HIGH PRESSURE PIPELINE MAGNET

DESCRIPTION

The Greenwood High Pressure Pipeline magnet was designed and manufactured for one of the World's leading confectionary companies. It is similar to the standard pipeline magnet (see pipeline magnet) but manufactured to much higher pressure.

High intensity rare earth easy-clean magnetic tubes (up to 10000 gauss) filter unwanted ferrous and semi –ferrous metal contamination from the product stream present in the line. Designed to 16 bar and pressure tested to 19 bar at ambient temperature, the pipeline magnet has quick release swing bolts to reduce down time whilst cleaning the easy-clean magnetic tubes.



As a result of the success of this pipeline magnet, the client requested a second high pressure pipeline magnet with a specially designed water jacket to prevent water leakage.

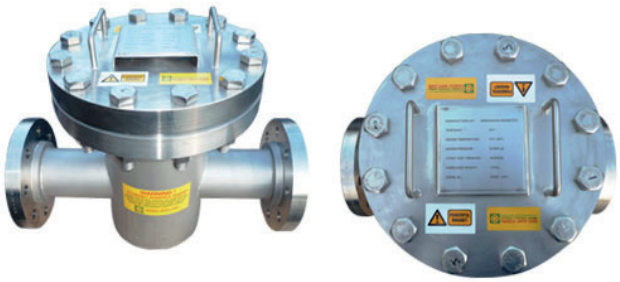


Other industries requesting the high pressure pipeline magnets include the ceramics industry: Design pressure of 20 bar and pressure tested to 28 bar, this magnet was manufactured with 300Lb ANSI bolted flanges and fixed tubes (not easy-clean) with a 12000 gauss rating for filtering minute particles from slip

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

HIGH PRESSURE PIPELINE MAGNET





20 inch Pipeline Magnet for 12” line - ASME B16.5 12” 150 lb flanges - Pressure rated to 1bar- tested to 2.5 bar -Flange to flange dimension: 1050 mm. Pressure drop though pipeline 1 kPa.

Designed for the prevention of ferrous particles blocking flame arrestors in a gasoline pipeline.

FEATURES

Easily installed

Easily cleaned

Bespoke design customer requirements

Designed for high pressure lines

Bolted or quick release fixings optional

Powerful magnetic tubes

Highly polished internal crevice free surfaces

SPECIFICATION

Certified Drawings

Pressure Calculations

Declaration of incorporation

CE Marking

Complies with ATEX Directive

Material certification

Pressure Test Certificate

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