

AYVAZ Bi-Metal Steam Trap with Adjusting Screw

Size 1/2"- 1" Screwed BSP.



Typical Applications

Main Steam Lines / Drying Units / Pressing Units Steam Jacket Pipelines / Convector Heaters / Heaters

Installation

The steam trap should be fitted on the line in every position but best application is horizontal installation.









DIMENSIONS

Size	L-L1-L2	H-H1	D	b	k	g	i
15	95-150-82	102-41	95	16	65	45	14
20	95-150-82	102-41	105	18	75	58	14
25	95-160-82	102-41	115	18	85	68	14

TK 1

Main Features

BI-METAL STEAM TRAP With Adjusting Screw

Thermostatic / thermodynamic steam traps with corrosion resistant regulator, uneffected by waterhammer. Integral strainer and non-return valve action. Automatic deaeration.Installation in any position. Working at high pressure. Bi-metal thermostatic plates can be adjust by adjustment screw. By adjusting it is possible to increase and decrease the discharge capacity and the temperature of condensate. Ideal steam trap for super heated steam line applications.

OPERATING CONDITIONS

Max Allowable Pressure PMA(bar)	40
	-10
Max.Allowable Temperature TMA (°C)	400
Max.Operating Pressure PMO (bar)	32
Max.Differential Pressure PMD (bar)	22
Max.Operating Temperature TMO (°C)	250

WEIGHTS

Connections	Flanged	Screwed	Socket weld
Sizes (mm)	15-20-25	1/2-3/4-1	1/2-3/4-1
Weights (kgs)	4.3-4.6-5.3	2.4-2.4-2.3	2.5-2.5-2.4

CONNECTIO	DNS	SIZES		
Screwed	NPT acc. to ANS1 BI 20.1 BSP acc.to BS 21	inches	1/2"-1"	
Socket weld	ANSI B 16.11	mm	15 - 25	
Flanged	DIN 2635 (PN 40)] '''''	15-25	



Materials

1 Body		Forged Steel ASTM A1 05
2 Cover		Forged Steel ASTM A1 05
3 Cover Gasket	*	Klingcrit Asbestos Free
4 Bi-Metalic Plates	*	Stainless Steel
5 Strainer	*	Stainless Steel
6 Seat	*	Stainless Steel AISI 304
7 Valve	*	Stainless Steel AISI 304
8 Adjustment Screw		Stainless Steel AISI 304
9 Cover Bolts		ASTM A1 93 B 16

* Available spare parts