



Product name : Magnetic drawer with truck 192/252x200x630/ N

PERFORMANCE PARAMETERS

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| Manufacturer | Enes Magnesy |
| magnetic drums diameter | 32 [mm] |
| Length | 192 [mm] |
| Width | 192 [mm] |
| Height | 200 [mm] |
| Magnet type | Neodymium |
| Maximum magnetic field over the middle poles | 0,69 [T], 6900 [Gs] +/- 5% |
| Flow surface | 184,3 |
| 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 |
| two-level | yes |
| Przesypy | yes |
| with the track | 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 | 18.3 [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 five 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 (see enclosure). The truck and rollers fixed to drawer make a movement easier. The total length with truck is 630 mm.

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: $\sim 18,3$ [kg]