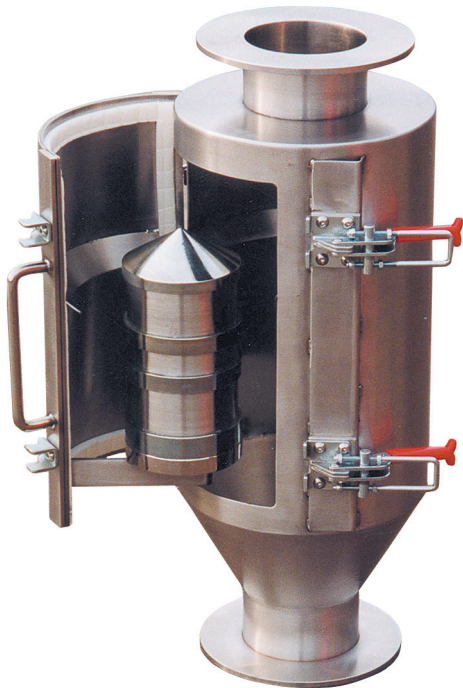


# Bullet Magnet

High Intensity – Rare Earth



Housed Bullet magnets are ideal for the removal of tramp type contamination, for example nuts, bolts, staples etc., from gravity and pneumatically conveyed pipelines.

The unit is designed to prevent tramp iron from damaging expensive process machinery such as blenders, granulators, mixers and screw feed conveyors.

A high intensity magnetic bullet element is centrally mounted within a stainless steel housing. The design ensures that product flow is unaffected by the magnetic element.

The bullet element incorporates high intensity rare earth magnetic material which generates deep penetrating magnetic flux fields which ensure contamination is captured. The angled nose cone assists in maintaining product integrity and full flow during processing.

All dry powders and granular type materials can be processed through the unit. Electrical safety interlocks can be fitted to the magnetic packs to stop the process should they be accidentally opened.

## Cleaning

The Eclipse Magnetics Bullet Magnet is cleaned by hand. Simply release the door securing toggle clamps and open the door to gain access to the bullet element. All attracted contamination can now be removed. It is advisable to wear protective gloves to avoid any injuries from sharp attracted items.

## Suitable Products

Dry powders and granulates, grain and 'lumpy' products.

## Suitable Locations

Inlet / outlet points.

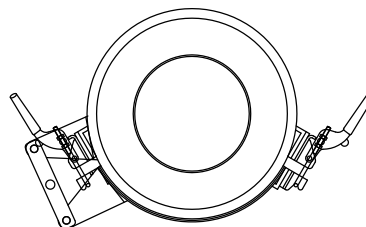
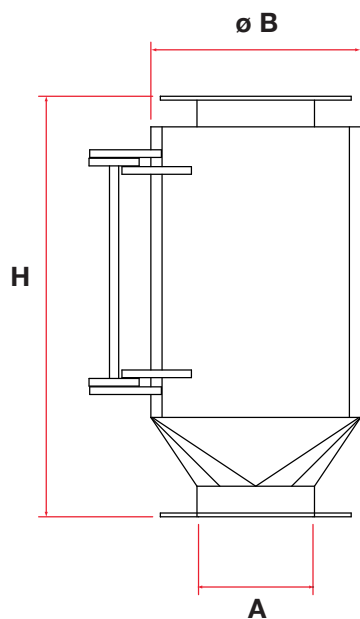
## Benefits

- Easy to inspect
- Maintains full flow
- High collection capacity
- Reduces 'spark' risk
- Removes 'tramp' sized contaminants
- Meet audit requirements
- Rare earth deep magnetic field

## Category

Primary protection - tramp.

# Technical Data



## Product Information

Part Number	Inlet / Outlet A mm	ØDia B mm	Height H mm	Weight kg
HBM075	75	200	490	16
HBM100	100	225	490	22
HBM125	125	250	550	33
HBM150	150	275	550	46
HBM175	175	300	640	60
HBM200	200	325	640	105
HBM250	250	375	710	160
HBM300	300	425	710	210

## Performance

### Magnetic performance

### Performance Reading

### Magnetic material

### Magnet grade

### Temperature

### Pressure

## Materials

### Housing

### Other Parts

### Surface finish

### Sealing

### Toggle Clamps

9,000 Gauss

On magnetic pole surface

Rare earth neodymium iron boron

N35 – Inspected and confirmed via hysteresis prior to use

-20°C / +90°C

+ / - 0.8 Bar

304 grade stainless steel

304 grade stainless steel

Bead blast

Self adhered white foam

Mild steel – bright zinc plated

## Options

- Stainless steel toggle clamps
- High temperature samarium cobalt magnetic material, +250°C
- Sizes up to 500mm Ø
- Metal detectable silicon rubber seal – dark blue, FDA approved
- 316 grade stainless steel
- Flanged to suit
- Safety relay switches
- Ceramic magnetic material

If you have any more questions, require technical assistance or would like a quotation, please contact us.

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.