

TF-1,2

Bucket	Float	Disc	Bellows
Bimetal	Wafer	By-pass	Stainless steel
Connector	Side to side	Down to Up	Up to Down

■Features

1. The stainless steel valve disc and valve seat offer excellent durability (TF-2).
2. Built-in air vent prevents air-binding problem, offering higher durability.
3. Reliable performance and large discharge capacity ensured by lever float system.

■Specifications

Model	TF-1	TF-2	
Application	Steam condensate		
Working pressure	0.01-0.3 MPa	0.01-0.7 MPa	
Max. temperature	150°C	170°C	
Material	Ductile cast iron		
	Body		
	Valve, valve seat	Brass	Stainless steel
	Float	Brass	Stainless steel
Connection	JIS 10K RF flanged	JIS Rc screwed	

■Dimensions (mm) and Weights (kg)

• TF-1

Nominal size	L	H	H ₁	H ₂	Weight
65A	680	530	260	100	84
80A	680	530	260	100	84

·H₁ and H are reference values.

• TF-2

Nominal size	d	L	H	H ₁	H ₂	Weight
15A	Rc 1/2	257	252	122	42	13.3
20A	Rc 3/4	257	252	122	42	13.3
25A	Rc 1	290	266	122	42	15.5
32A	Rc 1-1/4	290	266	122	42	15.5
40A	Rc 1-1/2	335	310	159	45	19.2
50A	Rc 2	335	310	159	45	19.2

·H₁ H₂ and H are reference values.

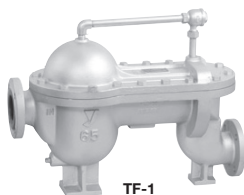
■Maximum Continuous Discharge Capacity

(L/h)

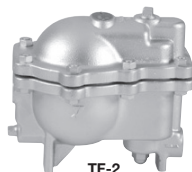
• TF-1

Nominal size	Working differential pressure MPa					
	0.05	0.10	0.15	0.20	0.25	0.30
65A	6,500	8,700	10,000	11,000	13,000	13,000
80A	6,500	8,700	10,000	11,000	13,000	13,000

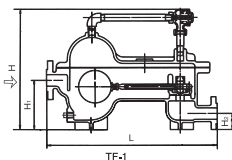
· The discharge capacities shown in the table and chart are the maximum values. In designing a system, select a steam trap with a sufficient safety factor (three times to five times the regular level).



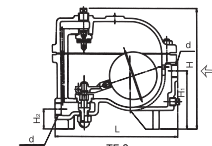
TF-1



TF-2

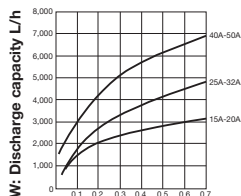


TF-1



TF-2

• TF-2



ΔP: Working differential pressure MPa

· In general, select a steam trap with a safety factor twice or threefold the regular level.