

For Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series 97FB-CSSIB Cast 316 Stainless Steel, Flanged, Basket Strainers, Bolted Cover

Sizes: 2" – 6" (50-150mm)

Series 97FB-CSSIB 316 Stainless Steel Flanged Basket Strainers feature an angle-designed basket, cast 316 stainless steel body with flanged connections, stainless steel screen, bolted retainer cap and stainless steel blow off plug.

Features

- Cast 316 stainless steel body
- Angle-designed basket
- Flanged connections
- Stainless steel screen
- Stainless steel retainer cap with PTFE gasket
- Blow-off plug

Models

97FB-CSSIB bolted screen retainer cover

Standards

The dimensions and drilling of flanges conform to ANSI B16.1, Class 125 and Class 150 flanges.

Pressure (Non-Shock)-Temperature

Model 97FB-CSSIB Maximum Working Pressure:
275psi (19.0 bar) at 100°F (38°C) WOG

Materials

Body: ASTM A-351 Grade CF8M
cast 316 stainless steel

Retainer Cap: ASTM A-351 Grade CF8M
cast 316 stainless steel

Screen: 304 perforated stainless steel

Cap Gasket: PTFE

Blow-off Plug: ASTM A-351 Grade CF8M
cast 316 stainless steel

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.



97B-CSSIB

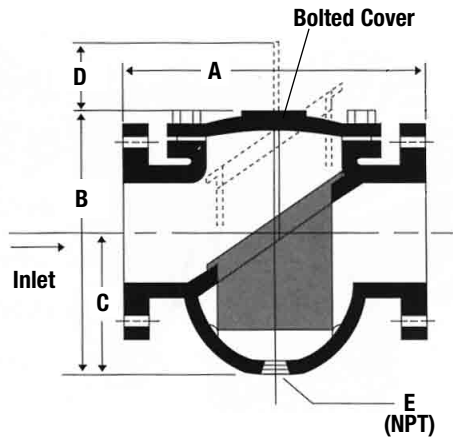
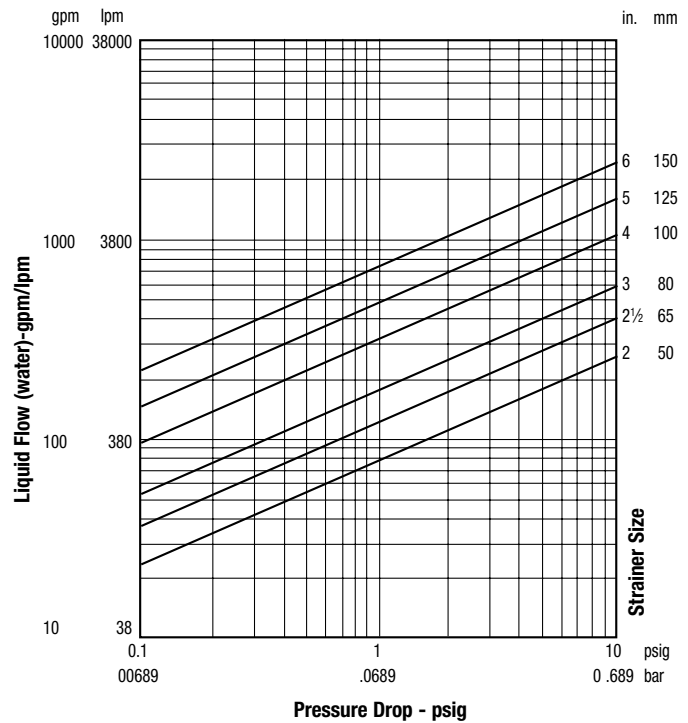
Standard Screens

SIZE		OPENINGS		STANDARD SCREENS
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	
2 - 3	50-80	0.045	1.143	3/64" 304SS perf.
4 - 6	100-150	0.0125	0.317	1/8" 304SS perf.

Consult factory for information and availability of flanged basket strainers manufactured of cast iron or bronze, and cast or fabricated steel. Also available are threaded 1/2" - 2" (15-50mm) cast iron, steel, and stainless steel basket strainers.

Performance Data

Table shows flow rates (gpm-water) at various pressure drops (psi) for standard screens.



Dimensions – Weights

SIZE		DIMENSIONS				REMOVAL CLEARANCE		WEIGHT			
<i>in.</i>	<i>mm</i>	A		B		C		D		E (NPT)	
		<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>
2	50	8 3/8	206	8 3/8	213	5	127	5 3/8	137	1	25
2 1/2	65	8 3/4	222	9 1/8	244	5 1/16	135	6 1/16	160	1	25
3	80	9 1/8	251	11 1/4	286	6 1/2	165	8	203	1	25
4	100	11 1/2	292	13 1/2	343	8	203	9 5/16	237	1	25
6	150	14 7/8	378	15 5/8	397	8 3/8	219	11 1/8	283	1 1/4	32

Dimensions shown are subject to change. Contact Watts for exact dimensions when required.



A Watts Water Technologies Company



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