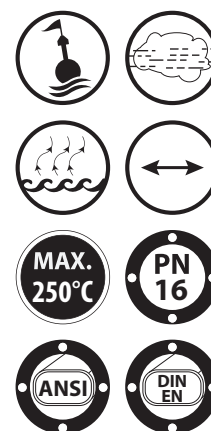
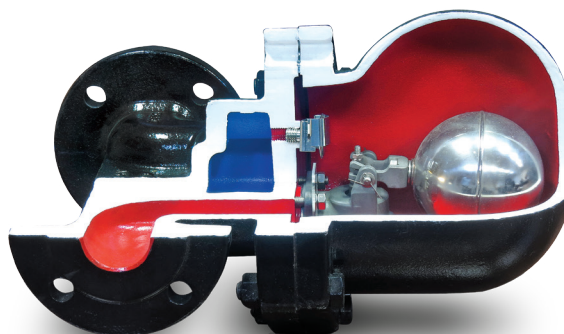




FLOAT TYPE STEAM TRAPS

SK-80 WITH AIR VENT



DESIGN

Product Features

Body	Ductile Iron GGG 40.3
Cover	Ductile Iron GGG 40.3
Internals and float	Stainless Steel AISI 304
Connection Types	Flanged

Operating Conditions

Max. Operating Pressure (PMO)	16 bar
Max. Operating Temperature (TMO)	250°C
Max. Differential Pressure (ΔP)	4,5-10-14 bar

Condensate Discharge Chart

Red Chart

For 14 bar diff. pressure

Blue Chart

For 10 bar diff. pressure

Black Chart

For 4,5 bar diff. pressure

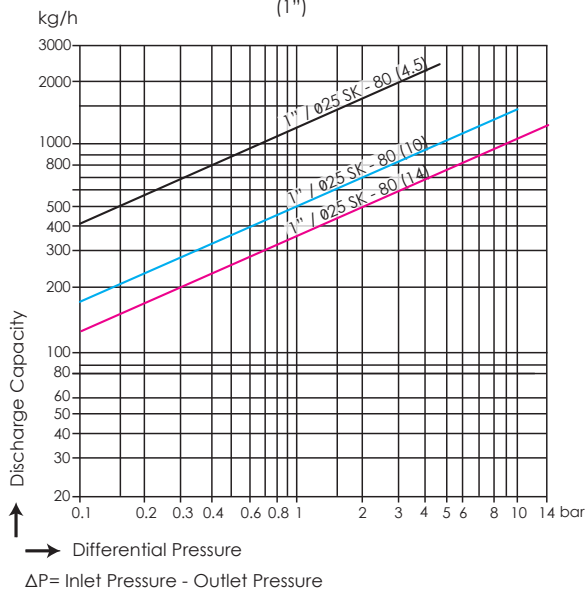
Operation

SK 80 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 open 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.

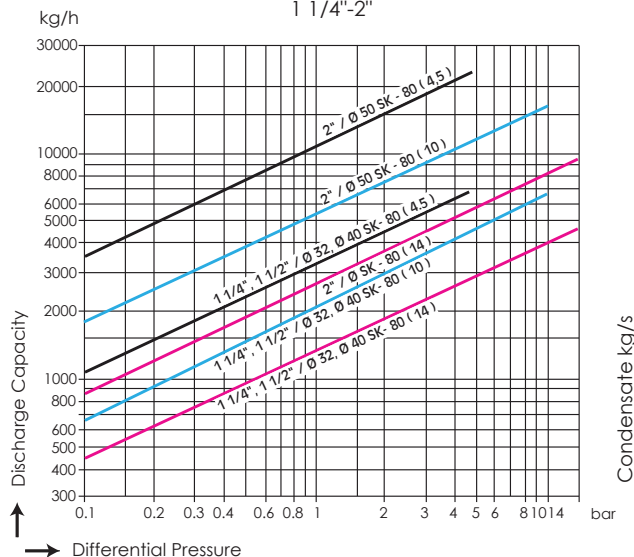
Installation

SK80 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.

