



**Product name : One-level magnetic grate 120x120x32 / N**

## PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
magnetic drums diameter	32 [mm]
Length	120 [mm]
Width	120 [mm]
Height	32 [mm]
Magnet type	Neodymium
Maximum magnetic field over the middle poles	0,75 [T], 7500 [Gs] +/- 5%
Flow surface	63,8
Number of magnetic bars	2
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	1.4 [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 (as a version closed in acid-proof steel OH18N9(1.4301)(304) and 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 two 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. 0,700 [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: ~1,4 [kg]