

Features

- Should be used whenever it is essential that fluid be free of foreign solid matter.
- Assure proper flow and prevent damage to valves, controls, and other equipment.

Constructions

Forged Brass, Bronze, Cast Iron, and Stainless Steel Body

Rugged, self-cleaning "Y body" strainers have easily removed strainer of perforated stainless steel or wire mesh. Free hole area shown in table is total of all openings. Suitable for air, water, oil, and steam.

Acetal Body

Straight-through flow with large area orifice. Strainers can be easily removed and back flushed. Suitable for air and water.



Installation:

May be mounted in any position, but should be located on the inlet side of the valve, as close to it as possible.

Specifications (English units)

Pipe Size (ins.)	Cv Flow Factor	Screen Mesh Size ③	Total Free Hole Area (in. ²)	Particle Retention Size ③		Blow-Off Pipe Size (ins.)	Maximum Fluid Temp. °F ⑥	Safe Working Pressure (psi) ⑥	Catalog Number	Constr. Ref. No.	Dimensions (ins.)	
				Microns	Inches						A	B
CA BODY with Stainless Steel Strainer Element and NBR Seals												
①	.50	80x80	.116	178	.007	--	130	50	86044	1	②	②
① ⑤	.50	80x80	.116	178	.007	--	130	175	86042	1	②	②
FORGED BRASS BODY with Stainless Steel Strainer Element and PTFE or FPM Seals ⑤												
1/8	1	60x60	.325	155	.0061	--	400	750	8600A1 ⑦ ⑧	2	1 11/32	2
1/4	1.7	60x60	.325	155	.0061	--	400	750	8600A2 ⑦ ⑧	2	1 11/32	2
3/8	1.9	100x100	.35	140	.0055	--	400	750	8600A13 ⑦	2	1 5/8	1 29/32
1/2	2.6	100x100	.50	140	.0055	--	400	750	8600A14 ⑦	2	1 13/16	2 9/32
3/4	4.7	100x100	.75	140	.0055	--	400	750	8600A15 ⑦	2	2 3/32	2 3/4
BRONZE BODY with Stainless Steel Strainer Element												
1	18	60x60	3.52	155	.0061	3/4	150	500	8600B6	2	3 1/2	4 7/8
1 1/4	24	60x60	4.48	155	.0061	3/4	150	500	8600B7	2	4 3/16	5 3/8
1 1/2	36	60x60	6.39	155	.0061	3/4	150	500	8600B8	2	4 3/4	6 3/8
2	63	60x60	6.49	155	.0061	1	150	500	8600B9	2	5 11/16	7 1/2
CAST IRON BODY with Stainless Steel Strainer Element												
1/4	1.8	60x60	0.93	155	.0061	1/4	150	300	8602B12	2	2 3/16	2 7/8
3/8	3.2	60x60	0.93	155	.0061	1/4	150	300	8602B13	2	2 3/16	2 7/8
1/2	5.9	60x60	1.49	155	.0061	3/8	150	300	8602B14	2	2 11/16	3 7/16
3/4	11	60x60	2.70	155	.0061	1/2	150	300	8602B15	2	3/38	4 3/8
1	18	60x60	3.52	155	.0061	3/4	150	300	8602B16	2	3 1/2	4 7/8
1 1/4	24	60x60	4.58	155	.0061	1	150	300	8602B17	2	4 1/8	5 3/8
1 1/2	36	60x60	6.39	155	.0061	1-1/4	150	300	8602B18	2	4 11/16	6 3/8
2	68	60x60	6.49	155	.0061	1-1/2	150	300	8602B19	2	5 7/16	7 1/2
2 1/2	81	60x60	10.01	155	.0061	1-1/4	150	300	8602B20	2	6 7/16	9
STAINLESS STEEL BODY with Stainless Steel Strainer Element and PTFE Seals												
3/8	2.1	60x60	.23	250	.0098	1/4	450	1500	86014	2	1 27/32	1 29/32
1/2	3	60x60	.35	250	.0098	1/4	450	1500	86015	2	2	2 9/32

Notes: ① 1/4" O.D. compression connection. Fittings are not supplied. To order, refer to List Price Schedule.
 ② See dimensions.
 ③ Other mesh sizes may be available; consult ASCO.

