



## Cleanflows automatic discontinuously cleaning - Static

SECA-2020-02V-ES-F1M-B-P-ST-B-

Article number: E0106174

## Product Features

<b>Description</b>	Cleanflow magnet - automatic discontinuously cleaning - static
<b>Article number</b>	E0106174
<b>Product key</b>	SECA-2020-02V-ES-F1M-B-P-ST-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: 98 %,AISI304: 70 %,AISI316: 35 %,(version with deflector: Fe: 100%, AISI304: 94%, AISI316: 60%, Diagram: see Downloads tab)
<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>	#200 mm
<b>Fe-parts outlet size</b>	#120 mm
<b>Interface/connection dim's</b>	Square flange - 12xM8 (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>	30 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
<b>Max. operating / product temperature</b>	60 °C
<b>Min./max. ambient temperature</b>	-5 to 40 °C
<b>ATEX</b>	Ex II 1/3 D T130 °C: Suitable for dust zone 20 inside; outside for zone 22
<b>Magnetic system</b>	Magnetic bar in tube

Magnetic bar size	Tube Ø52.4 mm (wall thickness 1.2 mm)
No of bars	2
Magnet quality	Neodymium GSN-52, Br 14,800 gauss (at 20 °C), Tmax. 80 °C
Field strength (flux density) on tube (±10%)	12000 gauss
Solenoid valve electric supply	2x24 V DC
Pneumatic supply	4 - 6 bar
Control	Electrical/pneumatic
Length	930 mm
Width	542 mm
Height	493 mm
Weight	65 kg