



Product name : Conical magnetic separator 210 x 370 / 405 / M16 / F

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
External diameter	210 [mm]
Length	405 [mm]
overall length together with thread	405 [mm]
Thread type	external
threads quantity	1
Thread length	35 [mm]
Thread size	M16
Magnet type	Ferrite
polarity	circumferential poles
Maximum working temperature	250 °[C]
Housing	stainless steel, AISI 304 / EN 1.4301, approved for contact with food
for installation in the pipeline	yes
for installation in the duct	yes
Range	max. 85 [mm]
work in systems with the flow of purified material	grawitacyjnym, wymuszonym
Weight	49 [kg]

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 ferrite magnets. It is a surface of the four 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.](#)

Magnetic field in the center of surface of the upper magnetic pole is ~0,360 [T].

Magnetic field in the center of surface of the central magnetic poles (max.) is ~0,460 [T].

Magnetic field in the center of surface of the lower magnetic pole is $\sim 0,280$ [T].

In the magnetic cone sintered ferrite magnets were used. The maximum working temperature for the magnetic cones with ferrite magnets is approx. **250°C**.

Weight of cone is: $\sim 49,0$ [kg]