

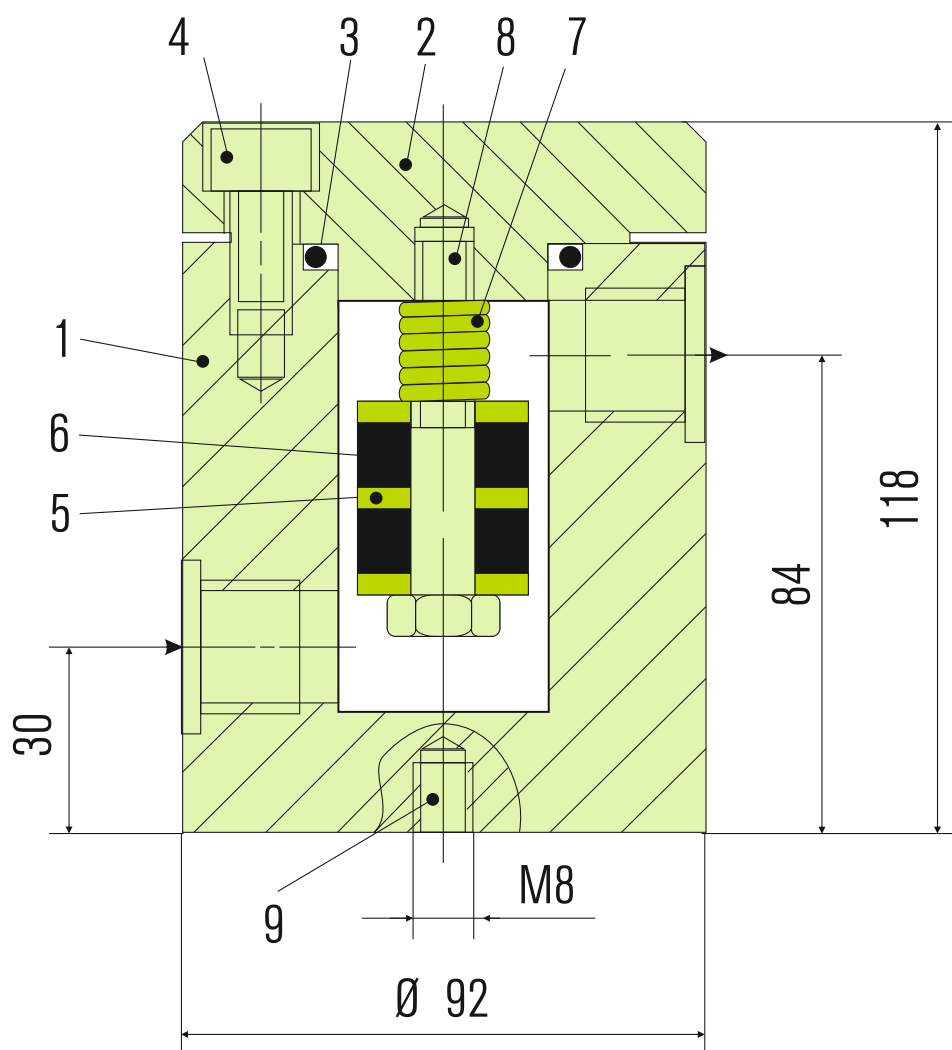


Product Description

Magnetic separators of the MS range consist of a pressure casing with integrated magnetic rod. Magnetic separators are used in seal supply systems and any other such systems in which a liquid has to be cleaned of magnetic impurities.

Technical Features

1. For operating pressures of up to 150 bar
2. Housing can be dismantled:
simple maintenance and cleaning
3. Reliable and 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: SS 316
3	O-Ring: E
4,8	8 Screws: A4 – 70 stainless steel
5	Washers: T2
6	Ring magnets: corrosion-resistant
7	Spring: 1.4301
8	Fixing hole

Technical Features

Description	Connection	Allowable pressure	Allowable temperature	Volume (liters)	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	SS 316	1.4301	EPDM	T2

1) Higher values on request

2) Other materials on request