



Style SSB7BCML

Y-Strainer, Class 600 NPT & Socket Weld
Bolted Cover

Monel (ASTM A 494, Grade M35-2)

PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1	Body	Monel (ASTM A 494, Grade M35-2)
2	Screen	Stainless Steel (304)
3	Gasket	Spiral Wound Stainless Steel (304)
4	Cap	Monel (ASTM A 494, Grade M35-2)
5	Stud	Stainless Steel (ASTM A 193, Grade B8)
6	Nut	Stainless Steel (ASTM A 194, Grade 8)
7	Plug	Stainless Steel (ASTM A 182, Grade F-304)

STANDARD SCREENS SUPPLIED

SIZE		SCREEN PERFORATION					
		FOR LIQUID		OPEN AREA	FOR STEAM		OPEN AREA
in	mm	in	mm		in	mm	
1/4 to 3	8 to 80	1/16	1.6	30%	3/64	1.2	33%

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

SIZE		DIMENSIONS										WEIGHTS	
		A		B		C		D		E			
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kgs
1/4	8	3	76	2-1/2	63	0.555	14	3/8	10	1/4	8	3	1.14
3/8	10	3	76	2-1/2	63	0.690	18	3/8	10	1/4	8	3	1.14
1/2	15	3-7/8	99	3-1/4	83	0.855	22	3/8	10	1/4	8	3	1.14
3/4	20	4-1/4	108	4-1/4	108	1.065	27	1/2	13	3/8	10	3	1.32
1	22	4-15/16	125	4-5/8	117	1.330	34	1/2	13	1/2	15	6	2.33
1-1/4	32	5-5/8	143	5-1/2	140	1.675	43	1/2	13	3/4	20	10	4.30
1-1/2	40	6-1/4	159	6-1/4	159	1.915	49	1/2	13	3/4	20	12	5.43
2	50	7-1/2	191	7-1/4	184	2.406	61	5/8	16	1	25	18	7.74
2-1/2	65	12	305	9-3/8	238	2.906	74	5/8	16	1-1/4	32	49	22.00
3	80	12	305	9-3/8	238	3.535	90	5/8	16	1-1/4	32	49	22.00

*This table reflects only the nearest metric equivalents.
Dimensions and weights are for reference only. When required, request certified drawings.
Face to face values for threaded strainers have a tolerance in compliance with ASME B16.34
and socket weld strainers have a tolerance in compliance with ASME B16.11.

FLOW COEFFICIENTS

Size	C _v	Size	C _v	Size	C _v
1/4"	9.5	1"	30	2-1/2"	129.7
3/8"	9.5	1-1/4"	44.9	3"	161.3
1/2"	9.5	1-1/2"	61		
3/4"	18.7	2"	98		

TOTAL SCREEN AREA

Size	(in ²)	Size	(in ²)	Size	(in ²)
1/4"	4.36	1"	13.84	2-1/2"	69.82
3/8"	4.36	1-1/4"	20.83	3"	69.82
1/2"	4.36	1-1/2"	24.02		
3/4"	9.37	2"	35.48		

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