



DBF-10S,10F Ball Float Type Steam Trap

This is a lever float type steam trap that can be used where pressure is high and where a large volume of condensate is generated, such as heat exchangers, room heating and water heating facilities, and air-conditioning and heating facilities.

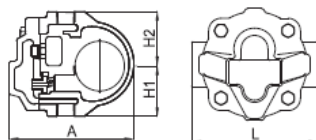


DBF-10S

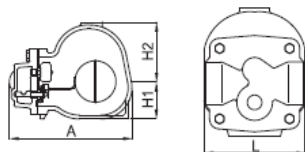


DBF-10F

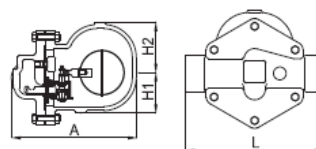
Dimension drawing



15, 20A



25, 32A



40, 50A

Features

- Outstanding performance in continuous discharge, regardless of load fluctuations of condensate.
- Built-in automatic Air Vent ensuring no air binding.
- Easy repair and inspections : simply remove the cover for repair and inspections. The floatThe float assembly is attached to the cover.

Specifications

Type	DBF-10S	DBF-10F
Applicable pressure	4.5, 10, 14kgf/cm ²	
Applicable temperature	220℃ below	
End connection	PT SCREW	PN16 RF FLANGE
Materials	Body	GCD 450
	Seat	STS
	Float, lever	STS
	Air vent	STS
Hydraulic test pressure	1.5 times of applicable flange rating	

Maximum applicable differential pressure

Type	Differential pressure (kgf/cm ²)
DBF-10(4.5)	4.5
DBF-10(10)	10
DBF-10(14)	14

Dimensions (The dimensions in parenthesis are for DBF-10F)

Size	A	H1	H2	L	Weight(kg)
15(1/2")	147	61	61	122(150)	2.9
20(3/4")	147	61	61	122(150)	2.9
25(1")	223	67.5	108	122(160)	6.8
32(1-1/4")	238	67.5	108	160(230)	7.2
40(1-1/2")	285	80.5	125.5	270(230)	17.5
50(2")	295	80.5	129	300(230)	22.0

Flow curve