Discharge Capacities (1")



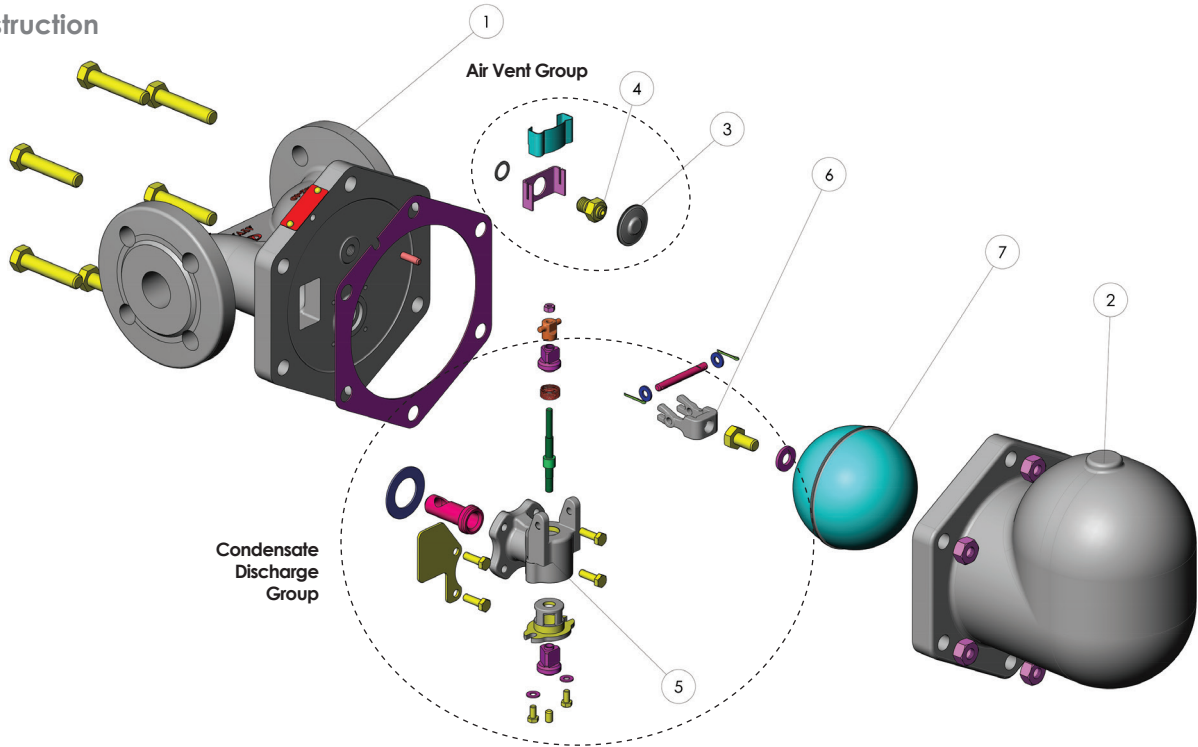
Discharge Capacities 1 1/4"-2"



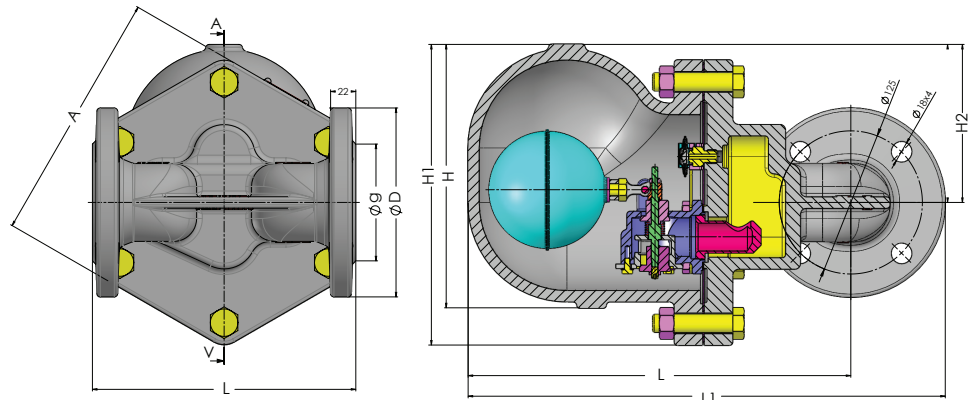
FLOAT TYPE STEAM TRAPS

SK-80 WITH AIR VENT

Construction



Part List		
No	Part Name	Material
1	Body	GGG 40.3 or GSC 25
2	Cover	GGG 40.3 or GSC 25
3	Thermostatic Capsule	Stainless Steel
4	Air Vent Seat	Stainless Steel AISI 304
5	Valve Assembly	Stainless Steel
6	Float Lever	Stainless Steel AISI 304
7	Float	Stainless Steel AISI 304



Dimensions

SK-80 DIMENSIONS								
Size	Code	FLANGED						
		A (mm)	H1 (mm)	H2 (mm)	H (mm)	L1 (mm)	L2 (mm)	L (mm)
DN 25	703200203008	116	-	116,5	195	303,5	246	116
DN 32	703200203011	190	237,5	107,5	207	385	315	230
DN 40	703200203014	190	237,5	107,5	207	390	315	230
DN 50	703200203017	220	262	124	230	417	335	230

Subject to technical alterations and deviations resulting from the manufacturing process without giving any notification.