

STEAMLOK ENGINEERING

SLTT - 76

THERMODYNAMIC STEAM TRAP



SLTT - 76 is Thermodynamic Steam Trap in stainless Steel construction (CF8). It is suitable for low & medium pressure steam distribution lines.

SIZE

15 NB, 20 NB, 25NB

PIPE CONNECTIONS

Screwed : BSP, BSPT, NPT
Socket Weld

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

UNIQUE FEATURES

- Uniquely designed maintainable seat
- Corrosion resistant stainless still construction
- Oxidation free heat treatment (vacuum) for Seat & Disc
- Functional test-100% on steam

CERTIFICATION

IBR approval / En10204 - 3.1

DESIGN CONDITIONS

- Designed for # 600
- Max. allowable pressure (PMA) - 48.9 bar
- Max. allowable Temp (TMA) - 538° C
- Minimum inlet pressure required - 0.25 bar (g)
Back pressure should not exceed 80% of the inlet pressure

INSTALLATION

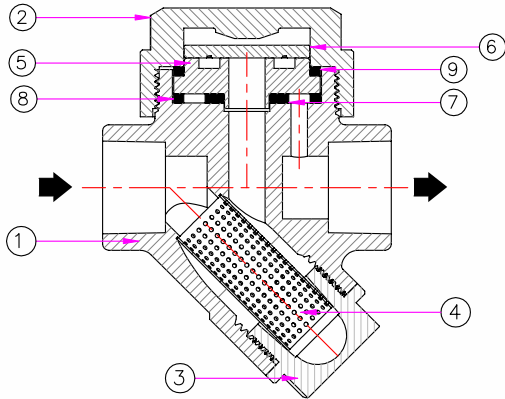
- SLTT - 76 can be installed both vertically as well as horizontally with the pipe line. Recommended is, trap installation in a horizontal pipe with disc cover at top.
- Flow direction arrow on the product should be examined carefully.
- Trap to be installed as close as possible to condensate collection point.
- Ensure proper flushing of line before installation.
- Condensate discharge should be properly routed to safe passage.

OPTIONAL EXTRAS

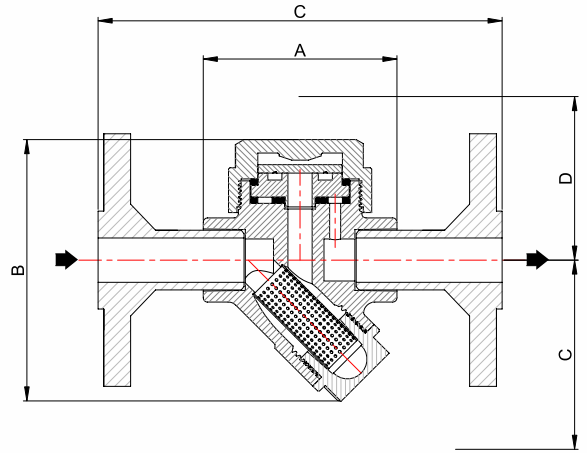
- Blow Down Valve - To drain loose material particle collected in screen
- Insulation cover - To isolate trap from ambient temperature variations

(SLTT - 76) THERMODYNAMIC STEAM TRAP

CONSTRUCTION



DIMENSIONS



PART LIST

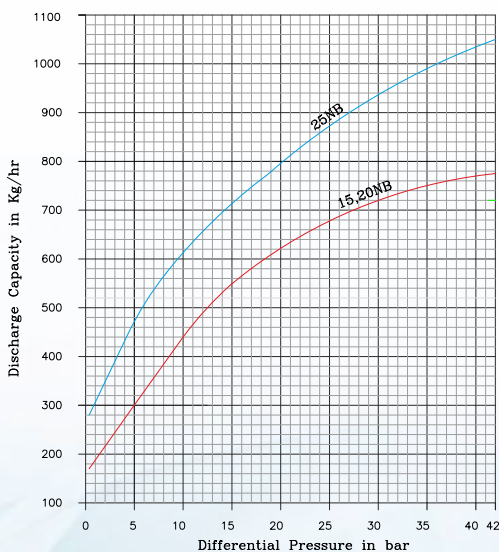
No.	Part Name	Material	Qty
1	Body	ASTM A 351 Gr. CF 8	1
2	Disc cover		1
3	Strainer cap		1
4	Strainer screen	AISI 304 (0.8 PERF.)	1
5	Seat	AISI 420	1
6	Disc	AISI 420	1
7	Seat gasket lower -1	Spiral wound graphite gasket with AISI 304	1
8	Seat gasket lower -2		1
9	Seat gasket upper		1

Screwed / Socket weld

SLTT - 76	A	B	C	D	Wt.
15 NB	69	93	85	75	1.4
20 NB	76	98	90	80	1.4
25 NB	86	121	110	105	2.2

Flanged

Model	Class	Size	E	Wt. (Approx)
SLTT-76	# 150	15 NB	170	3.4 kg
		20 NB	174	3.6 kg
		25 NB	186	4.0 kg
	# 300	15 NB	180	4.2 kg
		20 NB	184	5.2 kg
		25 NB	198	4.7 kg
	# 600	15 NB	192	4.3 kg
		20 NB	196	5.6 kg
		25 NB	212	5.9 kg



SPARE PARTS

- Seat & Disc Assembly (Set P. No. 5, 6, 7, 8, 9)
- Screen (Set of 5)
- Insulation cover (Set of 3)



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