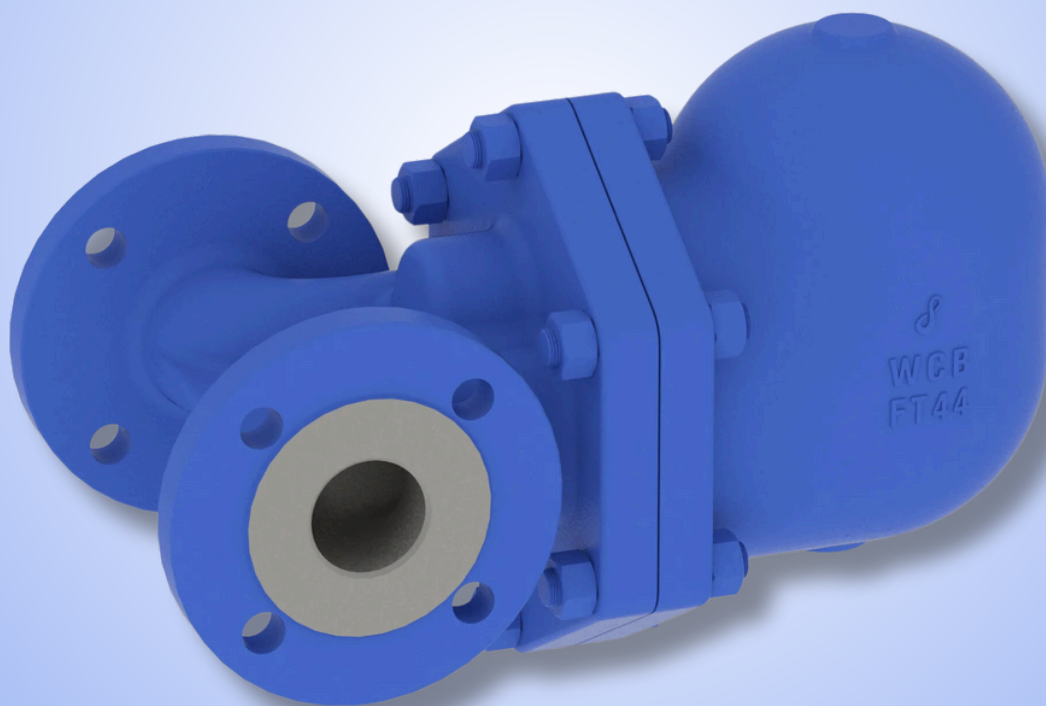


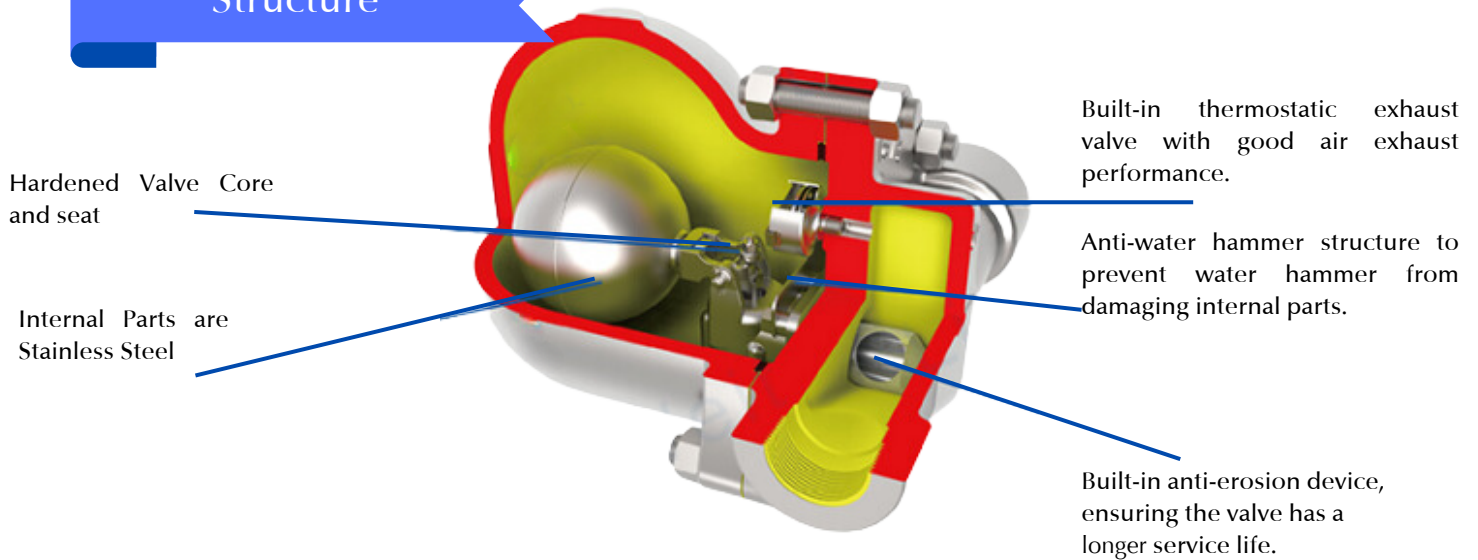
BALL FLOAT STEAM TRAP



Designed and made as
per
GERMAN Standard

BALL FLOAT STEAM TRAP

Structure

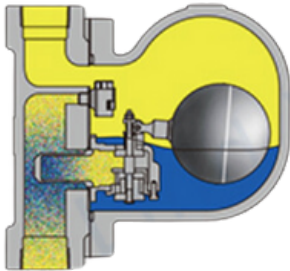


Features

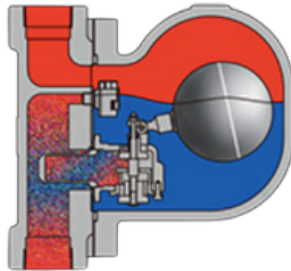
- Suitable for recycling systems.
- Internal parts are stainless steel.
- Anti-hammer structure and built-in anti-erosion device,
- Can adapt to high and low load changes, not affected by pressure changes.
- Stable double-seat design prevents loss Of water seal caused by floating ball shaking.
- Continuous discharge of condensate at saturated steam temperature with large displacement.
- Equipped with a new type of automatic exhaust valve, a large amount of air and non-condensable
