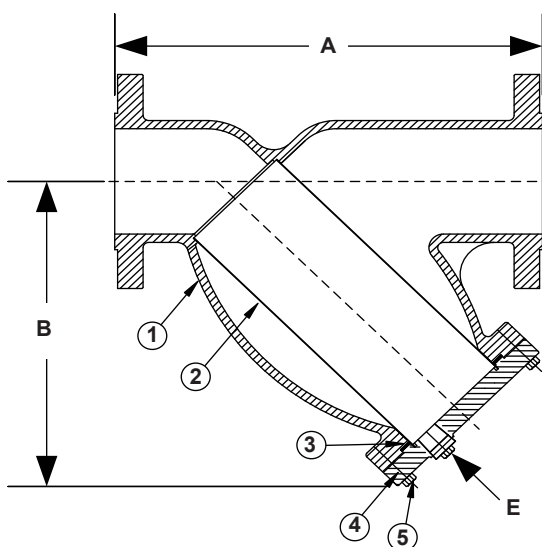




Cast Carbon Steel Y-Strainer



Applications

Steam, water, oil or gas where protection from foreign matter in a pipeline is required.

Working Pressures – Non Shock

Nom. Rating	Media	1/2" to 14"	15 mm to 350 mm
150# R.F. & D. (FLANGE)	STEAM	150 PSI @ 565°F	1035 KPa @ 296°C
	W.O.G.	285 PSI @ 100°F	1966 KPa @ 38°C
Nom. Rating	Media	1/2" to 14"	15 mm to 350 mm
300# R.F. & D. (FLANGE)	STEAM	300 PSI @ 838°F	2069 KPa @ 448°C
	W.O.G.	740 PSI @ 100°F	5104 KPa @ 38°C

Materials List

Item	Description	Material
1*	Body	Carbon Steel (ASTM 216, GRADE WCB)
2	Screen	Stainless Steel (304)
3	Gasket	Spiral Wound Stainless Steel (304)
4	Cover	Carbon Steel (ASTM 216, GRADE WCB)
5	Hex Head Cap Screw	Carbon Steel (ASTM 193, GRADE B7)

Optional: Blow-off Plug, Carbon Steel (ASTM A 105)

*Optional Body Materials Available in LCB, WC6, and WC9.

Total Screen AREA (150LB.)

Size	(in ²)	Size	(in ²)	Size	(in ²)
1/2"	6.46	2"	30.28	8"	342.86
3/4"	12.32	3"	57.62	10"	532.80
1"	12.32	4"	91.89	12"	600.71
1-1/4"	18.68	5"	209.41		
1-1/2"	18.68	6"	241.18		

Dimensions

Size		A				B				E		Weights			
		150#		300#		150#		300#		150#&300#		150#		300#	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kgs	lbs	kgs
1/2"	15	6-1/2	165	6-1/8	156	3-3/4	95	3-3/4	95	3/8	10	7	3	6	3
3/4"	20	7-3/8	187	7-3/4	197	4-1/4	108	4-1/4	108	1/2	15	11	5	13	6
1"	25	7-3/8	187	7-7/8	200	4-1/4	108	4-1/4	108	1/2	15	11	5	13	6
1-1/4"	32	7	178	8-1/8	206	5-1/8	130	5-1/8	130	1/2	15	12	5	19	9
1-1/2"	40	7-1/8	181	8-1/4	210	5-1/8	130	5-1/8	130	1/2	15	14	6	19	9
2"	50	7-7/8	200	9-1/2	241	6	152	6	152	1/2	15	22	10	33	15
2-1/2"	65	9-3/4	248	10-3/8	264	7	178	7	178	1	25	32	15	44	20
3"	80	10-1/16	256	12	305	7-7/16	189	7-5/16	186	1	25	41	19	58	26
4"	100	12-1/8	308	14-1/2	368	8-15/16	227	8-15/16	227	1-1/2	40	63	29	90	41
5"	125	15-1/2	394	19-5/16	491	13-1/32	331	13-1/32	331	2	50	111	50	180	82
6"	150	18-1/2	470	19-5/16	491	13-1/4	337	13-1/4	337	2	50	136	62	180	82
8"	200	21-3/8	543	23-3/8	594	15-1/2	394	15-1/2	394	2	50	212	96	304	138
10"	250	26	660	27-3/8	695	18-7/16	468	18-7/16	468	2	50	280	127	470	213
12"	300	29-7/8	759	32	813	21-5/8	549	21-5/8	549	2	50	460	209	709	322
14"	350	34-1/2	876	36	914	25	635	25	635	2	50	980	445	1300	590

Larger sizes available upon request.

Certified dimensional drawings are available upon request.

†This table reflects only the nearest metric equivalents.

