

Strainer / Filters

Manufacturers of Y Strainer, Duplex Strainer, Simplex Strainer, Basket Strainer, Pot Strainer, PTFE Lined Y Strainer and Y Type Strainer.

Y Strainer - Bolted Cover - Flanged Ends



1) Size Range : Casted 1" (DN25) to 12" (DN 300), Fabricated 2" (DN50) to 24" (DN 600)

2) Design Standard : ASME B 16.34 / ASME Sec. VII - Div. 1

3) Inspection & Testing Standard : BS EN ISO 12266 - I (BS 6755 - I) / API 598

4) Flange To Flange Distance : DIN EN 558-1 / Mfg. Std.

5) End Connection : Flanged End to ANSI B 16.5, Class 150 / 300 / 600, BS 10 Table D / E / F / H, PN 6 / PN 10 / PN 16 / PN 25 / PN 40 / PN 64, DIN Standard / JIS Standard / IS Standard

6) Pressure Rating : 150# / 300# / 600# / 800# / PN (10 / 16 / 25 / 40 / 64)

7) Body & Cover : ASTM A 126 GR. B / IS 210 GR. FG 200/220/260 (Cast Iron) / Ductile Iron / Nodular C.I., ASTM A 216 GR. WCB (Cast Carbon Steel), ASTM A 351 GR. CF 8 / CF 8M (SS 304 / SS 316), ASTM A 351 GR. CF 3 / CF 3M (SS 304L / SS 316L), Duplex Steel / Super Duplex Steel, Other metals on request., **Fabricated from Pipes and Plates of various metals.**

8) Mesh / Filter Element : ASTM A 276 T - 304 / 316 (SS 304 / SS 316), ASTM A 276 T - 304L / 316L (SS 304L / SS 316L), Brass / Alloy 20, Duplex Steel / Super Duplex Steel

9) Gasket : SS 304/316 Spiral Wound with CAF/Graphite Filled, Graphited Asbestos wire based, CAF-Compressed Asbestos Fibre, Graphite Tensed.

• Y Strainer - Screwed Ends



- 1) Size Range : 1/2" (DN15) to 4" (DN 100)
- 2) Design Standard : ASME B 16.34 / ASME Sec. VII - Div. 1
- 3) Inspection & Testing Standard : BS EN ISO 12266 - I (BS 6755 - I) / API 598
- 4) Flange To Flange Distance : DIN EN 558-1 / Mfg. Std.
- 5) End Connection : Screwed - Threaded End to ANSI B 1.20.1, Socket Weld End to ANSI B 16.11, Butt Weld End to ANSI B 16.25
- 6) Pressure Rating : 150# / 300# / 600# / 800# / PN (10 / 16 / 25 / 40 / 64)
- 7) Body & Cover : ASTM A 216 GR. WCB (Cast Carbon Steel), ASTM A 351 GR. CF 8 / CF 8M (SS 304 / SS 316), ASTM A 351 GR. CF 3 / CF 3M (SS 304L / SS 316L), Duplex Steel / Super Duplex Steel, Other metals on request.
- 8) Mesh / Filter Element : ASTM A 276 T - 304 / 316 (SS 304 / SS 316), ASTM A 276 T - 304L / 316L (SS 304L / SS 316L), Brass / Alloy 20, Duplex Steel / Super Duplex Steel
- 9) Gasket : SS 304/316 Spiral Wound with CAF/Graphite Filled, Graphited Asbestos wire based, CAF - Compressed Asbestos Fibre, Graphite Tensed Gasket, PTFE

• Duplex Strainer - Fabricated Body Basket Strainer



- 1) Size Range : Fabricated 1" (DN25) to 24"(DN 600)
- 2) Design Standard : ASME Sec. VII - Div. 1
- 3) Inspection & Testing Standard : BS EN ISO 12266-I (BS 6755-I) / API 598
- 4) Flange To Flange Distance : DIN EN 558-1 / Mfg. Std.
- 5) End Connection : Flanged End to ANSI B 16.5, Class 150 / 300 / 600, BS 10 Table D / E / F / H, PN 6 / PN 10 / PN 16 / PN 25 / PN 40 / PN 64, DIN Standard / JIS Standard / IS Standard, Butt Weld End to ANSI B 16.25
- 6) Pressure Rating : 150# / 300#, PN (10 / 16 / 25 / 40 / 64)
- 7) Body Shell, Flanges & Cover : Fabricated from Pipes and Plates of various metals like Carbon Steel ERW Pipe, Carbon Steel Seamless Pipe, Low Temperature Carbon Steel Pipe, Carbon Steel Plate, Forged Carbon Steel, Pipe and Plates of Stainless Steel (304/316/304L/316L), Duplex Steel Pipes and Plates.
- 8) Mesh / Filter Element : ASTM A 276 T - 304 / 316 (SS 304 / SS 316), ASTM A 276 T - 304L / 316L (SS 304L / SS 316L), Brass / Alloy 20, Duplex Steel / Super Duplex Steel
- 9) Gasket : SS 304/316 Spiral Wound with CAF/Graphite Filled, Graphited Asbestos wire based, CAF-Compressed Asbestos Fibre, Graphite Tensed Gasket, PTFE
- 10) Bolts / Stud & Nuts : ASTM A 193 GR. B7 / A 194 GR. 2H, S.S. 304 / 316 / 304L / 316L