- gas can be quickly discharged when the machine is started.

BALL FLOAT STEAM TRAP

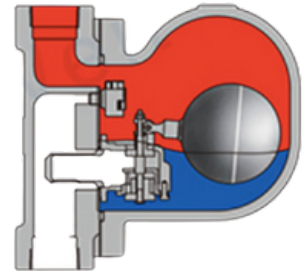
Working Principle



On start-up, the low-temperature condensed water and air are discharged through the open thermostatic exhaust valve. Then, as high temperature condensate and steam enters, the thermostatic exhaust valve closes, preventing the steam from passing through.



When the condensate reaches the trap and forms a water seal, the float rises and the valve opens. Condensate is discharged at saturated temperature under the action of pressure difference.

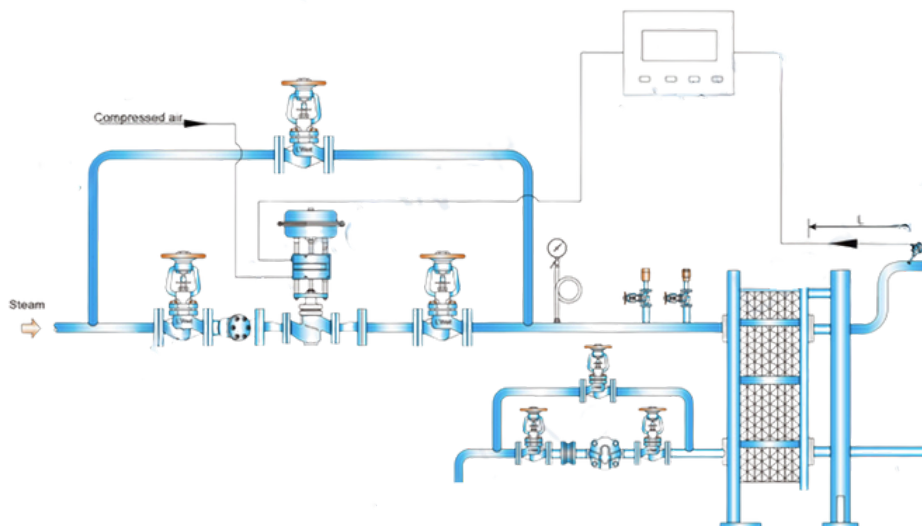


When steam reaches the trap, the condensate level drops, the float sinks, and the valve closes.

