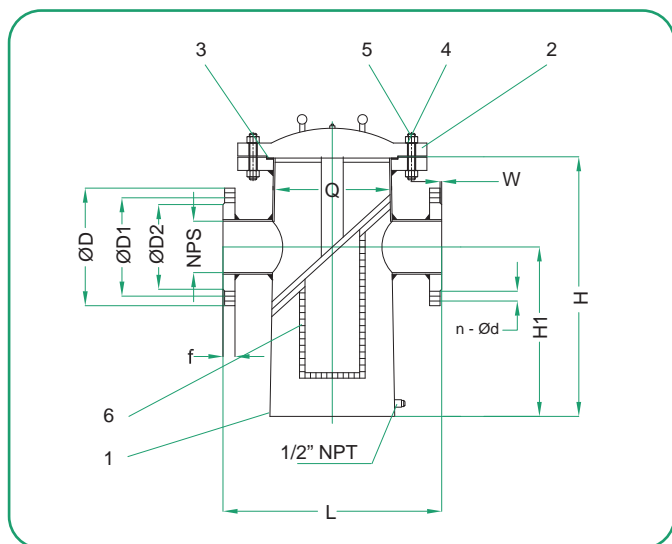




Features / Design

- 1.- The filter is a small device used to remove small amount of solid matters in liquid, so as to protect the compressor normal operation, pump & other devices and meters. It is also a small device used to enhance product purity and purify gas. Therefore, it is widely used in such industries as petroleum, chemical industry, chemical fiber, pharmacy, and food, etc.
- 2.- The filler is composed of shell, sewage discharging cover, filter element, mesh & stud. The total area of mesh is 3-4 times of section of inlet pipe. The pressure difference is 0.05-0.15. Please notify during the design if pressure is different from the design.
- 3.- Design & Manufacture Standard: ASME B16.34. Pressure and temp. rating acc. to ASME B16.34.
- 4.- Ends: Flanged RF - ASME B16.5.
- 5.- Face to face dimensions according to MFG.
- 7.- Inspection and Test Standard: API 598.



Material List

NO.	DESCRIPTION	MATERIAL
1	BODY	A216 WCB / 351 CF8M
2	BONNET	A216 WCB / 351 CF8M
3	GASKET	PTFE
4	BOLT	A193 B7 / A193 B8
5	NUT	A194 2H / A194 B
6	SCREEN	SS316

NOTE: Material list as example, other materials available. Please contact us.

Dimensions (inches) - ANSI 150#

NPS (in)	L (in)	H (in)	H1 (in)	D (in)	D1 (in)	D2 (in)	f (in)	n	Ød (in)	Q (in)	W (in)	Weight (lb)
1"	7.874	8.661	4.724	4.331	3.126	2.008	0.579	4	0.630	2.992	0.079	11.023
2"	10.236	11.024	6.693	5.906	4.752	3.622	0.768	4	0.748	4.252	0.079	31.967
3"	13.386	14.961	9.449	7.480	6.000	5.000	0.957	4	0.748	6.260	0.079	66.139
4"	15.748	17.717	11.811	9.055	7.500	6.181	0.957	8	0.748	8.622	0.079	94.799
6"	19.685	21.654	14.173	11.024	9.500	8.504	1.020	8	0.866	10.748	0.079	154.324
8"	21.654	25.591	16.929	13.583	11.752	10.630	1.142	8	0.866	12.795	0.079	220.462
10"	25.591	30.709	20.472	15.945	14.252	12.756	1.205	12	0.984	15.748	0.079	418.879
12"	29.528	34.646	23.622	19.094	17.000	15.00	1.268	12	0.984	18.110	0.079	485.017
14"	31.496	38.583	25.984	21.063	18.752	16.260	1.394	16	1.142	20.079	0.079	551.156
16"	33.465	41.339	27.559	23.425	21.252	18.504	1.457	16	1.142	22.047	0.079	650.364
18"	35.433	45.276	30.315	25.000	22.752	20.984	1.579	16	1.142	24.409	0.079	793.665



How to Order

DESIGN (SERIES)		MESH ⁽¹⁾	MATERIAL			ENDS ⁽²⁾	CLASS ⁽³⁾	SIZE ⁽⁴⁾		OPERATION
			BODY	TRIM	GASKET					
81S	Single Basket Strainer	A MESH 20 52% Open Area, 0.14 wire diam.	2 WCB	3 316 SS	P PTFE	F Flanged RF	0 ANSI 150#	01	1"	NONE
			3 CF8M	4 304 SS	G Graphite		3 ANSI 300#	02	2"	
81D	Double Basket Strainer	B MESH 30 41% Open Area, 0.12 wire diam.	4 CF8				6 ANSI 600#	03	3"	
			6 CI / DI				04	4"		
							06	6"		
							08	8"		
							10	10"		
							12	12"		
		C MESH 40 36% Open Area, 0.010 wire diam.					14	14"		
		D MESH 60 30.5% Open Area, 0.0075 wire diam.					16	16"		
		E MESH 80 31.4% Open Area, 0.0055 wire diam.					18	18"		
		F MESH 100 30.3% Open Area, 0.0045 wire diam.								

Example:

Single Basket Strainer, Body WCB, Screen 304 SS, MESH 20, PTFE Gasket, Flanged ANSI 150#, Size 6".

8ISA24PF006

NOTES:

- (1) Please contact us for more available MESH & perforations.
- (2) Ends available in other connections, please contact us.
- (3) Please contact us for more available ratings.
- (4) Please contact us for more available sizes.

