

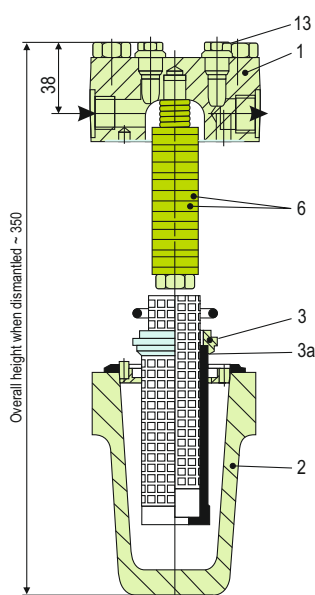


#### Product Description

MF filters are inline filters for installation inside pipelines and are employed in seal supply systems and any other such systems in which the media has to be cleaned of magnetic and non-magnetic impurities up to a certain size. High level of efficiency is guaranteed because of the combination of magnetic rod and filter element

#### Technical Features

1. All the parts exposed to pressure are constructed from forged material
2. Combination device: magnetic filter and filter element
3. Hassle free maintenance of simple and quick cleaning is achieved in operation as the housing can be dismantled
4. Protection of filter elements from reverse current is achieved due to the provision of internal mesh
5. Venting screws in the filter inlet and outlet can be employed as connections for maintenance or for indicating differential pressure



#### Typical Industrial Applications

Chemical industry  
Oil and gas industry  
Petrochemical industry  
Power plant technology  
Refining technology

#### Functional Description

The magnetic rod is positioned in the filter in such a way that it catches magnetic particles flowing past in the medium on all sides. Partial coarse filtration is provided by the incorporated filter element.

Item	Description
1	Filter cover
2	Filter barrel
3	Element insert
3a	Internal mesh
6	Ring magnet
13	Venting screw

#### Technical Features

Designation	Connection	Allowable pressure	Allowable temperature <sup>1)</sup>	Filter grade	Weight (approx.)	Housing, filter head	Filter insert, filter element <sup>2)</sup>	O-ring	Gasket
MF	G 1/2"	63 bar (913 PSI)	150 °C (302 °F)	50 µm	7.8 kg (17.2 lb)	1.4571	1.4301	FKM	T2

<sup>1)</sup> Higher values on request

<sup>2)</sup> Other materials on request