



Product name : One-level magnetic drawer 280/340x150/5w / N

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
magnetic drums diameter	32 [mm]
Length	280 [mm]
Width	280 [mm]
Height	150 [mm]
Magnet type	Neodymium
Maximum magnetic field over the middle poles	0,69 [T], 6900 [Gs] +/- 5%
Flow surface	336
Number of magnetic bars	5
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
Przesypowy	yes
for installation in the pipeline	yes
for installation in the duct	yes
Zasypowy	yes
with an easy cleaning	yes
work in systems with the flow of purified material	grawitacyjnym, wymuszonym
Weight	17.8 [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.) and especially in four-filter bars version from loose materials with a small shoot angle (e.g. flour, soot, 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 five incorporated into the separator magnetic filter bars of 32 mm in diameter which is magnetically active. Caught magnetically soft elements falls self-moving off after pushing the magnetic grate out of the box and sequentially pushing magnetic active parts out of protection tubes (see enclosure).

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: $\sim 17,8$ [kg]