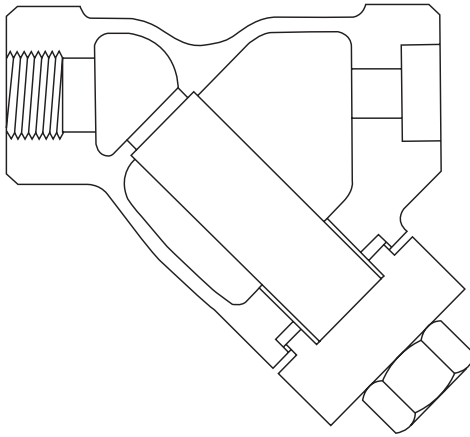


IFC Series Y600 and YI500 Cast Steel Threaded and Socket Weld Y-Strainers with Bolted Covers



Design Features:

- Strainers are available with threaded (N.P.T.) or socket weld inlet/outlet connections.
- Strainer body meets ASME B16.34.
- Threaded and socket weld end connections meet the requirements of table 4 of ASME B16.34.
- Strainers equipped with bolted cover flange that utilize a flat gasket seal.
- Bolted cover designed to meet the requirements of ASME Section VIII, Div. I, Appendix 2 and/or ASME B16.5.
- Upper and lower machined seats.
- 304 SS perforated screens are standard.
- Drain/Blow-off connections are optional. Please consult factory.
- Generous screen area and properly proportioned straining chamber to minimize initial pressure drop while maximizing time between cleanings.

Parts List and Standard Materials

Part	Carbon Steel	Chrome Molly	Stainless Steel
Body	A216-WCB	A217-WC6	A351-CF8M
Cover ²	A216-WCB	A217-WC6	A351-CF8M
Screen ¹	304 SS	304 SS	304 SS
Gasket ¹	304 SS Spiral Wound	304 SS Spiral Wound	304 SS Spiral Wound
Stud	A193-B7	A193-B7	A193-B8-1
Nut	A194-2H	A194-2H	A194-8

Notes: 1. Recommended Spares.

2. Materials of equivalent strength may be substituted at manufacturer's option.

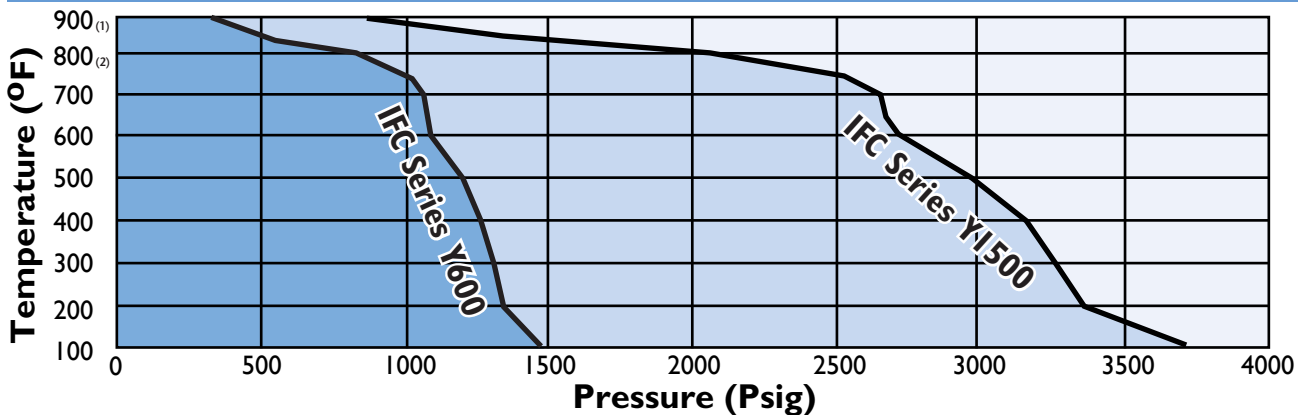
Upper Pressure Limits (Non-Shock)

IFC Model (Threaded)	Body Material	M.A.W.P. psig (Bars)
Y600TSB	WCB	1480 (102.04)
Y600TSSB	CF8M	1440 (99.28)
YI500TSB	WCB	3705 (255.45)
YI500T52CMB	WC6	3750 (258.55)
YI500TSSB	CF8M	3600 (248.21)

