Steamlok

SLTT - 85
Thermodynamic Steam Trap

SLTT - 85 is Thermodynamic Steam Trap in Alloy Steel construction with maintainable seat & integral strainer design.

Unique Features

- Maintainable seat design
- Oxidation free heat treatment (Vaccum) for seat & disc
- Inbuilt strainer design for ease of maintenance
- Functional test - 100% on steam

Condensate Discharge Capacity

Differential Pressure bar (g)	Kg / hr
8	261
16	326
24	353
32	381
40	399
48	417
56	432
65	445

Size

15 NB, 20 NB

Pipe Connections

Screwed : BSP, BSPT, NPT

Socket Weld

Flanged : ASA 150, ASA 300, ASA 600 (Weld on)

Design Conditions

- Max. allowable pressure (PMA) - 65 bar (g)
- Max. allowable temp (TMA) - 510^{0}C
- Minimum inlet pressure required - 8 bar (g)
- Back pressure should not exceed 80% of the inlet pressure
- Cold hydraulic test pressure - 150 bar (g)

Certification

IBR approval / En 10204-3.1

Installation

- SLTT - 85 can be installed both vertically as well as horizontally with the pipe line. Recommended is, trap installation in a horizontal pipe with insulating cover at top.
- Cover nut checking & hot tightening is required after 24 hours of trap operation.
- Isolation valve at up stream & down stream of trap should be installed for ease of maintenance.
- Slow opening of isolation valve is recommended to avoid system shock.
- Ensure proper flushing of line before installation.

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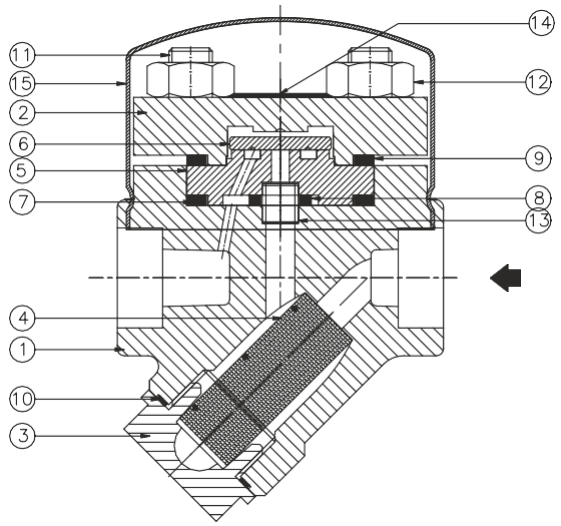
Construction



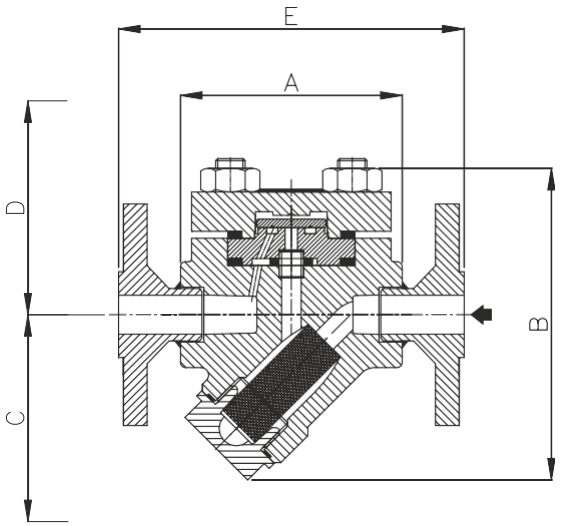
Part List

No.	Part Name	Material	Qty
1	Body	ASTM A 217 Gr. WC 6	1
2	Top cover	ASTM A 217 Gr. WC 6	1
3	Strainer cap	ASTM A 217 Gr. WC 6	1
4	Strainer screen	AISI 304 100 Mesh	1
5	Seat	ASTM A 681 Gr. D2	1
6	Disc	ASTM A 681 Gr. D2	1
7	Seat gasket lower - 1	Spiral wound AISI 304 with graphite	1
8	Seat gasket lower - 2	Spiral wound AISI 304 with graphite	1
9	Seat gasket upper	Spiral wound AISI 304 with graphite	1
10	Strainer cap gasket	Reinforced exfoliated graphite	1
11	Stud	ASTM A 193 Gr. B7	4
12	Nut	ASTM A 194 Gr. 2H	4
13	Centre locator	AISI 304	1
14	Name plate	AISI 304	1
15	Insulation Cover	AISI 304	1

** Note - Insulation cover is optional

Dimensions

Screwed, Socket weld & Flanged connection



Screwed / Socket weld

SLTT - 85	A	B	C	D	Wt.
15,20 NB	90	127	95	80	2.3 kg

Flanged

Model	Class	Size	E	Wt. (Approx)
SLTT - 85	# 150	15 NB	170	3.4 kg
		20 NB	174	3.9 kg
	# 300	15 NB	180	4.2 kg
		20 NB	184	5.2 kg
	# 600	15 NB	192	4.3 kg
		20 NB	196	5.6 kg

Spare Parts

- Seat & Disc Assembly (set P. No. 5,6,7,8,9,13)
- Strainer screen (set of 5)
- Strainer cap gasket (Set of 5)
- Insulation cover (Set of 3)

How to Order

Ex. SLTT - 85 alloy steel steam trap, 15NB socket weld connection, IBR.

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