



MANUFACTURING | AUTOMATION | CALIBRATION

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ALL CUSTOM PRODUCTS ARE DESIGNED TO
ASME SECTION VIII DIV.1 CURRENT EDITION



- ✓ **Fabricated Basket Strainer**
- ✓ **Duplex Basket Strainer**
- ✓ **Self Cleaning Filter**
- ✓ **Duplex Strainer With Backwash System**
- ✓ **Basket Strainer With Air Eliminator**
- ✓ **Magenatic Filter**
- ✓ **Y Type Strainer**
- ✓ **T Type Strainer**
- ✓ **Temporary Strainer**

**HIGH QUALITY STRAINER FOR YOUR
WORLD CLASS EQUIPMENT**

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MAGNETIC FILTER

The magnetic filters can be installed easily in the fluid flow line. They give complete magnetic protection by attracting iron particles as fine as 10 microns into the magnetic trap, the magnets are installed in polished condition for the higher life of the rods and ease of cleaning. For different flow rates, different sizes of magnetic filters are available.

The magnetic elements used in the filter have a gauss value of 11,000 gauss. Standard ASA 150 flanges of 1", 2", 3" are used, however, on customer's request, flanges of required sizes can be used. Easy cleaning magnetic filters are available as an option. High-intensity Filter with 9,000 gauss value and maximum operating temperature up to 350°C also available with SMCO (Samarium Cobalt Magnet). Precise Equipment also makes custom-designed Magnetic Filters to precisely fit customer's applications. Information required is the following

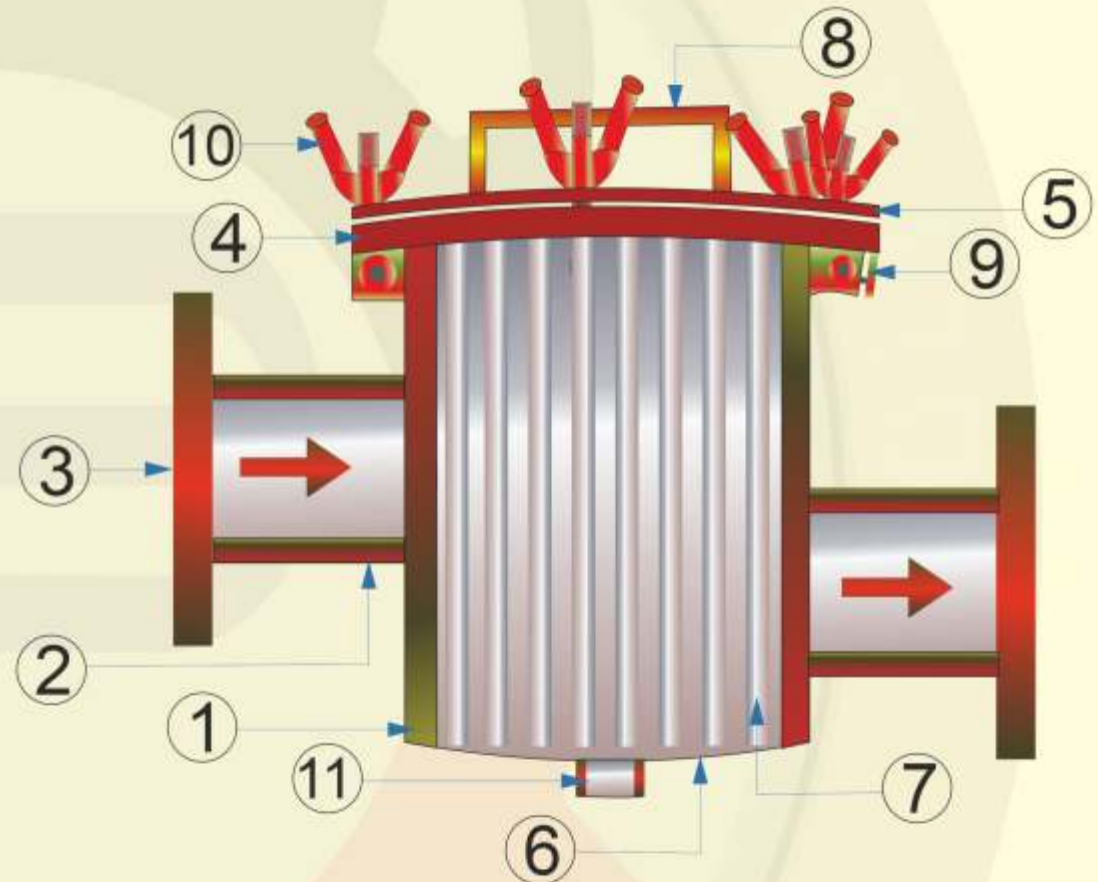
APPLICATIONS :

- ✓ Pump Protection
- ✓ Flow Meter Protection
- ✓ Valves & Regulator Processes
- ✓ Protection Of Heat Exchanger And Refrigeration
- ✓ Instrumentation And Piping Item Protection



CONSTRUCTION

IT. NO.	DESCRIPTION	MATERIAL	QTY.
11	DRAIN PLUG	M.S/SS304/SS316	1
10	SWING NUT	M.S/SS304/SS316	--
9	EYE BOLT	M.S/SS304/SS316	--
8	LIFTING HANDLE	M.S/SS304/SS316	1
7	MAGNETIC ROD	ALNICO MAGNET	5
6	BOTTOM PLATE	M.S/C.S/SS304/SS316/SS304 L/SS316L	1
5	TOP FLANGE	M.S/C.S/SS304/SS316/SS304 L/SS316L	1
4	SHELL FLANGE	M.S/C.S/SS304/SS316/SS304 L/SS316L	1
3	PROCESS FLANGE	M.S/C.S/SS304/SS316/SS304 L/SS316L	2
2	PROCESS PIPE	M.S/C.S/SS304/SS316/SS304 L/SS316L	1
1	SHELL PIPE	M.S/C.S/SS304/SS316/SS304 L/SS316L	1



DIMENSIONS IN MM

A (mm)	B (mm)	C (mm)	D (mm)	No. of Magnetic Elements	Recommended For Flow Rates* Liters/per min
200	150	300	1"	5	200
250	200	350	2"	5	500
250	200	350	2"	7	500
300	300	500	3"	9	1200
450	300	500	3"	12	2000

