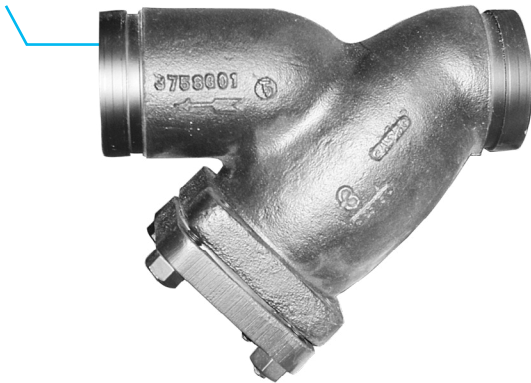


Grooved-End “Wye” Strainer Model 758G



Material Specifications

Body & Cover

Ductile Iron ASTM A 395
Grade 60-40-18

Flat Gaskets

Non-asbestos

Screen

2" - 4" Type 304 Stainless Steel $\frac{1}{16}$ "
(1.6mm) dia. holes (12 mesh)

5" - 12" Type 304 Stainless Steel $\frac{1}{8}$ "
(3.2mm) dia. holes (6 mesh)

Special order screen option:
2" - 8" - 16 mesh / 10" - 12" - 12 mesh

Coupling

Ductile iron ASTM A 536
Grade 65-45-12

Service Recommendations

For use in water, oil and gas piping to provide economical protection for pumps, meters, valves, compressors, traps and similar equipment.

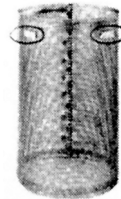
Screens

Standard screens for Y-Strainer are perforated 304 Stainless Steel with spot welded seam. Mesh lining is available in all alloys for extra fine straining. Recommended standard perforations are listed below in the material specifications.

Gruvlok Strainer Basket

Furnished as standard in sizes 8" (43 mm) and larger. A one-quarter turn securely locks the screen in its seat and frees the serviceman for securing the cover flange to the body of the strainer.

Contact an ASC Engineered Solutions Representative for other applications.



Construction

All covers have an NPT blowoff outlet at location “C”. A recessed seat in the cover ensures accurate screen alignment. Bosses at the inlet and outlet flanges are provided for gauge taps.

Self-cleaning is done by opening the valve or plug connected to the blowoff outlet. (When ordering, advise when strainers are to be mounted in vertical piping, the cover can be rotated to position the blowoff at the lowest point.)

Blowoff Outlets

Tapped NPT size specified in the dimension table.
Blowoff outlets are not normally furnished with plugs.

Individually Hydrostatically Tested

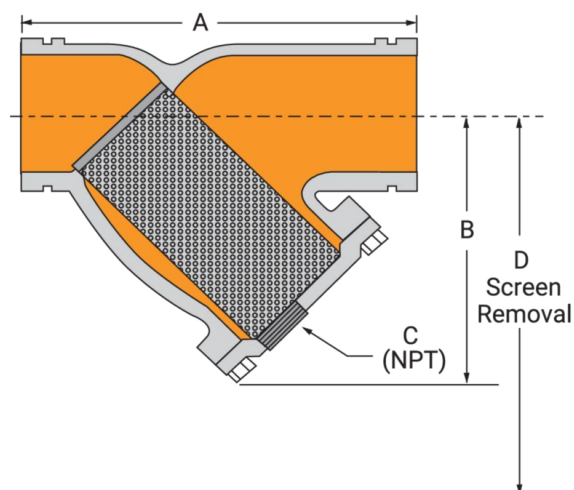
Working Pressures Non-Shock

640 PSI @ 150°F (45 Bar @ 65°C)



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Grooved-End “Wye” Strainer Model 758G



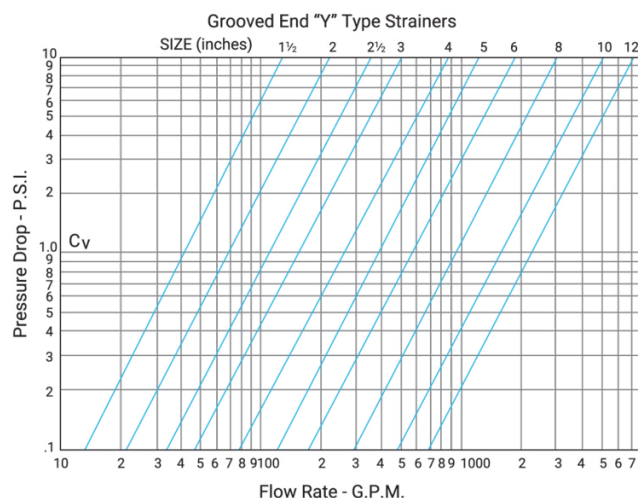
Flow Data

NOTE 1 Most U.S. piping engineers specify system startup instructions for new systems which include removing the pre-filter screen after system flushing of the main piping before the system is put into normal operation. Flow data values are based on flow of clean water at ambient temperatures. The pressure drop across the diffuser basket strainer, 50% clogged, is approximately twice as great as that of a clean strainer.

NOTE 2 Suction Diffuser baskets need a routine maintenance program to maintain system efficiency.

Fig. 758 G Grooved-End “Wye” Strainer

Nominal Size	O.D.	Dimensions				Approx. Wt. Ea.
		A	B	C Plug Size	D	
In./DN(mm)	In./mm	In./mm	In./mm	In./mm	In./mm	Lbs./Kg
2	2.375	7 7/8	5 1/4	1/2	7	12.0
50	60.3	200	133	25	178	5.4
2 1/2	2.875	10	6 1/2	1	9 3/4	18.0
65	73.0	254	165	25	248	8.2
3	3.500	10 1/8	7	1	10	23.0
80	88.9	257	178	25	254	10.4
4	4.500	12 1/8	8 1/4	1 1/2	12	42.0
100	114.3	308	210	38	305	19.1
5	5.563	15 5/8	11 1/4	2	17	80.0
125	141.3	396	286	51	432	36.3
6	6.625	18 1/2	13 1/2	2	20	112.0
150	168.3	470	343	51	508	50.8
8	8.625	21 5/8	15 1/2	2	22 3/4	205.0
200	219.1	549	394	51	577	93.0
10	10.750	25 3/4	18 1/2	2	28	277.0
250	273.1	654	470	51	711	125.6
12	12.750	30	21 3/4	2	30	470.0
300	323.9	762	552	51	762	213.2



* Maximum working pressure is based upon the performance capability of the Gruvlok Strainer. Maximum system working pressure is dependant upon the couplings used for installation and the pressure capacity of other system components.

Not for use with copper systems.



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