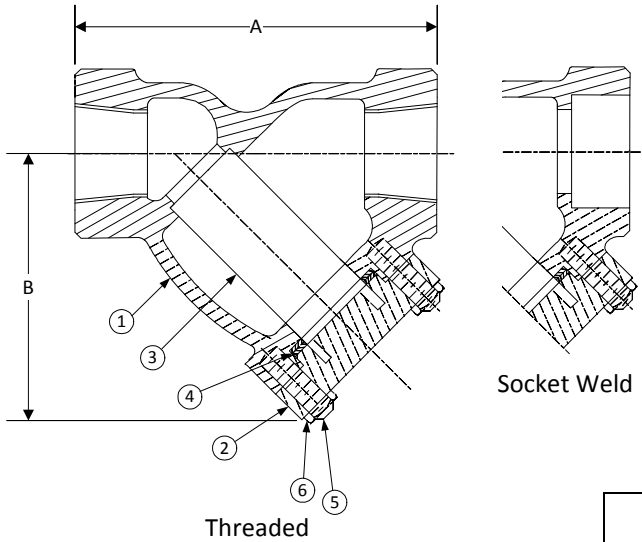


Style SB-C9

Y-Type, 1500 lb. Threaded & Socket Weld
 Cast Chrome-Moly (ASTM A 217, Grade WC9)



PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1*	BODY	CAST CHROME-MOLY (ASTM A 217, GRADE WC9)
2	COVER	CAST CHROME-MOLY (ASTM A 217, GRADE WC9)
3	SCREEN (NOT SHOWN)	STAINLESS STEEL (304)
4	GASKET (NOT SHOWN)	SPIRAL WOUND STAINLESS STEEL (304)
5	STUDS	STAINLESS STEEL (ASTM A 193, GRADE B8)
6	NUTS	STAINLESS STEEL (ASTM A 194, GRADE 8)

*Optional Body Materials Available in 304 and 400 Series SS, Alloy 20, Inconel, Hastelloy C276, and Stellite.

STANDARD SCREENS SUPPLIED

SIZE		SCREEN GAGE	SCREEN PERFORATION					
in	mm		FOR STEAM		OPEN AREA	FOR LIQUID		OPEN AREA
			in	mm		in	mm	
1/2 to 3	15 to 80	26	1/32	.8	28%	1/16	1.6	37%

Standard screens supplied are for **steam service**, unless otherwise specified.

Options: Other perforations, meshes, and screen materials are available.

SIZE		DIMENSIONS				WEIGHTS	
		A		B			
in	mm	in	mm	in	mm	lbs	kgs
1/2	15	3-15/16	100	3	76	10	5
3/4	20	4-1/4	108	3-3/4	95	12	5
1	25	5	127	5	127	15	7
1-1/4	32	8-3/8	213	5-1/2	140	22	10
1-1/2	40	8-3/8	213	5-1/2	140	22	10
2	50	9-5/16	237	7-3/8	187	30	14
2-1/2	65	12	305	10-1/2	267	50	23
3	80	12	305	10-1/2	267	50	23

Certified dimensional drawings are available upon request.

†This table reflects only the nearest metric equivalents.

FLOW COEFFICIENTS

Size	C _v	Size	C _v	Size	C _v
1/2"	9	1-1/4"	45	2-1/2"	129
3/4"	18	1-1/2"	60	3"	170
1"	30	2"	98		

PRESSURE DROP CHART

Threaded "Y" Pattern Strainers (Styles SB, SB-7, SSB and SSB-7)

This pressure drop chart is based on the flow of clean water through the Keckley "Y" strainers listed above with screen perforations ranging from 3/64" through 1/8" and is additionally for use with those units equipped with a 20 mesh screen as standard.

TO USE CHARTS:

Find your desired rate of flow (GPM) on the left hand side of the chart. Follow its corresponding horizontal line to the point where it intersects the diagonal line indicating the strainer pipe size. From this point of intersection, follow the vertical line down to the bottom of the chart to determine the approximate pressure drop.

CORRECTION FACTORS:

For finer mesh screens that are backed with a perforated sheet, multiply the pressure drops shown at right by the following:

40 mesh	x 1.2
60 mesh	x 1.4
80 mesh	x 1.6
100 mesh	x 1.7

