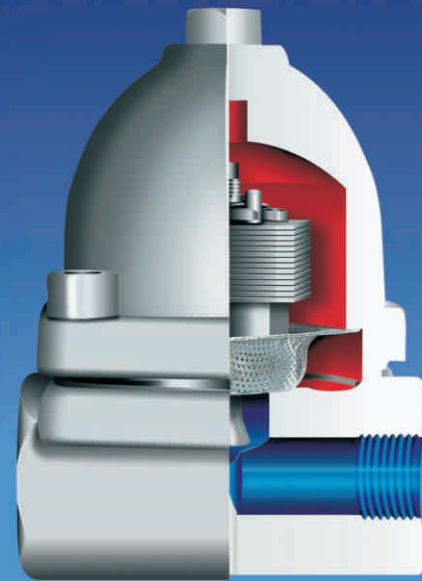


Cooling & Heating Division

BI - METALLIC STEAM TRAP WITH ADJUSTING SCREW

TBM



IDEAL STEAM TRAP FOR SUPER HEATED STEAM LINE APPLICATIONS

MAIN FEATURES

- Forged steel body with SS internals.
- Bi-metallic steam traps with corrosion resistant regulator are unaffected by water hammer.
- Integral strainer and non - return valve provided.
- Automatic de-aeration.
- Installation in any position.
- High Working pressure.
- Bi-metal thermostatic plates can be adjusted by adjustment screw. By adjusting it is possible to increase and decrease the discharge capacity and the temperature of condensate.
- Bi-metallic steam traps are used for draining condensate from steam headers carrying super heated steam.

The Steam trap works best in horizontal installation

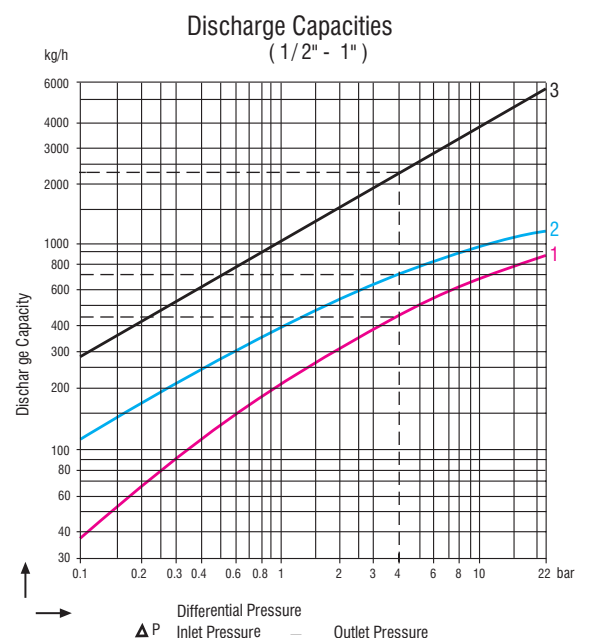


Chart 1 - Condensate temp. max. 10°C below steam saturation temp.
Chart 2 - Condensate temp. max. 20°C below steam saturation temp.
Chart 3 - Cold condensate at a temperature of 30°C.

SPECIFICATIONS

OPERATING CONDITIONS

Max. Allowable Pressure	PMA (bar)	40
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	Butt 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

SIZES

15 - 25 mm	1/2" - 1" inches
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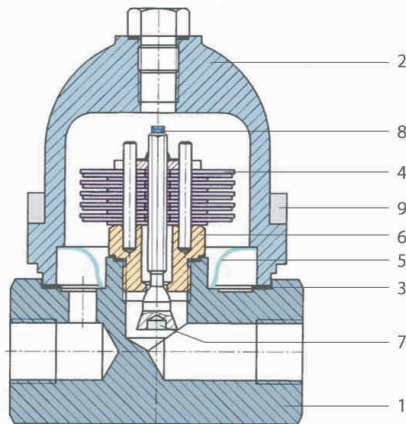
CONNECTIONS

Screwed	NPT, BSP
Socket weld	ANSI B 16.11
Flanged	Available

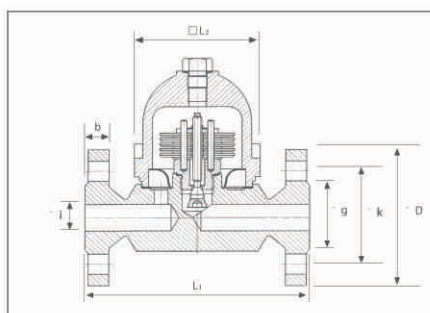
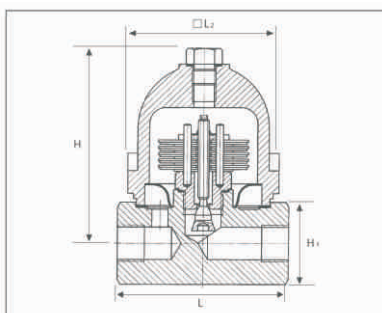
SPARE PARTS

SPARE PARTS		MATERIAL
1	Body	Forged Steel ASTM A105
2	Cover	Forged Steel ASTM A105
3	Cover Gasket	Asbestos Free
4	Bi - Metallic 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

MATERIAL



Size	L - L12- L	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



Special inspection and certification available on request

In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change specifications without prior notice.



Sustainable Solutions in
Energy & Environment

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