



Pressure-tight Cleanflows manual cleaning - Static

SECF-P-1818-07E-N-F1m-W-B-B

SKU: SECFP18030

Product Features

Description	Cleanflow magnet - pressure tight - manual cleaning - static
SKU	SECFP18030
Product key	SECF-P-1818-07E-N-F1m-W-B-B
In-/outlet shape	Square
Max. particle size	10 mm
Min. Fe-particle size that can be caught	30 µm
Cleaning/Fe-particles disposal	Manual quick cleaning by means of extractor tubes
Build-in length	160 mm
Product inlet/outlet size	#180 mm
Interface/connection dim's	Flange #220x#180 mm - 8xM6 (ready for Jacob system 'spouts from square to round' DN150)
Capacity	7 to 18 m³/h
Materials - in contact with product	AISI316 (SS 1.4401), AISI316L (SS 1.4404)
Material housing	AISI316 (SS 1.4401), AISI316L (SS 1.4404), Bakelite (knob)
Magnetic bar joint	Extractor tubes not brazed in plate (welded only)
Material gaskets/seals	Silicone VMQ, 40° Shore, red, 'Food Safe' acc. EC 1935/2004 and FDA
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm (interior/exterior)
Welds	Wm: product chute: completely welded - outside the product chute: completely welded where possible
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-20 to 60 °C

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Operating pressure		Max. 1.5 bar
Magnetic system		Magnetic bar in extractor tube
Magnetic bar size		Tube Ø25 mm; bar Ø23 mm
No of bars		7 (3+4)
Magnet quality		Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C
Field strength (flux density) on magnetic bar (±10%)		10700 gauss
Field strength (flux density) on extractor tube (±10%)		8000 (average value - see Documents tab for explanation) gauss
Depth		266 mm
Width		308 mm
Height		160 mm
Weight		13 kg
ATEX-Marking		2Free of own ignition sources: suitable for application in ATEX dust zones 20, 21 and 22. Special conditions apply.

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