

STEAMLOK ENGINEERING

SLSST - 79 Pharma Trap



SLSST79 steam traps are designed for clean steam application. These traps consists of a temperature sensitive thermostatic element . These traps are constructed in stainless steel (SS316L) material with polished internal surface.

Minimal or no residue of condensate is left in the trap because of its tapered, crevice free body and cap inner design. These traps operate close to saturated steam temperatures and allow condensate to exhaust from trap at very low temperature difference.

These traps are used on steam main lines as drip traps, process line traps, sterilization in place (SIP) and clean in place (CIP) applications. In inverted position it can work as air vent trap in steam system.

SIZE

15 NB, 20 NB, 25 NB

PIPE CONNECTIONS

ASME BPE-Tri Clamp
Tube weld

UNIQUE FEATURES

- MOC for all wetted parts SS316L
- Internal surface finish of body and cap $<0.4 \mu\text{m Ra}$
- Electro polished
- Self drainable body and cap design
- Functional Test-100% on steam

DESIGN CONDITIONS

- Max allowable pressure (PMA) - 10 bar (g)
- Max allowable temperature (TMA) - 176 C°
- Max operating pressure - 6 bar (g)
- Max operating temperature - Saturated steam temperature

CERTIFICATION

EN10204-3.1

Gasket Certification :

* FDA CFR 177.1550

* U.S. Pharmacopeia Class VI Certification

(*Certificate made available on request)

DISCHARGE CAPACITY

Differential Pressure (Bar)	1	2	3	4	5	6
Discharge Capacity (kg/hr)	372	539	664	770	866	952



(SLSST - 79) PHARMA TRAP

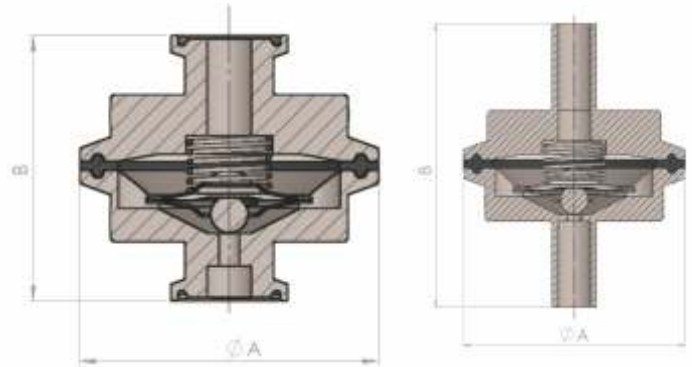
EXPLODED VIEW



PART LIST

No.	DESCRIPTION	MATERIAL
1	BODY	AISI 316L
2	CAP	AISI 316L
3	THERMOSTATIC ELEMENT	AISI 316L
4	GASKET	FOOD GRADE PTFE
5	SPRING	AISI 316L
6	CLAMP	AISI 304

DIMENSIONS



Sr. No.	SIZE	TRI CLAMP END			TUBE END		
		A (mm)	B (mm)	WEIGHT (gm) (APPROX)	A (mm)	B (mm)	WEIGHT (gm) (APPROX)
1	15NB	63.9	57	677	63.9	82.6	651
2	20NB	63.9	57	677	63.9	82.6	663
3	25NB	63.9	57	686	63.9	82.6	670

SPARE PARTS

Thermostatic Element (Part No. 3)
Gasket (Seal) Set of 3No. (Part No. 4)

INSTALATION

SLSST79 must be installed in vertical direction, ensuring flow direction on downward side for achieving self draining requirement.

For tube end traps, thermostatic element and gasket must be removed from trap assembly at the time of welding to avoid heat damage.

HOW TO ORDER

For Ex. :

- a) SLSST79, Pharma Trap, 15NB, Tri-clamp end, NON IBR
- b) SLSST79, Pharma Trap, 15NB, Tube end, NON IBR.



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