Lower Temperature Limits

Body Material	Lower Limit ;F (;C)
WCB, WC6, CF8M	-20 (-28.9)

Pressure Temperature Chart (in accordance with ASME B16.34, WCB)

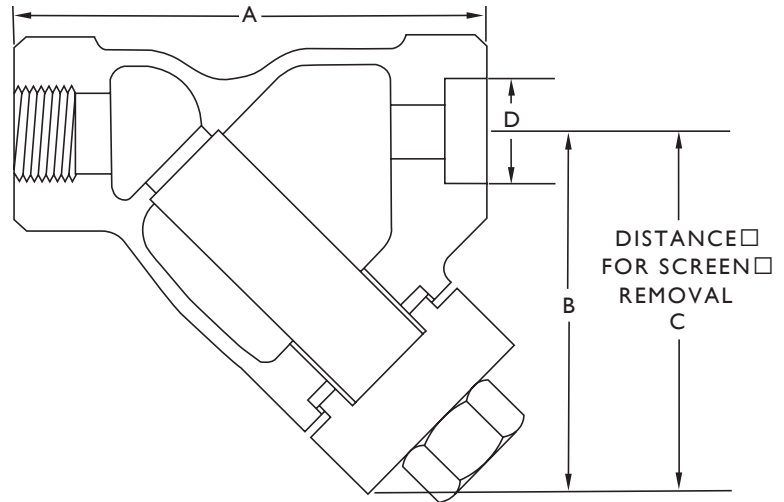


Notes: 1. Graphite filled 304 SS Spiral Wound gaskets limited to 900°F in an oxidizing atmosphere.

When operating strainers at higher temperatures please consult factory.

2. Upon prolonged exposure to temperatures above 800°F, the carbide phase of carbon steel may be converted to graphite.

Standard Screens	
Size range	Opening
1/2" - 1 1/2"	0.032 in.
15mm - 40mm	0.8 mm
2" - 3"	0.045 in.
50mm - 80mm	1.2 mm



Dimensional Data (Classes 600, 1500)										
Size in (mm)	A in (mm)		B in (mm)		C in (mm)		D in (mm)		Weight Lb. (Kg.)	
	Y600	Y1500	Y600	Y1500	Y600	Y1500	Y600	Y1500	Y600	Y1500
1/2"	-	3.94	-	3.00	-	4.25	-	0.855	-	7
15	-	100	-	76	-	108	-	21.72	-	3.2
3/4"	-	4.25	-	3.50	-	5.00	-	1.065	-	10
20	-	108	-	89	-	127	-	27.05	-	4.5
1"	-	5.00	-	4.50	-	5.63	-	1.330	-	16
25	-	127	-	114	-	143	-	33.78	-	7.3
1 1/4"	-	8.38	-	6.19	-	8.63	-	1.675	-	22
32	-	213	-	157	-	219	-	42.55	-	10
1 1/2"	-	8.38	-	6.19	-	8.63	-	1.915	-	22
40	-	213	-	157	-	219	-	48.64	-	10
2"	-	9.38	-	7.19	-	10.00	-	2.406	-	30
50	-	238	-	183	-	254	-	61.11	-	13.6
2 1/2"	14.50	-	9.13	-	10.38	-	2.906	-	63	-
65	394	-	232	-	264	-	74	-	29	-
3"	15.63	-	10.13	-	11.38	-	3.535	-	77	-
80	397	-	257	-	289	-	90	-	35	-

- Notes:**
- IFC Series Y600 strainers are supplied with a 1" FN.P.T. drain.
 - Drain/Blow-off connections are optional on IFC Series Y1500 strainers.
 - Strainers constructed from A216-WC6 are available in IFC Series Y1500 sizes 1 1/4", 1 1/2" and 2" only.

General:

- For further optional features see page 19.
- Other perforations and screen materials available. Please see page 20.
- For pressure loss information see page 21 and 23.
- For ordering information please see page 30.
- Dimensions shown are subject to change. Contact factory for certified prints when required.