

SK-50B  
DN25

## BIMETALLIC FLOAT TYPE STEAM TRAP WITH AIR VENT

### GENERAL FEATURES

Ayvaz SK-50B Float Traps perform continuous evacuation, especially with the amount of condensate, at the steam saturation temperature. It is not affected by sudden and wide pressure changes. Rather, it is preferred for systems where condensate desorption is desired to be rapid, where condensation accumulation in the pipeline is undesirable. Ideal for automatic temperature control systems.

In addition to the float performing the evacuation mission, the air evacuation is also carried out by the bimetallic plates present in the body. Thus, water hammer is prevented which is caused by air deposit in the pipeline. At the same time, if the float loses its function for any reason, the bimetallic plate enters the circuit to continue the condensate removal and prevents the system from becoming blocked.

#### Product Material:

Body and Cover: GGG 40.3 Ductile Iron  
Inner Part: Complete AISI304 Stainless Steel

#### Connection:

Threaded or flanged

#### Nominal Diameter:

DN25 (1")

#### Pressure:

Max. 16 bar

#### Working Temperature:

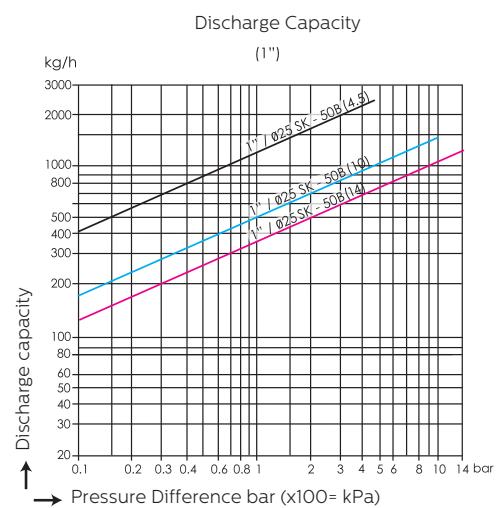
Max. working temperature 250 °C

#### Applications:

- Heat exchangers
- Heating batteries
- Tanks
- Drying rollers

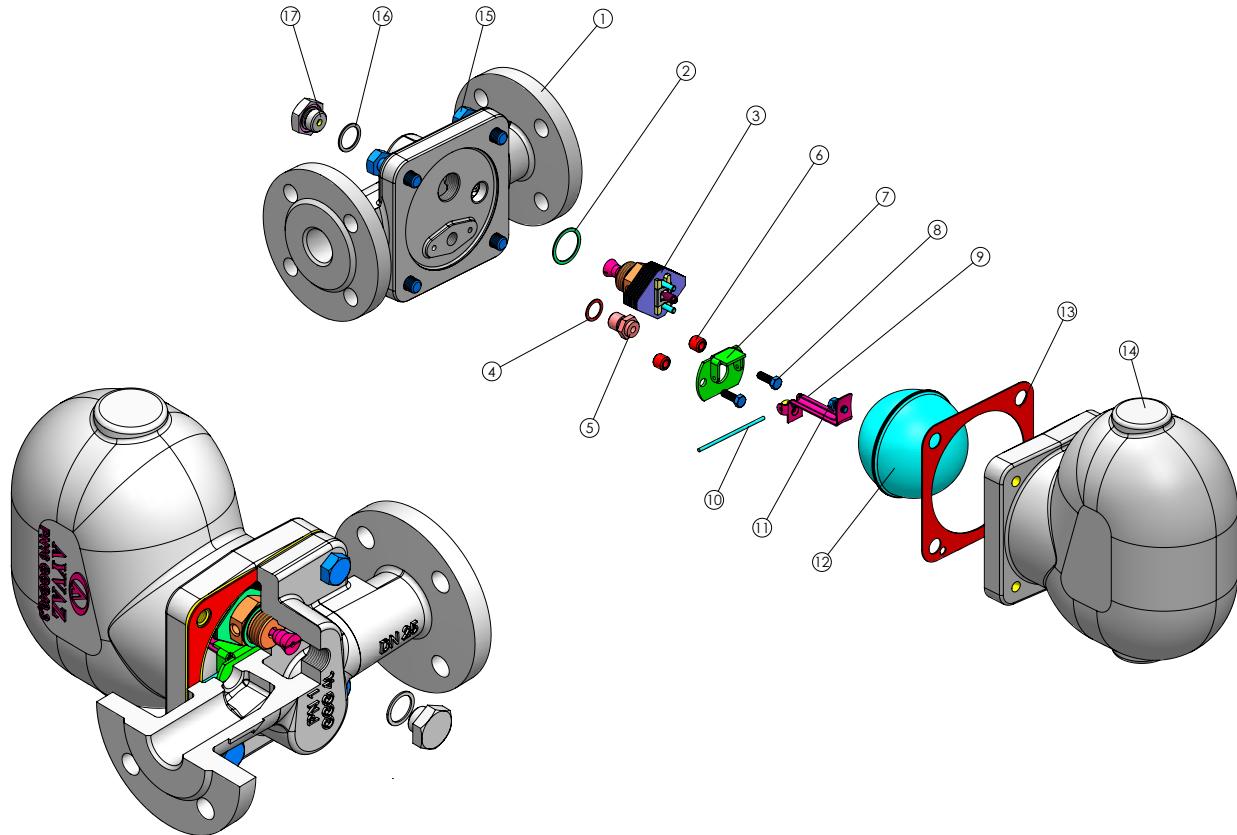
#### Discharge Curve

**Red Curve:** 14 bar pressure difference  
**Blue Curve:** 10 bar pressure difference  
**Black Curve:** 4,5 bar pressure difference

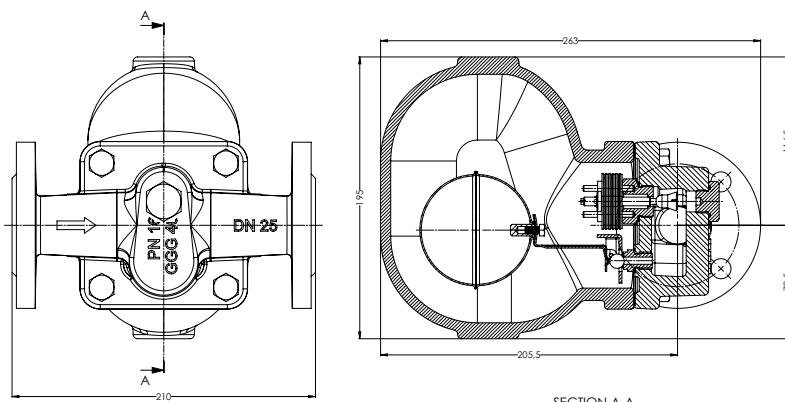


# SK-50B BIMETALLIC FLOAT TYPE STEAM TRAP WITH AIR VENT

## TECHNICAL SPECIFICATIONS



SPARE PARTS		
1	Body	GGG 40.3
2	Seat Gasket	Stainless Steel
3	Bimetallic Valve	Stainless Steel
4	Float Seat Gasket	Stainless Steel
5	Float Seat	Stainless Steel
6	Ring	Stainless Steel
7	Float Connection Part	Stainless Steel
8	Bolt	Stainless Steel
9	Float Lever	Stainless Steel
10	Connection Steam	Stainless Steel
11	Bolt	Stainless Steel
12	Float	Stainless Steel
13	Cover Gasket	Graphite
14	Cover	GGG 40.3
15	Bolt	8.8
16	Stopper Gasket	Copper
17	Stopper	Stainless Steel



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