



Magnetic grids

SMR-N-D300x50-06E-S4-S

SKU: SEMR030078

Product Features

Description	Magnetic grid
SKU	SEMR030078
Product key	SMR-N-D300x50-06E-S4-S
Shape	Round
Size	300 mm
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 DN300
Materials - in contact with product	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	WE: product chute: completely welded - outside the product chute: intermittently welded
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-20 to 60 °C
Dust/water protection class	IP67
Magnetic system	Magnetic bar in extractor tube
Magnetic bar size	Tube Ø25 mm; bar Ø23 mm
No of bars	6
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
Diameter	315 mm
Height	50 mm
Weight	6.1 kg
ATEX-Marking	2Free of own ignition sources: suitable for application in ATEX dust zones 20, 21 and 22. Special conditions apply.