

SLTT - 87 is Thermodynamic Steam Trap in Forged Alloy Steel construction, suitable for High Temp. & Pressure with maintainable seat & integral strainer design.



UNIQUE FEATURES

- Maintainable seat design
- Special heat treatment (vaccum) for Seat & Disk
- Functional test - 100% on steam

CONDENSATE DISCHARGE CAPACITY

Differential Pressure bar (g)	Kg / hr
8	65
25	138
50	168
75	185
100	198
125	212
150	223
175	234
200	246
225	256
250	265

SIZE

15 NB, 20 NB, 25NB

PIPE CONNECTIONS

Socket Weld, Bolt Weld

Flanged : ASA 600, ASA 1500
(Weld on)

DESIGN CONDITIONS

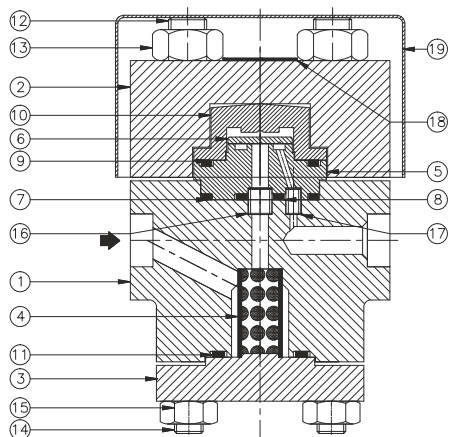
- Max. allowable pressure (PMA) - 250 bar (g) at 300°C
- Max. allowable temp (TMA) - 550°C at 80 bar (g)
- Minimum inlet pressure required - 8 bar (g)
- Back pressure should not exceed 60% of the inlet pressure
- Cold hydraulic test pressure - 375 bar (g)

CERTIFICATION

IBR approval / En 10204 3.1

INSTALLATION

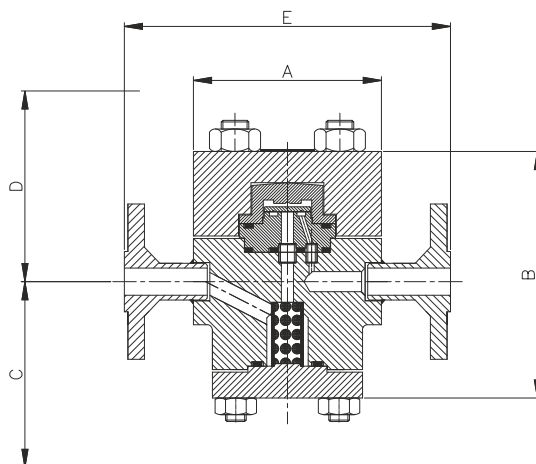
- SLTT - 87 can be installed both vertically as well as horizontally with the pipe line. Recommended is, trap installation in a horizontal pipe with name plate at top.
- Cover nut checking & hot tightening is required after 24 hours of trap operation.
- Up stream & Down stream isolation valves are recommended for the trap.
- Ensure proper flushing of line before installation.

CONSTRUCTION

PART LIST

No.	Part Name	Material	Qty
1	Body	ASTM A 182 Gr. F22	1
2	Top cover	ASTM A 182 Gr. F22	1
3	Screen cap	ASTM A 182 Gr. F22	1
4	Screen	SS 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 SS 304 with graphite	1
8	Seat gasket lower - 2	Spiral wound SS 304 with graphite	1
9	Seat gasket upper	Spiral wound SS 304 with graphite	1
10	Disc Cover	AISI 420	1
11	Screen cap gasket	Spiral wound SS 304 with graphite	1
12	Stud for top cover	ASTM A 193 Gr. B16	4
13	Nut for Stud (12)	ASTM A 194 Gr. 7	4
14	Stud for Screen Cap	ASTM A 193 Gr. B16	6
15	Nut for Stud (14)	ASTM A 194 Gr. 7	6
16	Centre locator	AISI 304	1
17	Ferrule	AISI 304	1
18	Name plate	AISI 304	1
19	Insulation Cover	AISI 304	1

DIMENSIONS

Socket weld, Butt weld & Flanged connection



SLTT - 87	A	B	C	D	Wt.
SW-15,20,25NB	109	143	140	160	13.7 kg
BW-15,20,25NB	115	143	140	160	13.3 kg

Flanged

Model	Class	Size	E	Wt. (Approx)
SLTT - 87	# 600	15 NB	225	16.7 kg
		20 NB	215	17.5 kg
		25 NB	211	18.6 kg
	# 1500	15 NB	247	18.9 kg
		20 NB	244	20.0 kg
		25 NB	218	21.5 kg

Note : Insulation Cover is Optional

SPARE PARTS

- Seat & Disc Assembly (set P. No. 5,6,7,8,9,16,17)
- Screen (set of 5)
- Screen cap gasket (Set of 5)
- Insulation Cover (Set of 3)

HOW TO ORDER

Ex. SLTT - 87 Forged Alloy steel steam trap, 15NB socket weld connection, IBR.

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STEAM SOLUTION GROUP