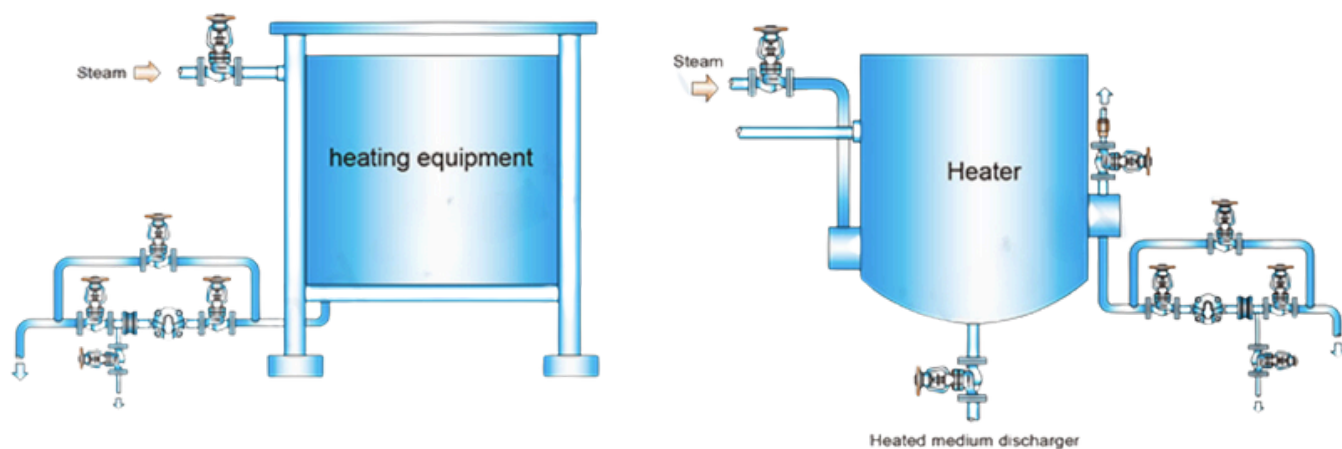
Typical application

The FT series is usually used in steam main lines, HVAC process equipment and industrial sectors.

Ball Float steam traps have good air discharge capability and are suitable for heaters, heat exchangers and other process equipment that require heating.



BALL FLOAT STEAM TRAP



Operating Range

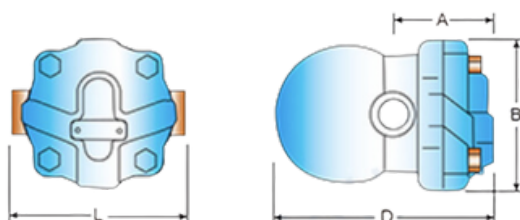
Model	SKLFT212, SKLFT218, SKLFT218HC	SKLFT218SHC
Max. operating pressure (PMO)	14bar	32bar
Max. operating temperature (TMO)	300 C	300 C
Max. allowable operating temperature (TMA)	220 C @14bar	240 C @32bar

Size and connection type

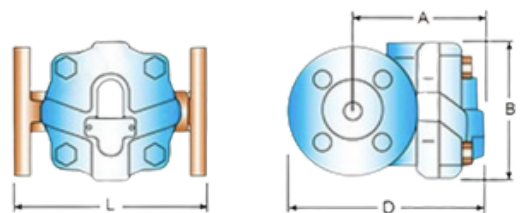
Model	SKLFT212	SKLFT218	SKLFT218HC	SKLFT218SHC
Size	15,20,25	40,50,80,100	65,80	80,100
Connection type	- Flanged (DIN,ASME), - Screwed (BSP,NPT)			PN40 flanged

