PIPELINE MAGNET WITH REMOVABLE STRAINER

DESCRIPTION

The Greenwood Pipeline Magnet with Removable Strainer has the dual function of both a permanent magnet for the extraction of ferrous particles and a removable strainer with fine mesh for the removal of other impurities from fluids conveyed by pressurised pipelines.

Manufactured in 316 stainless steel, the unit is simply connected to the existing pipeline via flanges or connections as required. High intensity rare earth magnetic rods filter the flow and extract the unwanted ferrous metal.

The removable strainer is manufactured with the mesh size specified by the client to suit the flow rates, pressure and viscosity of the product. As a bespoke item, we design and manufacture to meet the specific process requirements.

Simple, easy access using the quick release lid, the high intensity rare earth magnets are offered in an easy clean version up to 10000 gauss or fully sealed non easy clean to 12000 gauss (magnetic strength on the contact surface).

Available with optional water jackets in a range of sizes, to meet the design pressure and operating temperatures of the lines, this is Ideal for chocolate, caramel or similar production lines.



Pipeline Magnet - Closed and Open (showing strainer)

Greenwood Magnetics Ltd
Unit 1 Buckley Road Industrial Estate
Buckley Road, Rochdale
Lancashire
OL12 9EF

T +44 (0) 1706 645824
F +44 (0)1706 642 458
E sales@greenwoodmagnetics.com

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Pipeline magnet with strainer



Top view. Open, showing strainer



Separate Components with strainers with 1mm dia mesh and 2mm dia mesh.

FEATURES

Made to suit various line sizes
Easily installed
Cleaned simply and efficiently
Available with water jackets
Easy Clean and Sealed Magnetic Rods available
Removable strainer with mesh size to requirements
Highly polished internal crevice free surfaces

SPECIFICATION

Certified drawings and 3D models available
Complies with ATEX directive
Material Certification
Pressure Test Certificate
ISO 9001 : 2015 certified
Easy Clean Magnetic tubes to 10000 gauss
Standard Magnetic tubes up to 12000 gauss

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