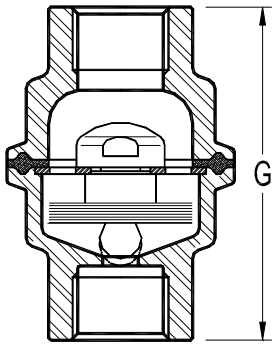
STEAM EQUIPMENT

ADCA Pure

# BALANCED PRESSURE THERMOSTATIC STEAM TRAP
## Clean Steam Trap
## TSS 6 - Threaded

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.



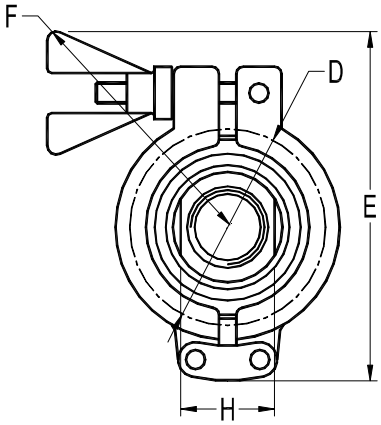

MAIN FEATURES
Modulating discharge.
Wide range of connections options
Excellent air discharge.
Simple and compact design.

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: ½", ¾" and 1".

CONNECTIONS: Female screwed ISO 7/1 RP (BS21)
Tube butt weld (DIN11850, ISO1127, other on request)
INSTALLATION: Vertical installation




| | | |
|---|---|---|
| PMA | Max. allowable pressure | 10 bar |
| TMA | Max. allowable temperature | 177 ºC |
| PMO | Max. operating pressure | 6 bar |
| TMO | Max. operating temperature | 165 ºC |

**DIMENSIONS (mm)**

| SIZE DN | D | E | F | G | H | WGT. Kgs |
|---|---|---|---|---|---|---|
| 1/2" | 50 | 93 | 77 | 74 | 27 | 0,7 |
| 3/4" | 50 | 93 | 77 | 81 | 36 | 0,7 |
| 1" | 50 | 93 | 77 | 95 | 40 | 0,8 |

**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" - 1" | 90 | 135 | 200 | 400 | 500 | 700 | 900 | 1000 | 1400 |

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



We reserve the right to change the design and material of this product without notice.