PIPELINE MAGNET

DESCRIPTION

The Greenwood Permanent Magnetic Pipeline Magnet is designed for the extraction of fine ferrous particles such as rust from fluids conveyed by pressurised pipelines.

Manufactured in 316 stainless steel, the unit is simply connected to the existing pipeline via flanged or threaded ends. Sealed high intensity rare earth magnetic rods filter the flow and extract the unwanted ferrous metal. Simple and easy access is possible using the quick release lid. Manufactured with high intensity rare earth magnets up to 12,000 gauss.

We manufacture 2 main types:
Type A – the “pot” design which helps in circulating the flow around the magnetic rods.
Type B – the “T” design where unimpeded flow is imperative.

Both types are available in standard version – 12,000 gauss and easy-clean version – 9000 gauss. They are also available with double wall water jackets for heated pipelines.

All products are manufactured to order to suit various volumes, pressures, and temperatures. All connections as required. We also manufacture specific designs to accommodate customer requirements such as vertical flow.



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PIPELINE MAGNET

EASY CLEAN PIPELINE MAGNET - TYPE A

The easy-clean version allows the inner magnetic rods to be removed from the outer sleeve for fast and easy contamination removal.



EASY CLEAN PIPELINE MAGNET – TYPE B

“Flat floor T” design for unimpeded flow with added advantage of easy-clean function





1” pipeline with tri clover connections. Polished inside and out to pharmaceutical standards. Supplied to a leading contacts lens manufacturer for saline solution.

Manufactured for a FTSE 100 pharmaceutical company

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PIPELINE MAGNET

BESPOKE DESIGN FOR VERTICAL FLOW



Manufactured for use installation in a vertical pipeline. The angled branch allows the magnet to be cleaned without the use of shut off valves (in a non pressurised line) and prevents spillage.

FEATURES

Easily installed
Cleaned simply and efficiently
Easy-clean and water jacketed versions available
Highly effective performance due to powerful rare earth magnets
Specially manufactured to your dimensions
No reduction in pressure

SPECIFICATION

Full 316 stainless steel construction
Manufactured to food/pharmaceutical quality : fully welded, fully crack and crevice free
Standard version 12,000 gauss
Easy-clean version 9000 gauss
Manufactured to specific customer specification and size of pipeline
Pressure rated to 10 bar at ambient temperature (21°C)
Optional internal/external finish : polish/bead-blast/mill

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