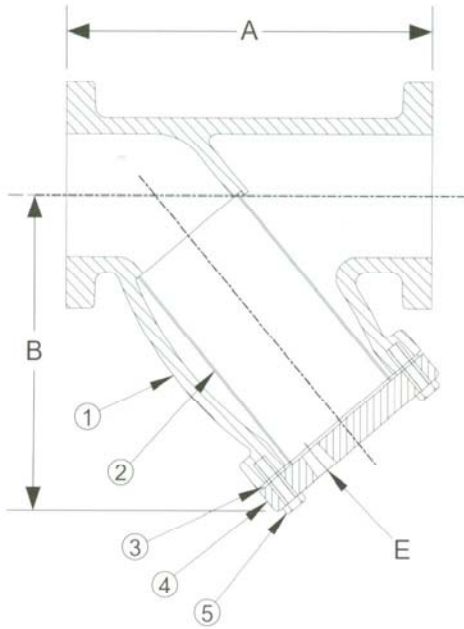




**TECHNICAL DATA**  
**DIMENSIONS AND WEIGHTS**

# Style BA

**Y-Strainer, 150 lb. & 300 lb. Flanged Cast Bronze (ASTM B 62)**



**PARTS LIST**

ITEM	DESCRIPTION	MATERIAL
1	BODY	CAST BRONZE (ASTM B 62)
2	SCREEN	BRASS
3	GASKET	COMPOSITION
4	COVER	CAST BRONZE (ASTM B 62)
5	HEX HEAD CAP SCREWS	STEEL

Optional: Blow-off Plug, Brass

**STANDARD SCREENS SUPPLIED**

SIZE		SCREEN GAGE	SCREEN PERFORATION					
in	mm		FOR STEAM		OPEN AREA	FOR LIQUID		OPEN AREA
			in	mm		in	mm	
2 to 4	50 to 100	28	3/64	1.2	33%	1/16	1.6	30%
5 to 6	125 to 150	24	3/64	1.2	33%	1/8	3.2	43%

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

SIZE		DIMENSIONS								WEIGHTS			
		A				B		E		150#		300#	
		150#		300#		150# & 300#		150# & 300#		lbs	kgs	lbs	kgs
in	mm	in	mm	in	mm	in	mm	in	mm				
2	50	8-1/8	206	8-5/8	219	8-1/4	210	1-1/4	32	34	15	39	18
2-1/2	65	9-5/8	244	10-1/8	257	8-1/2	216	1-1/4	32	40	18	57	26
3	80	10-3/8	264	10-15/16	278	8-1/2	216	1-1/4	32	51	23	74	34
4	100	14-7/8	378	15-1/4	387	12-1/2	318	2	50	109	49	149	68
5	125	16	406	16-3/4	425	14-1/2	368	2	50	161	73	221	100
6	150	18-9/16	471	18-1/8	460	14	381	2	50	195	88	253	115

Larger sizes available upon request.

Certified dimensional drawings are available upon request.

†This table reflects only the nearest metric equivalents.

**FLOW COEFFICIENTS**

Size	C <sub>v</sub>	Size	C <sub>v</sub>
2"	62	4"	269
2-1/2"	98	5"	364
3"	155	6"	585

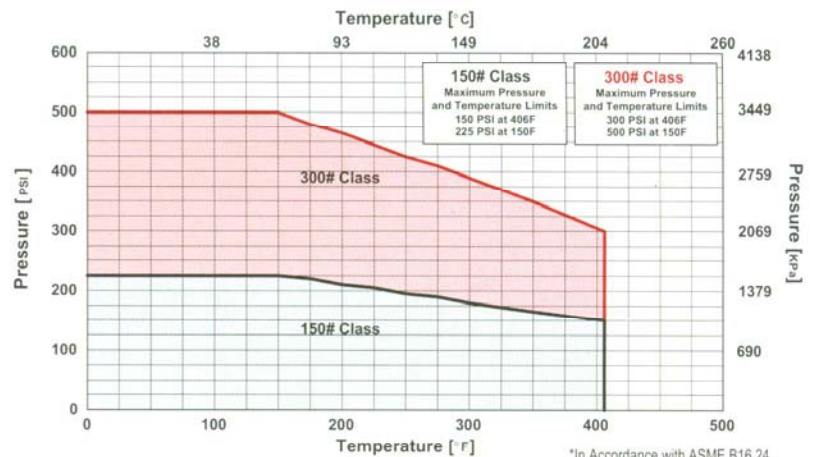
**TOTAL SCREEN AREA**

Size	(in <sup>2</sup> )	Size	(in <sup>2</sup> )
2"	51.55	4"	154.98
2-1/2"	70.01	5"	219.79
3"	85.86	6"	245.08

\*See DETERMINING RATIOS on page S5 of the Strainer Information Section for calculating NET FREE AREA of the screen to inside pipe area.

**PRESSURE vs. TEMPERATURE CHART**

150# & 300# Flanged Cast Bronze (ASTM B 62)



\*In Accordance with ASME B16.24