NEODYM MAGNETS

Magnet insert for filter bag housing

Eco-friendly, cost-effective, and highly efficient magnetic filtration. Primarily used for oils, gasoline, biofuels, as well as hydraulic, cleaning, and cooling fluids to remove ferromagnetic and paramagnetic contaminants. Widely applied across industries such as automotive, aerospace, defense, hydraulics, marine, engineering, shipbuilding, petrochemical products, transportation, and more.

We offer a complete set — including the magnetic core, support, and the strainer basket. All components are also available for individual purchase.

Technical data

Material of: insert, frame, basket
stainless steel AISI 304

Field strength:
1.2 Tesla (12 000 Gauss)

Flow rate: correlates to the nominal diameter of the housing connection and the micron rating of the specified filter bag

Micron rating:
from < 1 µm up to*
*depending on the basket micronage

Dimensions

Core
Ø 32 mm; length 250 mm, 500 mm

Frame
Ø 159 mm; length 650 mm

Basket
Ø 182 mm; length 730 mm

Operating parameters

Max. operating temperature:
100°C

FEATURES

- Removal of particles smaller than 1 µm – keeping the liquid parameters and extends service life
- No liquid flow through the filter media – maintains high flow rate and filtration efficiency
- No back pressure – reduces downtime
- Contaminants are removed as a semi-dry cake – minimal liquid loss
- Contaminants can be recycled – no disposal costs
- Wide range of available insert's and basket's sizes

APPLICATION

- Fine filter for cooling circuits
- Particle filter for cleaning baths
- Protection filters for pumps, valves and spray nozzles
- Prefilters for wash and degreasing baths

BENEFITS

- Reduced operating costs
- No disposal costs
- Lower liquid consumption and losses
- Higher filtration efficiency and accuracy

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