



Magnetic filters, industrial, double-walled

SFND-100-IF-07E-HT-F1m-S-B-B

SKU: SSFD010038

Product Features

Description	Neoflux® quick-cleaning magnetic filter with double-walled housing
SKU	SSFD010038
Product key	SFND-100-IF-07E-HT-F1m-S-B-B
Max. particle size	16 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	360 mm
Interface/connection dim's	DN100 acc. EN 1092-1 PN16
Connections	G ½" BSP socket connector opening for warm water (3x)
Materials - in contact with product	AISI316L (SS 1.4404)
Material housing	AISI316L (SS 1.4404)
Version housing	Double walled
Magnetic bar joint	Extractor tubes not brazed in plate (welded only)
Material gaskets/seals	Silicone VMQ O-ring, 70° 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	140 °C
Min./max. ambient temperature	-20 to 60 °C
Operating pressure	Max. 10 bar

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Test pressure		15 bar
Magnetic system		Magnetic bar in extractor tube
Magnetic bar size		Tube Ø25 mm; bar Ø23 mm
No of bars		7
Magnet quality	Neodymium GSN-42SH, Br 13,300 gauss (at 20 °C), Tmax. 150 °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	
Length		360 mm
Width		293 mm
Height		250 mm
Weight		34 kg

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