

ARM inline magnet



Application

The RMF, RMN and RMF range of magnetic separators is designed for use in pipelines to remove ferrous metals from powders and granular bulk materials. The housing as well as the cone top of the core magnet is made of corrosion-resistant stainless steel (material no. 304).

The dimensions of the unit have been carefully calculated to ensure that good product continues to flow freely between the magnet core and housing, even after prolonged use.

Performance characteristics

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Inline Magnets ARMF, ARMN (ferrite / neo-dy-mium version):

These types of magnets are supplied either with drilled flat flanges or with customized fittings and can be installed into the pipeline very easy. Special designed deflectors at the inside of the housing distribute the material to the magnetic core so that the cleaning result is optimized. Via a dust proof door the magnet can be removed from the housing for cleaning and inspection. Rare earth neodymium versions have a ten times higher energy product than ferrite magnets, so that even very fine particles can be separated from the product.

Inline Magnets ARME (electro magnetic version):

This type of separator attracts ferrous contaminations by means of a electro magnetic flux field. Cleaning a ARME is very simple and can be done in two ways: If the system is equipped with a plc and a quick flap reject mechanism just push the button „Cleaning“. If there is no plc just open the inspection door. A limit switch disconnects the power supply and all attracted contaminations fall off by the diminishing flux field. The quick action flap rejects this material.

Plc controlled units can be supplied with a timer unit for a automated operation



(version for 5 bar overpressure)



available



Right of technical and dimensional changes in the sense of process reserved at all times

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