BALL FLOAT STEAM TRAP

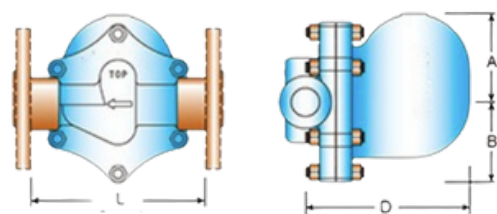
Approximate dimensions/weights (mm/kg)



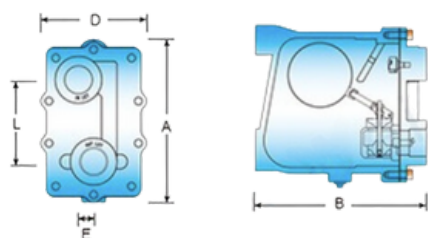
SKLFT212 Ball float Steam Trap						
Size(DN)	Connection Type	A	B	L	D	Weight
15	Screwed	70	110	120	150	3.4
20	Screwed	70	110	120	150	3.4
25	Screwed	80	110	145	170	4.4



SKLFT212 Ball Float Steam Trap						
Size(DN)	Connection Type	A	B	L	D	Weight
15	Flanged	100	110	150	160	6.2
20	Flanged	100	110	150	170	6.2
25	Flanged	70	120	160	170	6.8



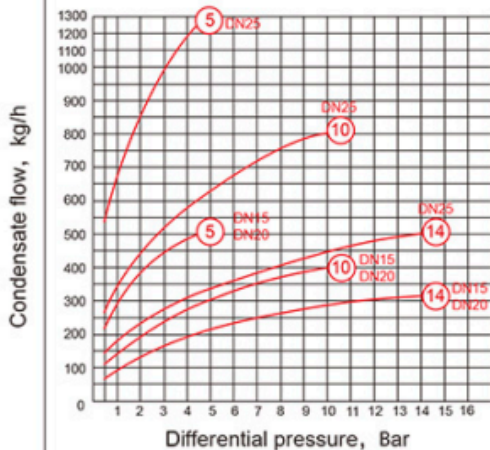
SKLFT212 Ball Float Steam Trap						
Size(DN)	Connection Type	A	B	L	D	Weight
15	Flanged	100	110	150	160	6.2
20	Flanged	100	110	150	170	6.2
25	Flanged	70	120	160	170	6.8



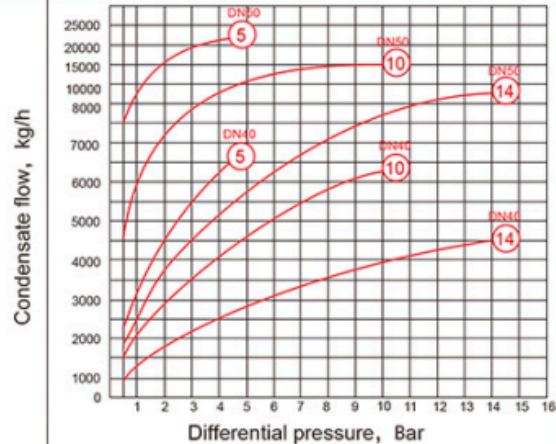
SKLFT218HC Ball Float Steam Trap							
Size(DN)	Connection Type	A	B	L	D	E	Weight
65	Screwed	370	403	185	241	35	68

BALL FLOAT STEAM TRAP

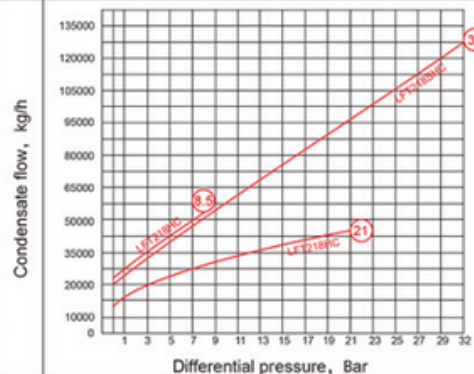
Capacities for SKLFT212 ball float Steam Trap



Capacities for SKLFT218 ball float Steam Trap



Capacities for SKLFT218HC, SKLFT218SHCBall float Steam Trap



Please ask the manufacturer for special Sizes and condensate flows.

Please provide the following information when ordering:

1. pressure, back pressure
2. Operating temperature
3. Flow
4. Size
5. Type of connection

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