



Product name : One-level magnetic drawer 180x180x56/110 / N

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
magnetic drums diameter	32 [mm]
Length	180 [mm]
Width	180 [mm]
Height	56 [mm]
Magnet type	Neodymium
Maximum magnetic field over the middle poles	0,69 [T], 6900 [Gs] +/- 5%
Flow surface	151,2
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	ręczny
one-level	yes
Przesypy	yes
for installation in the pipeline	yes
for installation in the duct	yes
Zasypy	yes
with an easy cleaning	yes
work in systems with the flow of purified material	grawitacyjnym, wymuszonym
Weight	5 [kg]

Separation magnetic drawers 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 (as a version closed in acid-proof steel H18N9(1.4301)(304) and 1H18N9T(1.4541)(321) 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 three 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 drawing 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 $\sim 0,650$ [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: $\sim 5,0$ [kg]