

CAST IRON " Y " STRAINERS

- Flanged End and Drilling to ASME B16.1 Class 125
- Working Pressures - Non Shock

Pressure-Temperature Ratings	MEDIA	2" to 12"	50 mm to 300 mm
	W.O.G.	200 PSI @ 150°F	1379 KPa @ 66°C
	STEAM	125 PSI @ 450°F	862 KPa @ 232°C

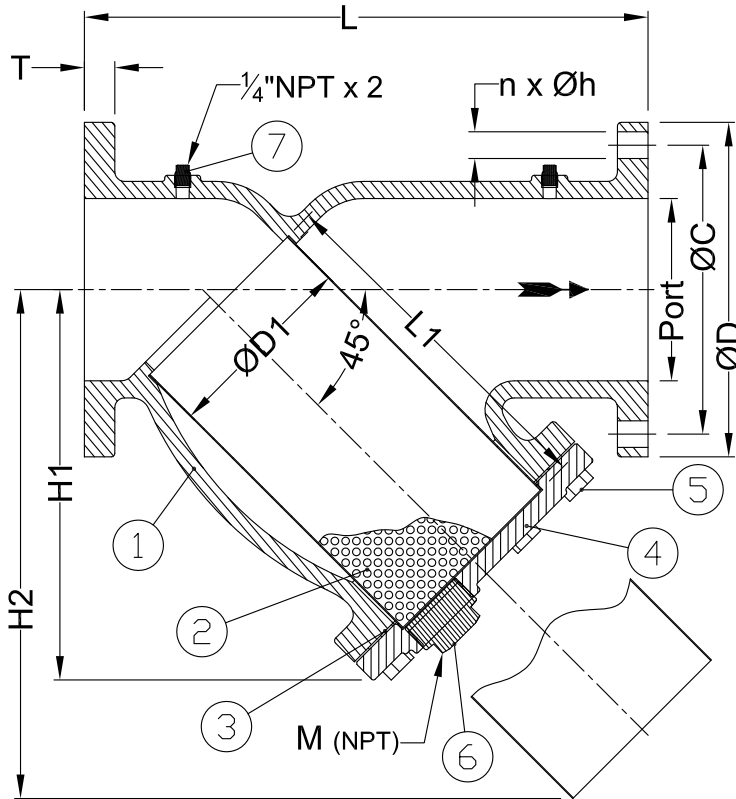


Fig: 714A



MATERIAL LIST

Item	No.	Part	Material	Specification	Qty
1	01	Body	Cast Iron	ASTM A126-B	1
2	23	Screen	Stainless Steel	SUS 304	1
3	14	Gasket	Non-Asbestos		1
4	02	Cover	Cast Iron	ASTM A126-B	1
5	28H	Hex.Head Bolt	Steel	SAE J429 Gr.5	1Set
6	28P	Plug	Carbon Steel		1
7	28P	Plug(1/4"NPT)	Carbon Steel		2

STANDARD SCREENS SUPPLIED

SIZE		SCREENS PERFORATION				OPEN AREA
in	mm	FOR STEAM	OPEN AREA	FOR LIQUID	OPEN AREA	
2"~4"	50~100	3/64	1.2	33%	1/16	1.6
5"~10"	125~250	3/64	1.2	33%	1/8	3.2
12"	300	1/16	1.6	30%	1/8	3.2

Standard screens supplied are for liquid service, unless otherwise specified.
Options: Other perforations, meshes, and screen materials are available.

Cv & Weight

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
mm	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Cv	62	98	155	269	364	585	942	1572	2261
Wt.(Kgs)	8	12	15.5	27	42.5	60	101.5	154	230

Dimensions

Unit: inch

Size	mm	Port	H1	H2	L	C	D	T	L1	D1	M(NPT)	nxh
2"	DN50	2.0	5 ⁵ / ₁₆	7	7 ⁷ / ₈	4 ³ / ₄	6	5 ⁵ / ₈	4.31	2.13	1 ¹ / ₂ "	4x3/4"
2 1/2"	DN65	2.5	6 ¹ / ₈	8 ¹³ / ₁₆	10	5 ¹ / ₂	7	1 ¹¹ / ₁₆	5.38	2.69	1"	4x3/4"
3"	DN80	3.0	6 ⁹ / ₁₆	9 ⁷ / ₁₆	10 ¹ / ₈	6	7 ¹ / ₂	3 ³ / ₄	5.56	3.13	1"	4x3/4"
4"	DN100	4.0	8 ¹ / ₁₆	11 ¹⁵ / ₁₆	12 ⁷ / ₈	7 ¹ / ₂	9	1 ¹⁵ / ₁₆	7.25	4	1 ¹ / ₂ "	8x3/4"
5"	DN125	5.0	11	16	15 ⁵ / ₈	8 ¹ / ₂	10	1 ¹⁵ / ₁₆	10.18	4.5	2"	8x7/8"
6"	DN150	6.0	12 ⁵ / ₈	18 ³ / ₄	18 ¹ / ₂	9 ¹ / ₂	11	1	11.75	6.44	2"	8x7/8"
8"	DN200	8.0	15 ⁵ / ₈	22 ⁷ / ₁₆	21 ⁵ / ₈	11 ³ / ₄	13 ¹ / ₂	1 ¹ / ₈	13.13	8.37	2"	8x7/8"
10"	DN250	10.0	17 ³ / ₄	27	25 ³ / ₄	14 ¹ / ₄	16	1 ³ / ₁₆	16.38	10.44	2"	12x1"
12"	DN300	12.0	21 ⁵ / ₁₆	29 ³ / ₈	29 ⁷ / ₈	17	19	1 ¹ / ₄	15.25	12.44	2"	12x1"

■ Note: Design and materials are subject to change without notice.



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