



**Product name : Magnetic beam for iron separation (waterproof) 850x60x40 / N**

## PERFORMANCE PARAMETERS

Manufacturer	Enes
Length	850 [mm]
magnetic section length	800 [mm]
Width	60 [mm]
Height	40 [mm]
With mounting hole	gwintowanym
Thread type	internal
Thread size	M10
thread length	10 [mm]
Material	Neodymium
polarity	biegunu naprzemienne
Maximum working temperature	80 °[C]
Housing	stainless steel
water-resistant	yes
Waterproof	yes
Przesypowy	yes
Zasypowy	yes
hunged	yes
Range	max. 120
work in systems with the flow of purified material	grawitacyjnym
Weight	13.4 [kg]

A magnetic beam 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 OH18N9 (1.4301),(304) contains a magnetic circuit with neodymium magnets. It is a bottom surface of the beam which is magnetic active. The beam's both ends are equipped with two threaded apertures M10 (spaced 60 mm) 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  $\sim 0,7$  [T] = 7000 [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 magnetic beam sintered neodymium magnets were used. The maximal working temperature for the magnetic separators with neodymium magnets is approx. **80°C**.

Weigh: ~13,4 [kg]

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



## TECHNICAL DRAWING

