

SPECIFICATIONS

FIGURE 558B

Y-STRAINER



125# FLANGED 200 WOG CAST IRON Y-STRAINER

FEATURES

- 200 WOG non-shock (-20°F – 150°F)
- 125 psi WSP (125 psi at 450°F)
- Flat faced flanges
- Flanged ends comply to ANSI B16.1
- Perforated stainless steel screen:
 - 1/16" Holes (2"-4")
 - 1/8" Holes (5"-12")
- Blow-off plug included
- Test pressure: shell (Hydro) 300 psi per ANSI B16.1
- Markings per MSS SP-25
- Pre-drilled NPT ports for gauge installation



REPAIR PARTS

REPLACEMENT SCREENS	REPLACEMENT GASKETS
2 = FNW558BSK	2 = FNW558BGK
2-1/2 = FNW558BSL	2-1/2 = FNW558BGL
3 = FNW558BSM	3 = FNW558BGM
4 = FNW558BSP	4 = FNW558BGP
5 = FNW558BSS	5 = FNW558BGS
6 = FNW558BSU	6 = FNW558BGU
8 = FNW558BSX	8 = FNW558BGX
10 = FNW558BS10	10 = FNW558BG10
12 = FNW558BS12	12 = FNW558BG12

FIGURE NUMBER MATRIX

FNW 558B		
SIZE CODE (IN.)		
2 = K	4 = P	8 = X
2-1/2 = L	5 = S	10 = 10
3 = M	6 = U	12 = 12

REFERENCE CHART (INCHES)

Size	Port	H	L	L1	C	D	D1	T	M(NPT)	nxh
2	2.00	6.19	9.88	5.31	4.75	6.00	2.11	0.62	1/2	4x3/4
2-1/2	2.50	7.63	11.25	6.50	5.50	7.00	2.69	0.69	1	4x3/4
3	3.00	8.25	12.50	7.09	6.00	7.50	3.28	0.75	1	4x3/4
4	4.00	10.06	14.88	9.02	7.50	9.00	4.08	0.94	1-1/4	8x3/4
5	5.00	12.50	17.94	11.73	8.50	10.00	5.06	0.94	1-1/4	8x7/8
6	6.00	14.31	20.38	13.63	9.50	11.00	5.84	1.00	1-1/2	8x7/8
8	8.00	17.38	24.13	16.73	11.75	13.50	7.81	1.12	2	8x7/8
10	10.00	20.88	29.56	20.20	14.25	16.00	9.63	1.19	2	12x1
12	12.00	23.56	33.75	22.88	17.00	19.00	11.59	1.25	2	12x1

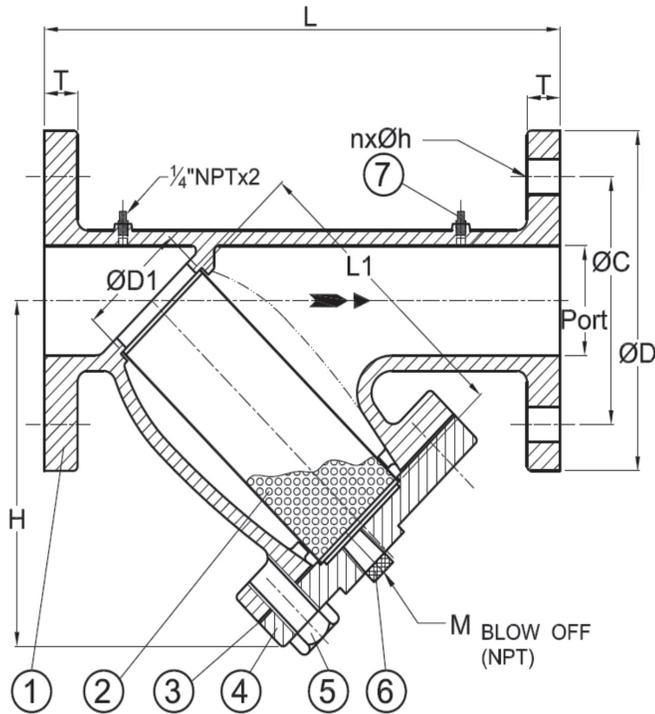
PARTS BREAKDOWN

FIGURE 558B
Y-STRAINER



125# FLANGED 200 WOG CAST IRON Y-STRAINER

PARTS DIAGRAM



CV & WEIGHTS

Size (in.)	CV	Wt (lbs)
2	62	26
2-1/2	98	35
3	155	42
4	269	66
5	364	115
6	585	146
8	942	258
10	1572	414
12	2261	580

STANDARD SCREENS SUPPLIED - SCREENS PERFORATION

Size		For Steam		Open Area	For Liquid		Open Area
in.	mm	in.	mm		in.	mm	
2 - 4	50 - 100	3/64	1.2	33%	1/16	1.6	30%
5 - 10	125 - 250	3/64	1.2	33%	1/8	3.2	43%
12	300	1/16	1.6	30%	1/8	3.2	43%

PART MATERIALS & QUANTITY

Ref #	Description	Material	Specification	Qty
1	Body	Cast Iron	ASTM A126-B	1
2	Screen	Stainless Steel	SUS 304	1
3	Gasket	Non-Asbestos	-	1
4	Cover	Cast Iron	ASTM A126-B	1
5	Hex Head Bold	Steel	ASTM A307-A	1 set
6	Plug	Malleable Iron	ASTM A197-B	1
7	Plug (1/4" NPT)	Malleable Iron	ASTM A197-B	2