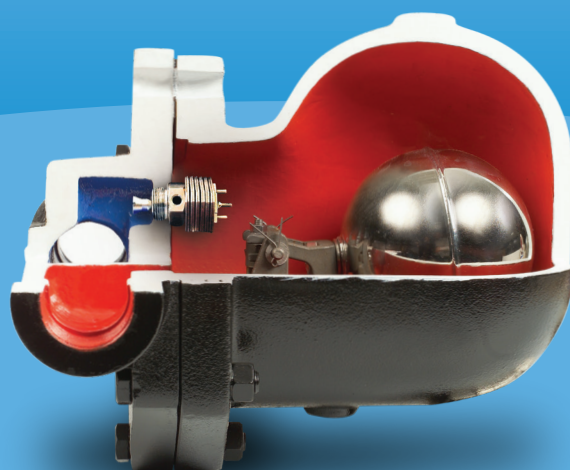




SK-50B
DN32, DN40, DN50

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: GG-25 Cast Iron
Inner Part: Complete AISI304 Stainless Steel

Connection:

Threaded or flanged

Nominal Diameter:

DN32, DN40, DN50

Pressure:

Max. 16 bar.

Working Temperature:

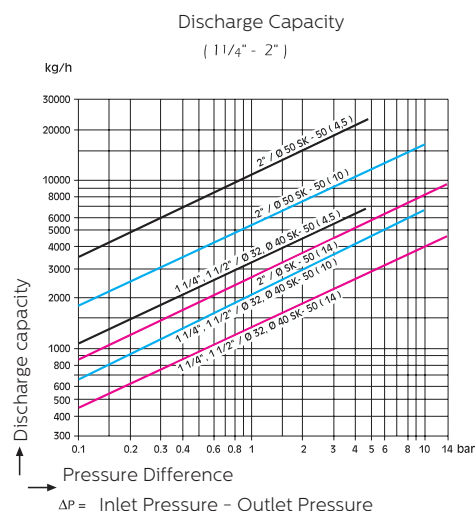
Max. working temperature 250 °C

Applications:

