



Magnetic grids/grates - Round - 100 mm

Article number	SEMR010078
Product key	SMR-N-D100x50-02E-S4-S
Delivery time (if not in stock)	4-6 weeks
Shape	Round
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
Interface/connection dim's	Jacob connection DN100
Materials - in contact with product	<ul style="list-style-type: none">• AISI304 (SS 1.4301)• AISI316 (SS 1.4401)
Magnetic bar joint	Extractor tubes vacuum brazed in grid
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm
Welds	WM: all welds: completely welded
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-20 to 60 °C
ATEX-marking	Free of own ignition sources: suitable for application in ATEX dust zones 20, 21 and 22. Special conditions apply.
Dust/water protection class	IP67
Magnetic system	Magnetic bar in extractor tube
Magnetic bar size	Tube Ø25 mm; bar Ø23 mm
No of bars	2
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 gauss (average value - see Documents tab for explanation)
Diameter	115 mm
Height	50 mm

Weight

0,95 kg