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1053 Bronze Y-Type Strainer (Screwed) I.B.R

Salient Features

- Screwed Female Ends to BSPT.
- Stainless Steel (S.S 304) Ø1 mm perforated sheet screen is guided in the body and cover.
- Fine finish and smooth contours reduce pressure drop in the strainer.
- Large screening area makes the strainer efficient in performance.

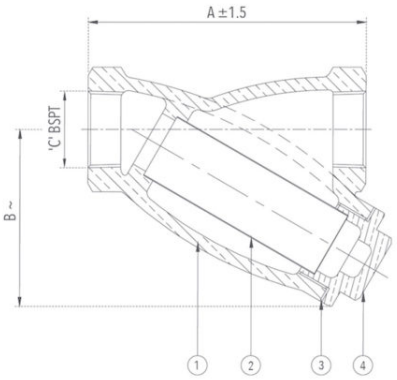


Test Pressure (Hydrostatic) :
Shell : 35.15 kg/cm²g (500 psig)
Working Pressure (Steam) : 17.58 kg/cm²g (250 psig)
Maximum Working Temperature : 225°C

Suitable For
Steam, Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Body	Bronze	IBR 282 (a) (iv) Gr. B	1
2	Screen (Ø1 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
4	Cover	Bronze	IBR 282 (a) (iv) Gr. B	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~	C
1/2	15	76	56	1/2″
3/4	20	98	67	3/4″
1	25	133	97	1″
1 1/4	32	152	108	1 1/4″
1 1/2	40	178	116	1 1/2″
2	50	222	140	2″

~ ±10

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1054 Bronze Y-Type Strainer (Flanged) I.B.R

Salient Features

- Flanged Ends to BS 10 Table 'H'.
- Stainless Steel (S.S 304) Ø1 mm perforated sheet screen is guided in the body and cover.
- Fine finish and smooth contours reduce pressure drop in the strainer.
- Large screening area makes the strainer efficient in performance.

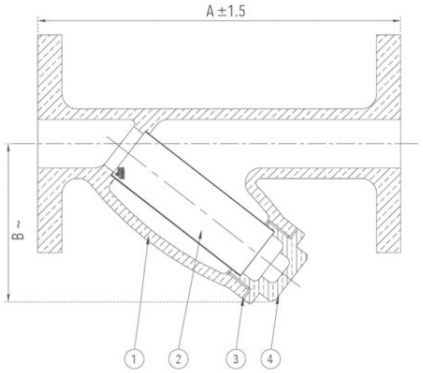


Test Pressure (Hydrostatic) :
Shell : 35.15 kg/cm²g (500 psig)
Working Pressure (Steam) : 17.58 kg/cm²g (250 psig)
Maximum Working Temperature : 225°C

Suitable For
Steam, Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Body	Bronze	IBR 282 (a) (iv) Gr. B	1
2	Screen (Ø1 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
4	Cover	Bronze	IBR 282 (a) (iv) Gr. B	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~
1/2	15	136	68
3/4	20	140	85
1	25	162	110
1 1/4	32	178	120
1 1/2	40	203	145
2	50	203	188

~ ±10

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1069 Cast Iron Y-Type Strainer (Screwed) I.B.R

Salient Features

- Screwed Female Ends to BSPT.
- Stainless Steel (S.S 304) perforated sheet screen (Ø1 mm Perforation) is guided in body and bonnet.
- Fine finish and smooth contours to minimize pressure drop inside the strainer.
- Large screening area makes the strainer highly efficient in performance.

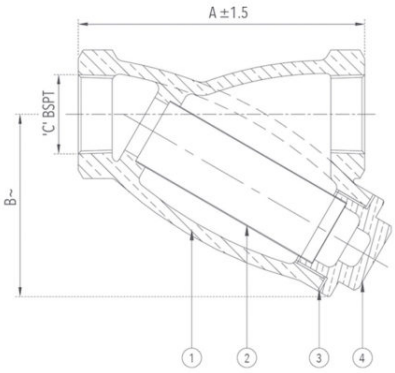


Test Pressure (Hydrostatic) :
Shell : 21.10 kg/cm²g (300 psig)
Working Pressure (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Iron	IBR 86-93 Gr. A	1
2	Screen (Ø1 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
4	Cover	Cast Iron	IBR 86-93 Gr. A	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~	C
1/2	15	76	71	1/2″
3/4	20	98	85	3/4″
1	25	133	95	1″
1 1/4	32	155	110	1 1/4″
1 1/2	40	178	116	1 1/2″
2	50	222	140	2″

~ ±10

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1070 Cast Iron Y-Type Strainer (Flanged) I.B.R

Salient Features

- Flanged Ends to BS 10 Table 'F'.
- Stainless Steel (S.S 304) perforated sheet screen (Ø1 mm Perforation) is guided in body and cover.
- Drain Plug is provided to remove the accumulated foreign particles.
- Fine finish and smooth contours to minimize pressure drop inside the strainer.
- Large screening area makes the strainer extremely efficient in performance.

