

# TB-20, 20F

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



TB-20



TB-20F

5

Steam Trap/Air Trap

## ■ Features

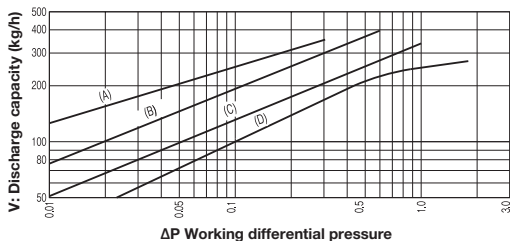
1. Excellent durability ensured by unique internal structure (hemispherical valve, etc).
2. The upper plug is made of stainless steel, and is excellent in wear resistance.
3. Reliable performance due to all stainless steel made internal parts and the unique internal structure.
4. Super energy saving since intermittent operation removes air adiabatic wall in the heat exchanger and increases heat efficiency considerably.

## ■ Specifications

Model		TB-20	TB-20F	
Nominal size			15A, 20A, 25A	
Connection		JIS Rc screwed	JIS 20K FF flanged	JIS 10K FF flanged
Application			Steam condensate	
Maximum pressure		2.0 MPa		1.0 MPa
Max. differential pressure	(A)		0.3 MPa	
	(B)		0.6 MPa	
	(C)		1.0 MPa	
	(D)	1.6 MPa		—
Max. temperature		220°C		
Material	Body	Ductile cast iron		
	Valve	Stainless steel (heat treated)		
	Valve seat	Stainless steel (heat treated)		

· Available with ASME and EN flanged.

## ■ Discharge Capacity Chart



- The discharge capacity shown here is a continuous discharge capacity at the indicated differential pressure.
- In general, select a steam trap with a safety factor twice or threefold the regular level.

## ■ Dimensions (mm) and Weights (kg)

### · TB-20

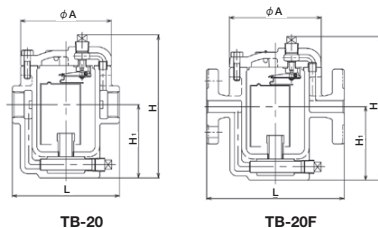
Nominal size	L	H	H <sub>1</sub>	A	Weight
15A	136	183	94	117	4.3
20A					5.4
25A					6.3

### · TB-20F

Nominal size	L	H	H <sub>1</sub>	A	Weight
15A	175	183	94	117	5.4
20A					6.0
25A					6.3

· The dimensions of the product with JIS 10K FF flanged and the product with JIS 20K FF flanged are identical.

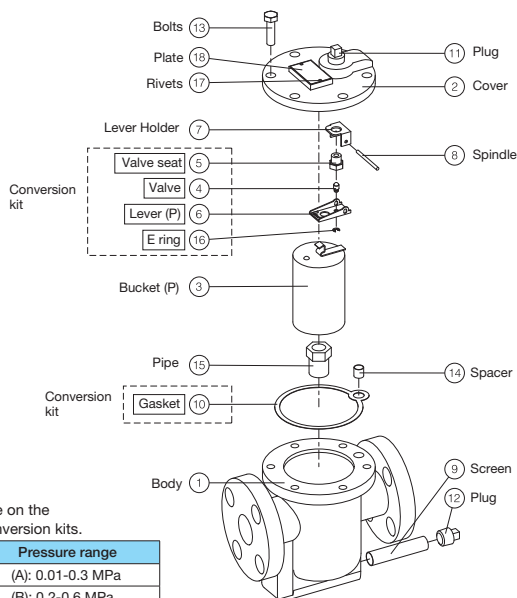
· The thickness of JIS 10K FF flanges conforms to that of JIS 20K FF flanges.



TB-20

TB-20F

## ■ Exploded View



Refer to below table on the number of each conversion kits.

No.	Pressure range
K-93070	(A): 0.01-0.3 MPa
K-93071	(B): 0.2-0.6 MPa
K-93072	(C): 0.3-1.0 MPa
K-93073	(D): 0.6-1.6 MPa

\* Parts names shown in the boxes are consumable parts.