



Product name : One-level magnetic grate for funnel phi 160 / N

PERFORMANCE PARAMETERS

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|--|---|
| Manufacturer | Enes Magnesy |
| External diameter | 160 [mm] |
| magnetic drums diameter | 25 [mm] |
| magnetic drums diameter 2 | 18 [mm] |
| Height | 41 [mm] |
| Magnet type | Neodymium |
| Maximum magnetic field over the middle poles | 0,54 [T], 5400 [Gs] +/- 5% |
| Flow surface | 98,8 |
| Number of magnetic bars | 3 |
| polarity | circumferential poles |
| Maximum working temperature | ≤ 80 °[C] |
| Housing | stainless steel, AISI 304 / EN 1.4301, approved for contact with food |
| one-level | yes |
| Przesypy | yes |
| for installation in the pipeline | yes |
| for installation in the duct | yes |
| Zasypy | yes |
| work in systems with the flow of purified material | grawitacyjnym, wymuszonym |
| Weight | 800 [g] |

Separation magnetic grates are used for catching magnetically soft elements (iron filings, bolts, etc.) from loose materials (powders, granulated products, grains). They may be of use in food industry (as a version closed in acid-proof steel OH18N9(1.4301)(304) und 1H18N9T(1.4541)(321) housing), as well as in plastics processing, ceramic and many other branches of industry.

Magnetic grate made of acid-proof steel contains a magnetic system assembled with neodymium magnets. It is a surface of the three incorporated into the separator magnetic filter bars: one of 25 mm in diameter (the middle bar) and two of 18 mm in diameter (side bars) which is magnetically active.

On commission we are ready to provide magnetic separators with dimensions chosen by Clients. Magnetic parameters, range of activity and dimensions are adjusted according to Client needs and expectations.

Magnetic field over midpoles on surface of protection tube of the middle magnetic filter bar is min. 0,600 [T] over midpoles on surface of protection tube of side magnetic filter bars is min. 0,480 [T].

In the magnetic grate sintered neodymium magnets were used. Max. working temperature for the magnetic grates with neodymium magnets is approx. **80°C**.

Caution! A careless handling can cause serious injury to hands !

Weight of grate is: ~0,82 [kg]

The item is not waterproof. It should not be used in contact with water (and other water-based liquids) or in high humidity environment.

We make waterproof grates on request - please send us the inquiries.