

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:

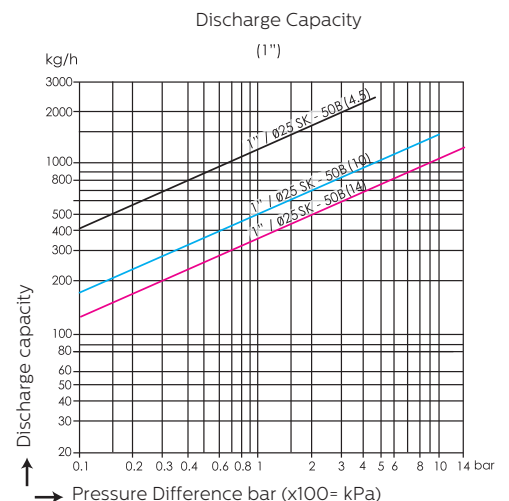
Max. working temperature 250 °C

Applications:

- Heat exchangers
- Heating batteries
- Tanks
- Drying rollers

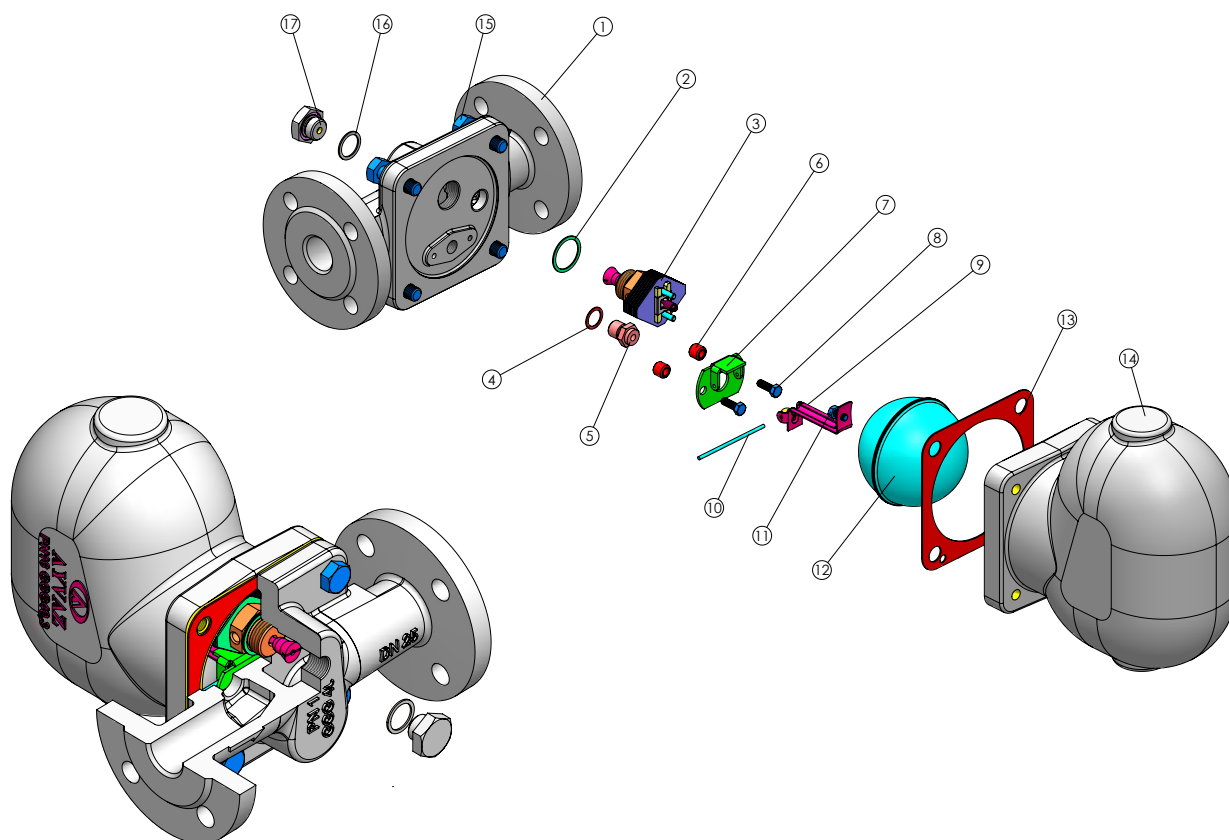
Discharge Curve

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

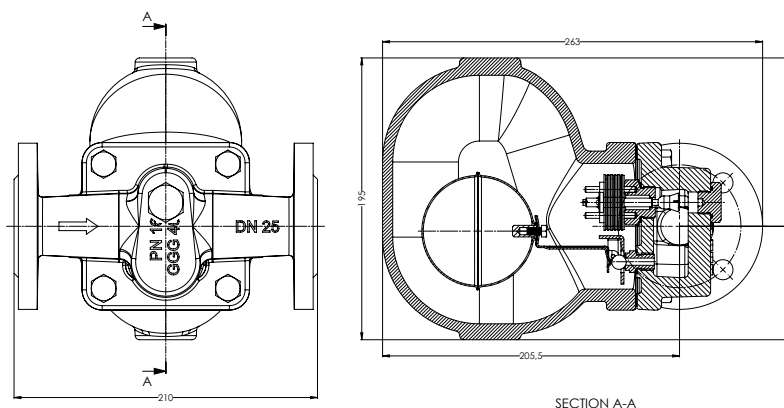


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TECHNICAL SPECIFICATIONS



| 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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