Product name : Conical magnetic separator 150 x 280 / 315 / M12 / F

PERFORMANCE PARAMETERS

External diameter	15,7 [mm]
Internal diameter	5 [mm]
Height	15 [mm]
magnetizing direction along dimension	15 [mm] parallel to height
Magnet type	Neodymium
Maximal hoisting capacity	8,5 [kg]
Magnetic field in geometrical center of the magnetic pole surface	0,54 [T]
Coating	Nickel (NiCuNi)
Maximum working temperature	≤ 80 °[C]
Weight	19,6 [g]

Separation magnetic cones serve for catching magnetically soft elements (iron filings, bolts, etc.) from both loose and liquid materials. They are intended for work in silos and pipelines. Moreover, they may be useful in food industry (as a version closed in acid-proof steel housing apart from magnet legs, which are made from mild steel), as well as in plastics processing, ceramic and many other industries.

A magnetic cone made of acid-proof steel contains a magnetic system assembled with neodymium magnets. It is a surface of the three magnet legs incorporated into the cone, found in its bottom, top and central parts, which is magnetically active.

On commission we are ready to provide conical magnetic separators with dimensions chosen by Clients. Magnetic parameters, range of activity and dimensions are adjusted according to Client needs and expectations.

Max. magnetic field in the center of surface of the upper magnetic pole is ~0,850 [T].

Max. magnetic field in the center of surface of the central magnetic poles (max.) is ~1,05 [T].

Max. magnetic field in the center of surface of the lower magnetic pole is ~0,640 [T].

In the magnetic cone sintered neodymium magnets were used. The maximum working temperature for the magnetic cones with neodymium magnets is approx. **80₀[C]**.

Weight of cone is: ~19,5 [kg]