Product name : One-level magnetic grate for funnel D280 / N

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
External diameter	280 [mm]
magnetic drums diameter	32 [mm]
Height	50 [mm]
Magnet type	Neodymium
Maximum magnetic field over the middle poles	0,75 [T], 7500 [Gs] +/- 5%
Flow surface	304,6
Number of magnetic bars	4
polarity	circumferential poles
Maximum working temperature	≤ 80 °[C]
Housing	stainless steel, AISI 304 / EN 1.4301, approved for contact with food
One-level	yes
for installation in the pipeline	yes
for installation in the duct	yes
Zasypowy	yes
work in systems with the flow of purified material	grawitacyjnym, wymuszonym
Weight	3.8 [kg]

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 (stainless steel, AISI 304 / EN 1.4301, approved for contact with food housing), as well as in plastics processing, ceramic an 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 four incorporated into the separator magnetic filter bars of 32 mm in diameter 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 magnetic filter bar is min. 0,750 [T].

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

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.

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

Weight: ~3,8 [kg]