>Materials - in contact with product</b>	AISI304 (SS 1.4301), AISI316L (SS 1.4404)
<b>Material housing</b>	AISI316L (SS 1.4404)
<b>Material gaskets/seals</b>	Silicone VMQ, 60° Shore, transparent, 'Food safe' acc. EC 1935/2004 and FDA (housing), Silicone VMQ, 70° Shore, red, 'Food Safe' (magnetic bars)
<b>Surface treatment/finishing</b>	S1: Grit blasted, Ra 3 µm (interior/exterior)
<b>Welds</b>	WM: all welds: completely welded

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<https://www.goudsmitmagnets.com/solutions/magnetic-filtering-separating/cleanflow-grid-magnets/automatic-discontinuous-static.html?sku=E0106728>

<b>Max. operating / product temperature</b>	60 °C (40 °C in ATEX environment)
<b>Min./max. ambient temperature</b>	-5 to 40 °C
<b>Magnetic system</b>	Magnetic bar in tube
<b>Magnetic bar size</b>	Tube Ø52.4 mm (wall thickness 1.2 mm)
<b>No of bars</b>	4
<b>Magnet quality</b>	Neodymium GSN-52, Br 14,800 gauss (at 20 °C), Tmax. 80 °C
<b>Field strength (flux density) on tube (±10%)</b>	12000 gauss
<b>Solenoid valve electric supply</b>	2x24 V DC
<b>Pneumatic supply</b>	4 - 6 bar
<b>Control</b>	Electrical/pneumatic
<b>Length</b>	1530 mm
<b>Width</b>	742 mm
<b>Height</b>	638 mm
<b>Weight</b>	130 kg
<b>Possible options</b>	Removable collecting tray
<b>ATEX-marking</b>	Free of own ignition sources: internally suitable for application in ATEX dust zones 20, 21 and 22 - outside suitable for application in ATEX dust zone 22. Special conditions apply.

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