





BALANCED PRESSURE THERMOSTATIC STEAM TRAP Clean Steam Trap TSS 6

DESCRIPTION

The TSS 6 all stainless steel thermostatic steam traps and air eliminators are specifically designed for use in reactors, sterilizers and distribution lines in clean and pure steam systems.

The small size makes it ideal for use with a wide variety of this equipment.



Modulating discharge.
Wide range of connections options
Excellent air discharge.
Simple and compact design.

STANDARD SURFACE FINISH Internal surfaces: <0,5 microns Ra

External: 0,8 microns Ra

OPTIONS: Welded body and different designs

under request.

USE: Saturated steam

AVAILABLE

MODELS: TSS 6

SIZES: 1/2", 3/4", 1" and 11/2".

CONNECTIONS: Clamp ends

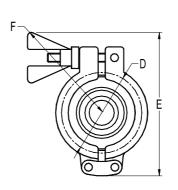
INSTALLATION: Vertical installation

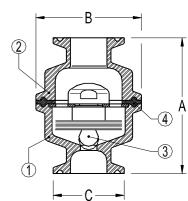
PMA Max. allowable pressure 10 bar TMA Max. allowable temperature 177 °C PMO Max. operating pressure 6 bar TMO Max. operating temperature 165 °C

DIMENSIONS (mm)									
SIZE DN	A	В	С	D	E	F	WGT. Kgs		
1/2"	65	50,5	25,4	50	93	77	0,7		
3/4"	65	50,5	25,4(34)	50	93	77	0,7		
1"	65	50,5	50,5	50	93	77	0,8		
11/2"	65	50,5	50,5	50	93	77	0,8		

Dimensions based on ASME BPE clamp ends () ISO 1127 alternative, others on request.







MATERIALS							
POS.Nr.	DESIGNATION	MATERIAL					
1	Body	AISI316L / 1.4404					
2	Cover	AISI316L / 1.4404					
3	* Thermostat	AISI316L / 1.4404					
4	* Gasket	PTFE/TFM® Envelope gasket **					
5	Clamp	Stainless steel					

* Available spare parts; ** FDA Approved

FLOW RATE CAPACITY IN Kgs/h										
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)								
		0,2	0,3	0,5	1	1,5	2	3	4	6
TSS6	1/2" - 11/2"	90	135	200	400	500	700	900	1000	1400
TSS6 LC	1/2" - 11/2"	60	80	90	160	210	280	490	550	760

Capacities shown refer to condensate at 5° C below saturated steam temperature . Capacities for cold condensate discharge at 20° C are around two times greater.