⑤ Where pressure exceeds 50 psi, it is advisable to use hose or tubing clamps.
 ⑥ Metal body strainers are rated for steam at 250 psi maximum pressure and 406°F maximum temperature.
 ⑦ UL recognized component.
 ⑧ Strainer supplied with FKM seal.

Specifications (Metric units)

Pipe Size (ins.)	Kv Flow Factor (m3/h)	Screen Mesh Size ③	Total Free Hole Area (mm²)	Particle Retention Size ③		Blow-Off Pipe Size (ins.)	Maximum Fluid Temp. °C ⑥	Safe Working Pressure (bar) ⑥	Catalog Number	Constr. Ref. No.	Dimensions (ins.)	
				Microns	Inches						A (mm)	B (mm)
CA BODY with Stainless Steel Strainer Element and NBR Seals												
①	.43	80x80	7.5	178	.007	--	54	3	86044	1	②	②
① ⑤	.43	80x80	7.5	178	.007	--	54	12	86042	1	②	②
FORGED BRASS BODY with Stainless Steel Strainer Element and PTFE or FPM Seals ⑧												
1/8	.86	60x60	21	155	.0061	--	204	52	8600A1 ⑦ ⑧	2	34	51
1/4	1.46	60x60	21	155	.0061	--	204	52	8600A2 ⑦ ⑧	2	34	51
3/8	1.63	100x100	22.6	140	.0055	--	204	52	8600A13 ⑦	2	41	48
1/2	2.23	100x100	32.3	140	.0055	--	204	52	8600A14 ⑦	2	46	58
3/4	4.03	100x100	48.4	140	.0055	--	204	52	8600A15 ⑦	2	53	70
BRONZE BODY with Stainless Steel Strainer Element												
1	15.43	60x60	227	155	.0061	3/4	66	34	8600B6	2	89	124
1 1/4	20.57	60x60	289	155	.0061	3/4	66	34	8600B7	2	106	137
1 1/2	30.86	60x60	412.2	155	.0061	3/4	66	34	8600B8	2	121	162
2	54.00	60x60	418.6	155	.0061	1	66	34	8600B9	2	144	191
CAST IRON BODY with Stainless Steel Strainer Element												
1/4	1.54	60x60	60	155	.0061	1/4	66	21	8602B12	2	56	73
3/8	2.74	60x60	60	155	.0061	1/4	66	21	8602B13	2	56	73
1/2	5.06	60x60	96.1	155	.0061	3/8	150	21	8602B14	2	68	87
3/4	9.43	60x60	174.2	155	.0061	1/2	151	21	8602B15	2	2	111
1	101.14	60x60	227	155	.0061	3/4	152	21	8602B16	2	89	124
1 1/4	20.57	60x60	295.4	155	.0061	1	153	21	8602B17	2	105	137
1 1/2	30.86	60x60	412.2	155	.0061	1-1/4	154	21	8602B18	2	119	162
2	58.28	60x60	418.6	155	.0061	1-1/2	155	21	8602B19	2	138	191
2 1/2	69.43	60x60	645.6	155	.0061	1-1/4	156	21	8602B20	2	164	229
STAINLESS STEEL BODY with Stainless Steel Strainer Element and PTFE Seals												
3/8	1.80	60x60	14.8	250	.0098	1/4	232	103	86014	2	47	48
1/2	2.57	60x60	22.6	250	.0098	1/4	232	103	86015	2	51	58

Notes: ① 1/4" O.D. compression connection. Fittings are not supplied. To order, refer to List Price Schedule.
 ② See dimensions.
 ③ Other mesh sizes may be available; consult ASCO.

⑤ Where pressure exceeds 3.4 bar, it is advisable to use hose or tubing clamps.
 ⑥ Metal body strainers are rated for steam at 17 bar maximum pressure and 208°C maximum temperature.
 ⑦ UL recognized component.
 ⑧ Strainer supplied with FKM seal.

Dimensions: inches (mm)

