Product name : Plate magnet for iron separation (waterproof) 350x60x40 / N52

PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
Length	350 [mm]
* Magnetic section length	300 [mm]
Width	60 [mm]
Height	40 [mm]
With mounting hole	gwintowanym
Thread type	internal
Thread length	10 [mm]
Thread size	M10
Magnet type	Neodymium
polarity	biegunu naprzemienne
Maximum working temperature	≤ 60 °[C]
Housing	stainless steel, AISI 304 / EN 1.4301, approved for contact with food
water-resistant	yes
Waterproof	class IP67
Zasypowy	yes
hunged	yes
Range	max. 120 [mm]
work in systems with the flow of purified material	grawitacyjnym
Weight	5.5 [kg]

A plate magnet mounted above a belt conveyor is used for catching of undesirable steel or iron elements from transported substances (food industry, processing of plastics, mineral raw materials, recycling, etc.). Mounted at a angle, can also be used as a chute separator. Watertight housing made of acid-proof steel AISI 304 / EN 1.4301 contains a magnetic circuit with neodymium magnets. It is a bottom surface of the plate magnet which is magnetic active. Both ends are equipped with two threaded apertures M10 (spaced 38mm) for mounting.

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 between the magnetic poles (maximum) is ~0,86 [T] = 8600 [Gs].

As an example, range of catching for different caught objects:
balls Ø5-10 - approx.70 mm,
screw caps M5-M10 - approx.80 mm,
flat spanner - approx.100 mm,
iron nails 2''-3,5'' - approx.120mm.

In the plate magnet sintered neodymium magnets were used. The maximal working temperature for the magnetic separators with neodymium magnets is approx. **60°[C]**.

Weigh: ~5,5 [kg]

Caution! A careless handling can cause serious injury to hands !

TECHNICAL DRAWING