



Cleanflows automatic discontinuously cleaning - Static

SECA-3030-03V-ES-F1M-B-P-ST-B-

Article number: E0104918

Product Features

Description	Cleanflow magnet - automatic discontinuously cleaning - static
Article number	E0104918
Product key	SECA-3030-03V-ES-F1M-B-P-ST-B-
Max. particle size	10 mm
Min. Fe-particle size that can be caught	30 µm
Magnetic separating efficiency indication	Fe: 98 %,AISI304: 70 %,AISI316: 35 %,(version with deflector: Fe: 100%, AISI304: 94%, AISI316: 60%, Diagram: see Downloads tab)
Cleaning/Fe-particles disposal	Automatic (production suspension required),Fe parts disposal: via disposal channel or collection in collecting tray
Build-in length	145 mm
Product inlet/outlet size	#300 mm
Fe-parts outlet size	#120 mm
Interface/connection dim's	Square flange - 20xM8 (product in-/outlet),Square flange - 8xM6 (Fe-parts outlet)
Connections	Pneumatic: for 6 mm hose,Electrical: to solenoid valve,Electrical: to proximity sensors for magnet (bar) detection (3x24 V)
Max. capacity	65 m³/h
Materials - in contact with product	AISI304 (SS 1.4301),AISI316L (SS 1.4404)
Material housing	AISI316L (SS 1.4404)
Material gaskets/seals	Silicone VMQ, 60° Shore, transparent, 'Food safe' acc. EC 1935/2004 and FDA (housing),Silicone VMQ, 70° Shore, red, 'Food Safe' (magnetic bars)
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm (interior/exterior)
Welds	WM: all welds: completely welded
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-5 to 40 °C
ATEX	Ex II 1/3 D T130 °C: Suitable for dust zone 20 inside; outside for zone 22
Magnetic system	Magnetic bar in tube

Magnetic bar size	Tube Ø52.4 mm (wall thickness 1.2 mm)
No of bars	3
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	1230 mm
Width	642 mm
Height	565 mm
Weight	100 kg