• **Simplex Strainer - Fabricated Body Basket Strainer**



- 1) Size Range : Fabricated 1" (DN25) to 24"(DN 600)
- 2) Design Standard : ASME Sec. VII - Div. 1
- 3) Inspection & Testing Standard : BS EN ISO 12266-I (BS 6755-I) / API 598
- 4) Flange To Flange Distance : DIN EN 558-1 / Mfg. Std.
- 5) End Connection : Flanged End to ANSI B 16.5, Class 150 / 300 / 600, BS 10 Table D / E / F / H, PN 6 / PN 10 / PN 16 / PN 25 / PN 40 / PN 64, DIN Standard / JIS Standard / IS Standard, Butt Weld End to ANSI B 16.25
- 6) Pressure Rating : 150# / 300#, PN (10 / 16 / 25 / 40 / 64)
- 7) Body Shell, Flanges & Cover : Fabricated from Pipes and Plates of various metals like Carbon Steel ERW Pipe, Carbon Steel Seamless Pipe, Low Temperature Carbon Steel Pipe, Carbon Steel Plate, Forged Carbon Steel, Pipe and Plates of Stainless Steel (304/316/304L/316L), Duplex Steel Pipes and Plates.
- 8) Mesh / Filter Element : ASTM A 276 T - 304 / 316 (SS 304 / SS 316), ASTM A 276 T - 304L / 316L (SS 304L / SS 316L), Brass / Alloy 20, Duplex Steel / Super Duplex Steel
- 9) Gasket : SS 304/316 Spiral Wound with CAF/Graphite Filled, Graphited Asbestos wire based, CAF-Compressed Asbestos Fibre, Graphite Tensed Gasket, PTFE
- 10) Bolts / Stud & Nuts : ASTM A 193 GR. B7 / A 194 GR. 2H, S.S. 304 / 316 / 304L / 316L

• **Pot Strainer - Cast Body Basket Strainer**



1) Size Range : Casted Body 1"

(DN25) to 8 "(DN 200), Above 200 mm on

Request

2) Design Standard : ASME B 16.34

3) Inspection & Testing Standard : BS EN ISO 12266-I (BS 6755-I) / API 598

4) Flange To Flange Distance : Mfg. Std.

5) End Connection : Flanged End to ANSI B 16.5, Class 150 / 300 / 600, BS 10 Table D / E / F / H, PN 6 / PN 10 / PN 16 / PN 25 / PN 40 / PN 64, DIN Standard / JIS Standard / IS Standard

6) Pressure Rating : 150#, PN (10 / 16 / 25)

7) Body & Cover : ASTM A 126 GR. B / IS 210 GR. FG 200/220/260 (Cast Iron) / Ductile Iron / Nodular C.I., ASTM A 216 GR. WCB (Cast Carbon Steel), ASTM A 351 GR. CF 8 / CF 8M (SS 304 / SS 316), ASTM A 351 GR. CF 3 / CF 3M (SS 304L / SS 316L), Duplex Steel / Super Duplex Steel, Other metals on request.

8) Mesh / Filter Element : ASTM A 276 T - 304 / 316 (SS 304 / SS 316), ASTM A 276 T - 304L / 316L (SS 304L / SS 316L), Brass / Alloy 20, Duplex Steel / Super Duplex Steel

9) Gasket : SS 304/316 Spiral Wound with CAF/Graphite Filled, Graphited Asbestos wire based, CAF-Compressed Asbestos Fibre, Graphite Tensed Gasket, PTFE

10) Bolts / Stud & Nuts : ASTM A 193 GR. B7 / A 194 GR. 2H, S.S. 304 / 316 / 304L / 316L

PTFE Lined Y Strainer - Flanged Ends



PTFE Lined Y Strainer - Flanged Ends

- 1) Design and Testing Standard : As per Manufacturer's Standard
- 2) Size Range : 25 mm to 200 mm
- 3) Flange : As per ANSI B16.5 / B16.42
- 4) Drilling : ASA #150 /DIN 2632/33 / BS 10 TABLE D, E, F
- 5) Face to Face : As per Manufacturer's Standard
- 6) Lining Thickness : 3 to 5 mm
- 7) Body M.O.C. : Ductile Iron GGG40.3 / ASTM A395,
ASTM A216 Gr.WCB
- 8) Filter Element / Drain Plug : PTFE
- 9) Degree of Filtration : Ø1mm Perforated PTFE Filter
- 10) Lining Material Options : PFA, FEP, PVDF
- 11) Test and Inspection : Hydraulic Test : Body (Shell) 20 Kg/Cm
- 12) Spark Test (Lined Flanges) : 15 K.V.D.C.
- 13) Design Options : Y' Type Strainer With Drain Ball Valve,
'T' Type Strainer

Cast Steel

Basket /