- Heat exchangers
- Heating batteries
- Tanks
- Drying rollers

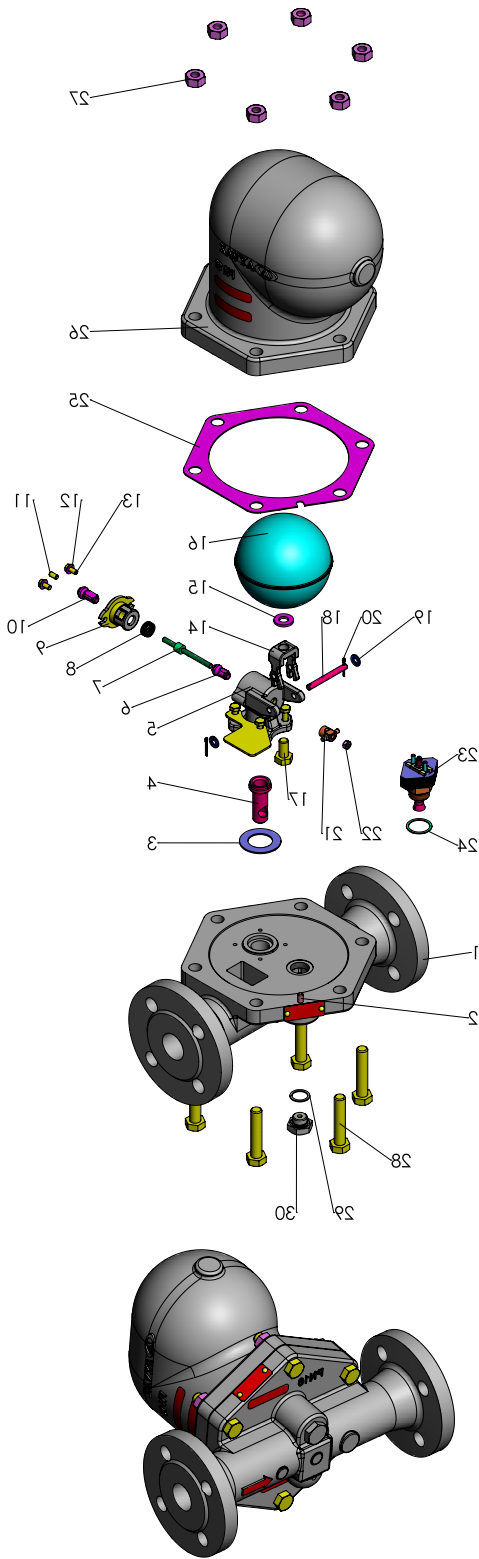
Discharge Curve

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

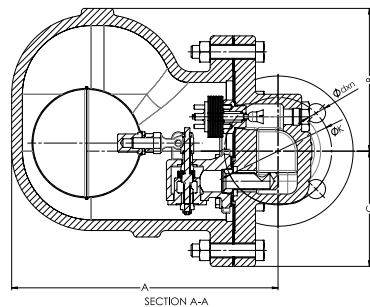
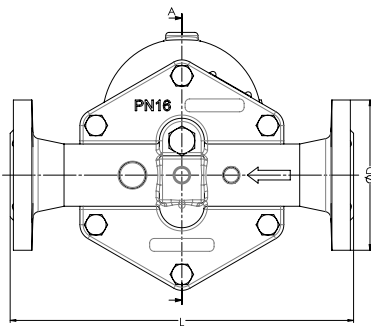


SK-50B BIMETALLIC FLOAT TYPE STEAM TRAP WITH AIR VENT

TECHNICAL SPECIFICATIONS



SPARE PARTS		
1	Body	GG-25 Cast Iron
2	Tighting Gasket	55 Si 7
3	Bearing Gasket	%94 Pure Graphite
4	Corrosion Prevention	AISI 304 Stainless Steel
5	Bearing	AISI 430 Stainless Steel
6	Valve	AISI 430 Stainless Steel
7	Yatak Mili	AISI 304 Stainless Steel
8	Spring	AISI 302 Stainless Steel
9	Valve	1.4581
10	Yatak Kapağı	AISI 430 Stainless Steel
11	Bolt	A2-70
12	Shim	AISI 304 Stainless Steel
13	A.K.B. Bolt	A2-70
14	Oscilating Pin	AISI 304 Stainless Steel
15	Shim	AISI 304 Stainless Steel
16	Float	AISI 316 Stainless Steel
17	A.K.B. Gasket	A2-70
18	Float Connection Stem	AISI 304 Stainless Steel
19	Shim	AISI 304 Stainless Steel
20	Joiner Pin	AISI 304 Stainless Steel
21	Roller	AISI 304 Stainless Steel
22	Nut	A2
23	Bimetallic Valve	AISI 304 Stainless Steel
24	Seat Gasket	AISI 304 Stainless Steel
25	Cover Gasket	%94 Pure Graphite
26	Cover	GGG 40.3 Ductile Iron
27	Nut	8.8
28	A.K.B. Bolt	8.8
29	Stopper Gasket	Copper
30	Stopper	AISI 303 Stainless Steel



Dimensions							
Dia.	A	B	C	D	K	Ødxn	L
32	248	133	108	140	100	18x4	320
40	248	133	108	150	110	18x4	320
50	252	138	125	165	125	18x4	320

BIMETALLIC FLOAT TYPE STEAM TRAP WITH AIR VENT



HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 47 27
info@ayvaz.com | www.ayvaz.com

Caserta/Italy

Tel: +39 0823 187 3988
rmolaro@ayvaz.com

Moscow/Russia

Tel: +74959951728
ayvazrus@ayvaz.com

Viernheim/Germany

Tel: +49 62046014399
germany@ayvaz.com

Kiev/Ukraine

Tel: +380 44 390 57 57
info@ayvaz.com.ua

Warsaw/Poland

Tel: +48-32-783-295-1
tricorr@tricorr.eu

Dubai/U.A.E

Tel: +971 563550822
+971 501306871
mideast@ayvaz.com

Cixi City/China

Tel: +86 574-58973851
info@ayvazchina.com

Kazakhstan

Tel: +7 (701) 066 066 1
+90 (533) 760 34 66
celyas@ayvaz.com

Isperih/Bulgaria

Tel: +359 8431 27 32
office@ayvaz-n.eu

Belgrad/Serbia

Tel: +381 61 658 70 52
yakbiyik@ayvaz.com