



Cleanflows automatic discontinuously
cleaning - Dust-proof - Static

SECD-4040-14P-N-F1H-V-P-B-E

Article number: SECD400016

Product Features

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| Description | Cleanflow magnet - dust proof - automatic discontinuously cleaning - statisch |
| Article number | SECD400016 |
| Product key | SECD-4040-14P-N-F1H-V-P-B-E |
| Including | Integrated valve box for Fe-parts disposal |
| Max. particle size | 10 mm |
| Min. Fe-particle size that can be caught | 30 µm |
| Magnetic separating efficiency indication | Fe: 100 %, AISI304: 80 % |
| Cleaning/Fe-particles disposal | Automatic (production suspension required), Fe parts disposal: via disposal channel by way of a valve box |
| Build-in length | 924 mm |
| Product inlet/outlet size | #400 mm |
| Fe-parts outlet size | 400x320 mm |
| Interface/connection dim's | Flange #480x#400 mm - 16xØ10 mm (product in-/outlet), Flange (480x400) x (400x320) mm - 14xØ10 mm (Fe-parts outlet) |
| Connections | Pneumatic: for 6 mm hose, Electrical: to solenoid valve |
| Max. capacity | 90 m³/h |
| Materials - in contact with product | AISI304 (SS 1.4301), AISI316L (SS 1.4404) |
| Material housing | AISI304 (SS 1.4301), AISI316L (SS 1.4404) |
| Material gaskets/seals | Silicone VMQ, 60° Shore, transparent, 'Food safe' acc. EC 1935/2004 and FDA, Silicone VMQ, 70° Shore, red, 'Food Safe' (magnetic bars) |
| Welds | WH: product chute: completely welded - outside the product chute: welded shut |
| Max. operating / product temperature | 60 °C (40 °C in ATEX environment) |
| Min./max. ambient temperature | -5 to 40 °C |
| ATEX | Free of own ignition sources: internally suitable for application in ATEX dust zones 20, 21 and 22 - outside suitable for application in ATEX dust zone 22. Special conditions apply. |
| Dust/water protection class | IP65 |

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| Magnetic bar size | Tube Ø25 mm |
| No of bars | 14 (7+7) |
| Field strength (flux density) on tube (±10%) | 11000 gauss |
| Solenoid valve electric supply | 2x24 V DC |
| Control | Pneumatic |
| Integrated valve box | yes |
| Length | 972 mm |
| Width | 678 mm |
| Height | 924 mm |
| Weight | 123 kg |