

## C-24 Cast Iron Ball Float Steam Trap Horizontal Type, Screwed

### Description

- Cast Iron Ball Float Steam Trap, Horizontal Type
- Side Inlet & Side outlet with 18/8% Cr. /Ni. Stainless Steel (AISI-304) Ball
- Screwed BSP Female Ends

### Test Pressure

Body : 370 PSIG Hyd.

Max. Working Pressure : 185 PSIG Steam

Max. Working Temperature : 220°C

### Design Features

- No Steam loss because of self aligning main valve and water seal.
- Works efficiently on both light & heavy condensate loads.
- It operates by sensing the difference in density between steam & condensate.
- Equipped with stainless steel wear & corrosion resistant float, lever valve and seat systems for a long & problem free operation.
- Not affected by wide & sudden fluctuations of pressure or flow rate.
- Robust construction to guarantee long life against water hammer & vibration.
- Integral air vent to ensure rapid warm-up of plant.



### Certification

IBR Test Certificate in form III-C duly signed by the Director of Boilers, Punjab is provided.

### Application : Steam

**HSN : 84818010**

### Materials

PNo.	Part	Nos.	Material	Standard
1	Spindle	1	S.S. 18/8% Cr. / Ni.	AISI-304
2	Air Vent Gland	1	Bronze	IBR 282 (a)(iv) Gr.B
3	Stuffing Box	1	S.S. 18/8% Cr. / Ni.	AISI-304
4	Washer	1	Copper / Carbon Filled Teflon (PTFE)	-
5	Body	1	C.I.	IBR86 to 93 Gr.A
6	Gasket	1	C.A.F.	IS:2712
7	Valve Bracket	1	S.S. 18/8% Cr. / Ni.	ASTM A351 CF-8
8	Bolts	4	M.S.	IS:1367
9	Ball Float Lever Rod	1	S.S. 18/8% Cr. / Ni.	AISI-304
10	Ball Bush	1	S.S. 18/8% Cr. / Ni.	AISI-304
11	Ball	1	S.S. 18/8% Cr. / Ni.	AISI-304
12	Bolts & Nuts	4	M.S.	IS:1367
13	Air Vent Valve Seat	1	S.S. 18/8% Cr. / Ni.	AISI-304
14	Pin	1	M.S.	IS:1367
15	Float Chamber	1	C.I.	IBR86 to 93 Gr.A
16	Gasket	1	C.A.F.	IS:2712
17	Main Valve Seat	1	S.S. 18/8% Cr. / Ni.	AISI-304
18	Main Valve Lever	1	S.S. 18/8% Cr. / Ni.	ASTM A351 CF-8
19	Check Nut	2	S.S. 18/8% Cr. / Ni.	AISI-304

### Dimensions

Nominal Size (Inches)	Nominal Size (mm)	C	D	E
1	25	133	1" BSP	196



Nominal Size (Inches)	Nominal Size (mm)	C	D	E
1.1/2	40	270	1.1/2" BSP	270
2	50	300	2" BSP	270