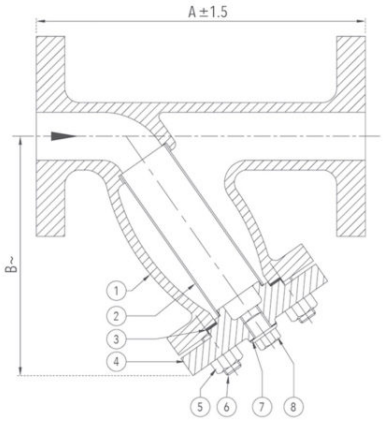


Test Pressure (Hydrostatic) :
Shell : 21.10 kg/cm²g (300 psig)
Working Pressure (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Iron	IBR 86-93 Gr. A	1
2	Screen (Ø1 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
4	Cover	Cast Iron	IBR 86-93 Gr. A	1
5	Nuts	Carbon Steel	IS 1367	As Reqd.
6	Studs	Carbon Steel	IS 1367	As Reqd.
7	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
8	Plug	Bronze	IBR 282 (a) (iv) Gr. B	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~
1/2	15	136	87
3/4	20	140	88
1	25	162	112
1 1/4	32	185	135
1 1/2	40	206	152
2	50	210	205
2 1/2	65	248	250
3	80	270	268
4	100	381	290

~ ±10

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1073 Cast Steel Y-Type Strainer (Flanged) I.B.R

Salient Features

- Flanged Ends to BS 10 Table 'J'.
- Stainless Steel (S.S 304) perforated sheet screen (Ø1 mm Perforation) is guided in body and cover.
- Drain Plug to remove the accumulated foreign particles.
- Fine finish and smooth contours to minimize pressure drop inside the strainer.
- Large screening area makes the strainer more efficient.
- Suitable for thermic fluid application also.

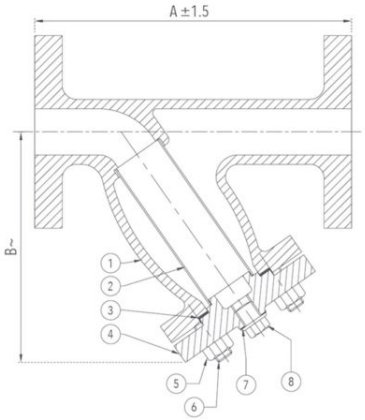


Test Pressure (Hydrostatic) : 49 kg/cm²g (700 psig)
Maximum Working Pressure (Steam) : 24.60 kg/cm²g (350 psig)
Maximum Working Temperature : 425°C

Suitable For
Steam, Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Steel	IBR 73 – 80 Gr. B	1
2	Screen (Ø1 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
4	Bonnet	Cast Steel	IBR 73-80 Gr. B	1
5	Nuts	H.T Steel	ASTM A 194 Gr. 2H	As Reqd
6	Studs	Alloy Steel	ASTM A 193 Gr. B7	As Reqd
7	Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3	1
8	Plug	Bronze	IS 318 Gr. LTB2	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~
1	25	181	135
1 1/4	32	222	170
1 1/2	40	260	200
2	50	276	225
2 1/2	65	286	250
3	80	296	280
4	100	403	312
6	150	476	364

~ ±10

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1084 Cast Iron Y-Type Strainer PN 10 (Flanged)

Salient Features

- Flanged Ends to BS 10 Table 'F'.
- Stainless Steel (S.S 304) perforated sheet screen (Ø3 mm Perforation) is guided in body and cover.
- Large screening area makes the strainer efficient in performance.
- Minimum pressure drop inside the body due to streamlined body contours.

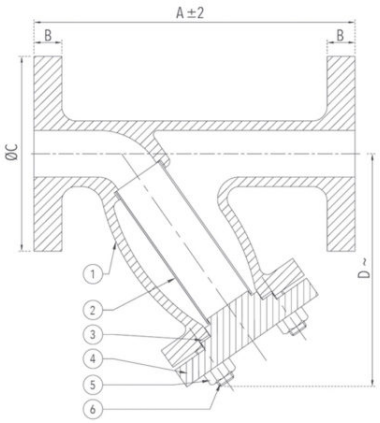


Test Pressure (Hydrostatic) :
Shell : 15 kg/cm²g (220 psig)
Maximum Working Pressure : 10 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Iron	IS 210 Gr. FG 200	1
2	Screen (Ø3 mm Perforation)	Stainless Steel	Type 304	1
3	Gasket	Rubber	IS 638 Type B	1
4	Bonnet	Cast Iron	IS 210 Gr. FG 200	1
5	Nuts	Carbon Steel	– – –	As Reqd.
6	Studs	Carbon Steel	– – –	As Reqd.



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	B +3	ØC +3	D ~
1 1/2	40	165	16	140	152
2	50	180	19	165	175
2 1/2	65	206	19	184.5	180
3	80	260	19	203.2	238
4	100	295	22.2	228.6	250
5	125	385	25.4	279.4	320
6	150	385	25.4	305	320
8	200	525	28.6	368.3	395
10	250	700	28.6	431.8	515
12	300	750	31.8	489	570
14	350	850	35	552.5	620

~ ±10
Note : Strainers are also available with Magnet at a nominal extra cost.

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