



Magnetic filters, industrial

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

SKU: SSFN010038

Product Features

Description	Neoflux® quick-cleaning magnetic filter
SKU	SSFN010038
Product key	SFN-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	300 mm
Interface/connection dim's	DN100 acc. EN 1092-1 PN16
Materials - in contact with product	AISI316L (SS 1.4404)
Material housing	AISI304 (SS 1.4301), AISI316L (SS 1.4404)
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	-10 to 40 °C
Operating pressure	Max. 10 bar
Test pressure	15 bar
Magnetic system	Magnetic bar in extractor tube

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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	300 mm
Width	246 mm
Height	265 mm
Weight	23 kg

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