

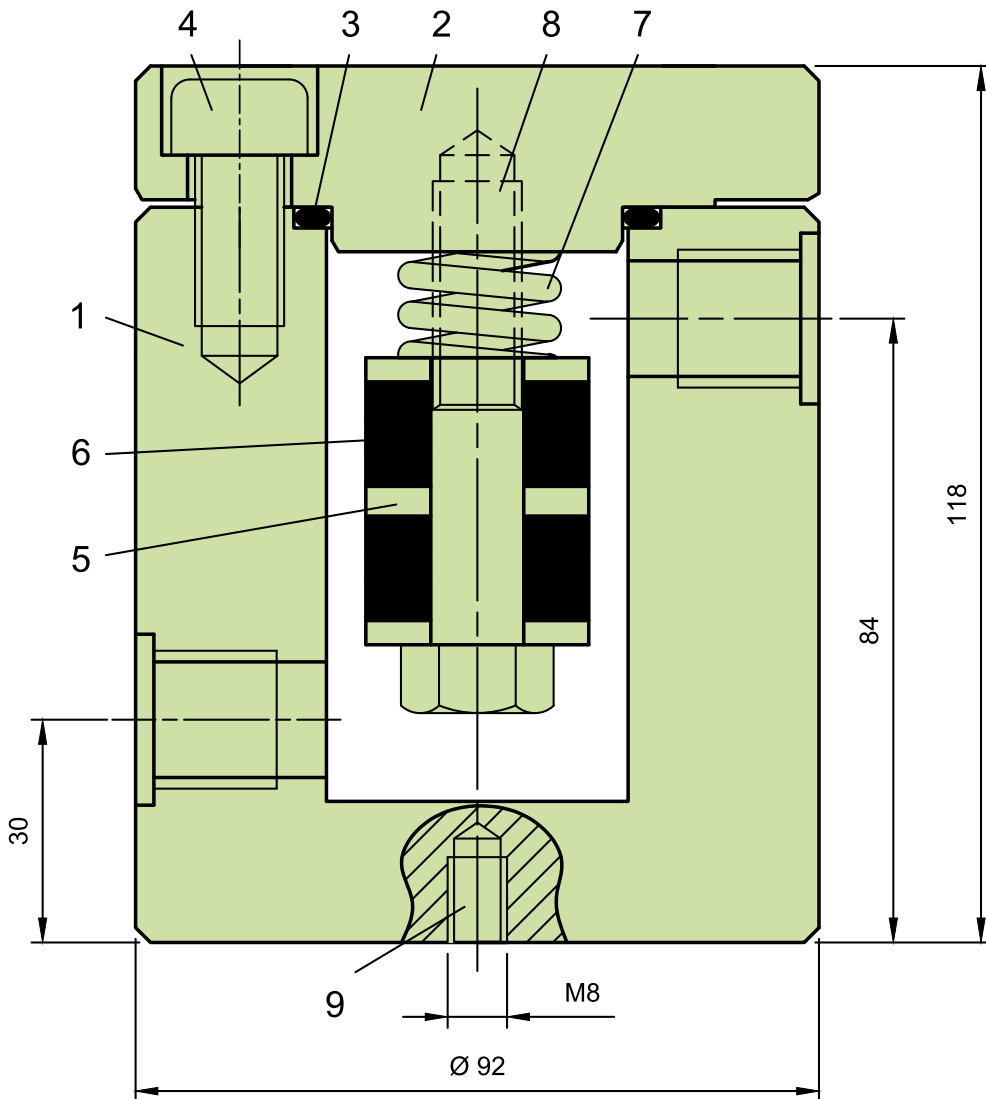


**Product Description**

MS range of separators consists of a pressure casing with integrated magnetic rod for high level of efficiency. MF filters are employed in seal supply systems and any other such systems in which the media has to be cleaned of magnetic impurities up to a certain size

**Technical Features**

1. Construction design for operating pressure up to 150 bar
2. Hassle free maintenance of simple and quick cleaning is achieved in operation as the housing can be dismantled
3. Reliability in operation due to rugged technology



**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 casing in such a way that it catches magnetic particles flowing past in the medium on all sides.

**Operating and Installation Schematic**

**Cleaning:**

The magnetic rod can be removed for cleaning with the casing fitted by opening the cover (with the line depressurized!). Maintenance intervals depend on the degree of soiling. We recommend checking and if necessary cleaning the magnetic rod several hours after using for the first time and each time after flushing the pipes because experience indicates that much of the dirt is flushed out of the pipes at this time.

Item	Description
1,2	Casing and cover
3	O-ring
4,8	Screws
5	Washers
6	Ring magnets: corrosion-resistant
7	Spring
8	Fixing hole

**Technical Features**

Description	Connection	Allowable pressure	Allowable temperature	Volume (litres)	weight approx.	Cover, housing	Spring	O-ring	Gasket
MS	G 1/2"	120 bar (1,740 PSI)	160 °C (320 °F)	0.08	5.5 kg. 12.2 lbs	Stainless Steel	1.4301	EPDM	T2

Other variants on request

The specifications, drawings, images etc included in this catalogue are intended to be generic and must be interpreted as equivalent or functionally equivalent, more specifically the performance capabilities mentioned in this catalogue is based on optimum values, however the performance of the product is dependent on size, material of construction, media, pressure, temperature, sliding velocity etc and it shall vary from size to size or application to application. Customers are requested to consult with Sealmatic before employing the product from this catalogue for any application.