



Product name : Cleanflow magnet 135x135/200x200/N

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
magnetic drums diameter	32 [mm]
Length	135 [mm]
Width	135 [mm]
Height	200 [mm]
Magnet type	Neodymium
Maximum magnetic field over the middle poles	0,65 [T], 6500 [Gs] +/- 5%
Flow surface	95,8
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
Handling mode	manual use
With an easy cleaning	yes
Weight	9 [kg]

Cleanflow magnets are used for catching magnetically soft elements (iron filings, bolts, etc.) from loose materials (e.g. powders, granulated products, grains etc.). They may be of use in food industry (AISI 304 / EN 1.4301, housing), as well as in plastics processing, ceramic and many other branches of industry.

Built-in 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. Caught magnetically soft elements fall self-moving off after pushing the magnetic grate out of the box and sequentially pushing magnetic active parts out of protection tubes.

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 in the center of surface of pole of the magnetic filter bar is ~0,650 [T].

In the magnetic grate sintered neodymium magnets were used.

Max. working temperature for the magnetic grates with neodymium magnets is approx. **80°C**.

Weight of grate is: ~**9,0 [kg]**



TECHNICAL DRAWING

