

SK-55L

FLOAT TYPE STEAM TRAP

GENERAL FEATURES

SK 55L Float Steam Trap is used for discharging the condensate by a mechanical float system. When the system starts up, thermostatic air vent is activated and discharges the air in the system. After this process, incoming steam will close the air vent. However when condensate reaches the steam trap, the float rises and opens the main valve and discharges the condensate. As soon as the condensate discharge is completed and the steam reached into the trap, the float goes down and closes the valve.

Installation:

SK-55L can be used vertically as the inlet to stay up the top and the outlet to remain at the bottom. It can also be installed horizontally from right to the left or opposite way. If it is not indicated differently in the order sheet, it will be assumed as right to the left. Will be assumed as right to the left.

Product Features:

Body: Ductile Iron GGG 40

Cover: Ductile Iron GGG 40

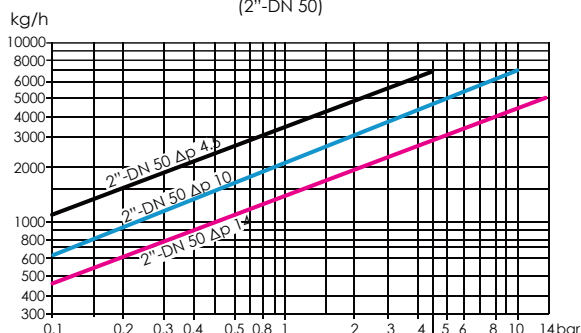
Internals and float:

Stainless Steel AISI 304

Connection: Flanged and Threaded

rev.0420

Discharge Capacities
(2"-DN 50)



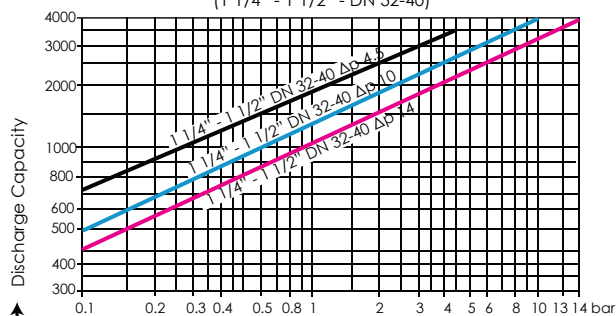
Discharge Chart:

Red Chart : $\Delta p = 14$ bar

Blue Chart : $\Delta p = 10$ bar

Black Chart : $\Delta p = 4.5$ bar

(1 1/4" - 1 1/2" - DN 32-40)



Discharge Capacity ↑
→ Differential Pressure
 $\Delta P = \text{Inlet Pressure} - \text{Outlet Pressure}$

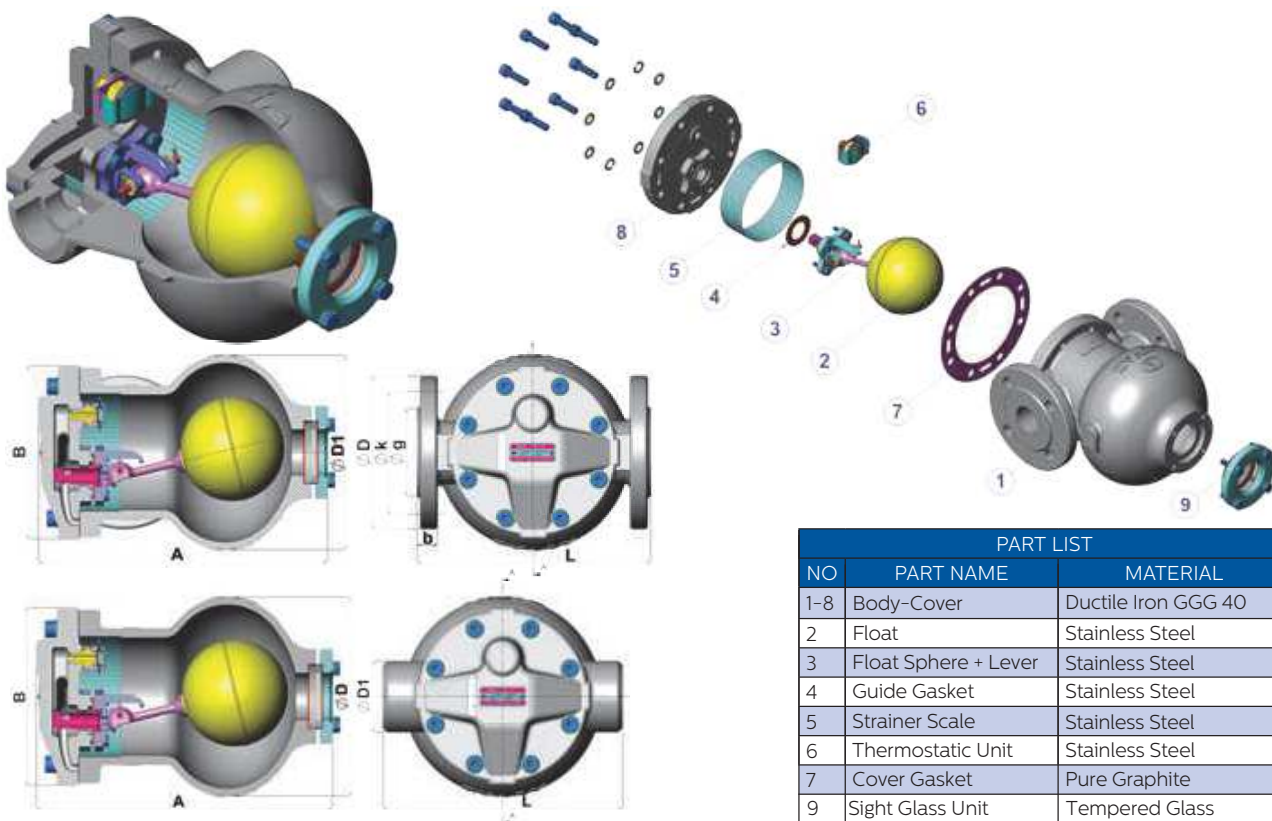
OPERATING CONDITIONS	
Max. Operating Pressure	16 bar
Max. Differential Pressure (ΔP)	4.5-10-14 bar
Max. Operating Temperature	250 °C



* Please ask to our sales team for different pressures and diameters.

SK-55L FLOAT TYPE STEAM TRAP

CONSTRUCTION



PART LIST		
NO	PART NAME	MATERIAL
1-8	Body-Cover	Ductile Iron GGG 40
2	Float	Stainless Steel
3	Float Sphere + Lever	Stainless Steel
4	Guide Gasket	Stainless Steel
5	Strainer Scale	Stainless Steel
6	Thermostatic Unit	Stainless Steel
7	Cover Gasket	Pure Graphite
9	Sight Glass Unit	Tempered Glass

DIMENSIONS								
SIZE	ARTICLE NO	THREADED						
		A (mm)	B (mm)	D1 (mm)	D (mm)	L (mm)		
1 1/4"	703200201071	284.5	170	68	190	230		
1 1/2"	703200201074	284.5	170	68	190	230		
2"	703200201077	284.5	170	80	230	230		
DIMENSIONS								
SIZE	ARTICLE NO	FLANGED						
		A (mm)	b (mm)	B (mm)	D (mm)	k (mm)	D1 (mm)	L (mm)
DN 32	703200201081	284.5	20	170	140	100	190	230
DN 40	703200201084	284.5	20	170	150	110	190	230
DN 50	703200201087	296.5	20	176	165	125	230	230