

PT40

STEAM TRAP WITH BIMETALLIC COLUMN



DESCRIPTION:

Thermostatic steam trap with bimetallic column, inbuilt strainer and stainless steel internals. Best suited for steam tracers, header drip legs, heating coils and various process & heating applications.

FEATURES:

Stainless steel protected bimetal plates resist corrosion.
Excellent resistance to water hammer.
Sub-cooling temperature is adjustable.
Tight shut off. No steam loss.
Long lasting. Modulating discharge. Excellent air venting capability.
Suitable for both saturated & superheated steam applications.

SIZES: DN15, 20

CONNECTIONS: Screwed (NPT/BSPT/BSP)
Socket Weld/Flanged*

*End connection flanges of ASTM A105 forged carbon steel are weld on.

Non IBR/IBR approved

LIMITING CONDITIONS:

PMA: Max. allowable pressure	32 bar(g)
TMA: Max. allowable temperature	425° C
PMO: Max. operating pressure	PT40-22 22 bar (g) PT40-30 30 bar (g)
TMO: Max. operating temperature	400 °C
Cold hydro test pressure	48 bar(g)

INSTALLATION:

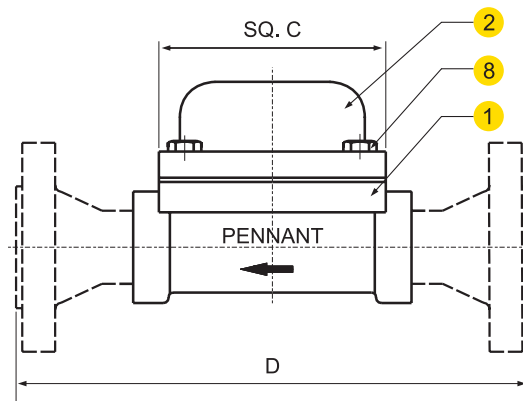
Trap should be installed in a horizontal plane with cover on the top, and below the drain point. Full port isolation valves should be installed upstream & downstream of the trap. Sufficient upstream piping capacity for accumulation of condensate should be provided to prevent condensate backing up into the equipment - 1mt. minimum.

IMPORTANT:

For new pipelines, ensure that the lines are properly flushed, prior to fitting the traps, to avoid strainer choke up.

MATERIAL :

No.	PART	MATERIAL	QTY (Nos.)
1.	Body	ASTM A105	01
2.	Cover	ASTM A216 Gr. WCB	01
3.	Controller Assy.	BIMETAL/SS	01
4.	Seat	STAINLESS STEEL	01
5.	Valve Stem	STAINLESS STEEL	01
6.	Strainer Screen	AISI 304	01
7.	Gasket	CAF/Graphite with SS304 Reinforced	01
8.	Bolts	ASTM A193 Gr. B7	04

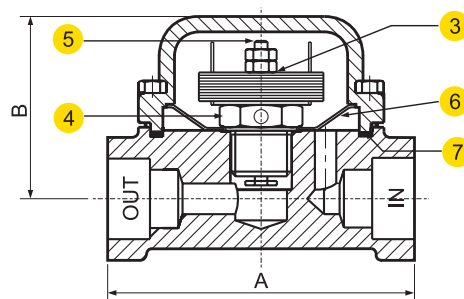


DIMENSIONS: Nominal in mm

SIZE	A	B	C	D	
				#150	#300
DN15	100	70	80	177	185
DN20	100	70	80	180	190

WEIGHTS: (approx.)

SIZE	SCR/SW	FLANGED	
		#150	#300
DN15	1.9 kg	3.2 kg	3.5 kg
DN20	1.9 kg	3.6 kg	4.4 kg



AVAILABLE SPARES:

Controller Assy., Gaskets, Strainer Screen.

HOW TO ORDER:

PT40-22 DN20 BSP

ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 2) Back Pressure in bar(g)
- 3) Operating Temperature in °C
- 4) Condensate Load in kg/hr
- 5) Size & Model
- 6) End Connections
- 7) IBR / NIBR

