



Magnetic grids

SMR-N-D350x200-06E-S4-S

SKU: SEMR035078

Product Features

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| Description | Magnetic grid |
| SKU | SEMR035078 |
| Product key | SMR-N-D350x200-06E-S4-S |
| Shape | Round |
| Size | 350 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 DN350 |
| 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 |

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| 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 | 365 mm |
| Height | 200 mm |
| Weight | 9.6 kg |
| ATEX-Marking | 2Free of own ignition sources: suitable for application in ATEX dust zones 20, 21 and 22. Special conditions apply. |