

THERMOSTATIC STEAM TRAPS AND AIR ELIMINATORS TSW 22 (Wafer Design)

DESCRIPTION

The TSW all stainless steel thermostatic steam traps and air eliminators are specifically designed for use on process equipment such as kettle cookers, sterilizers, food, chemical and laundry equipment. The small size make it ideal for use with a wide variety of this equipment. Connections are flanged (sandwich).

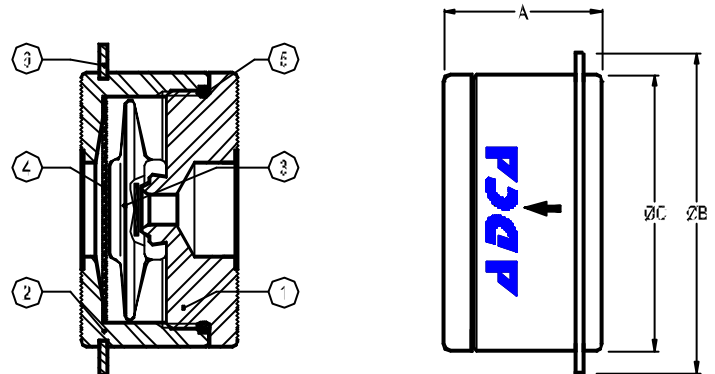
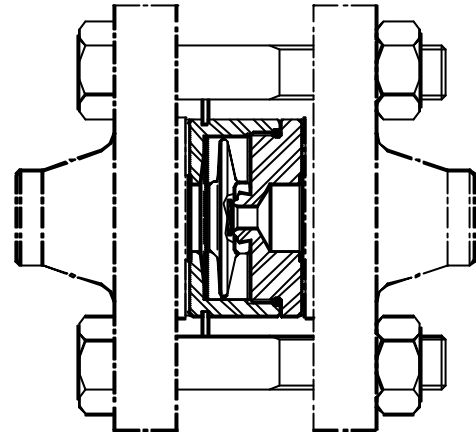
MAIN FEATURES

- Modulating discharge.
- Discharges condensate close to steam temperature.
- Thermostats for different subcooling (5°K to 30°K).
- Excellent air discharge .
- Operates on moderate superheated steam.
- Simple and compact design.
- Can operate in any plane.

USE : Saturated steam.
 AVAILABLE :
 MODELS : TSW 22.
 SIZES : DN15-20 (DN25 on request)
 CONNECTIONS : Sandwiched between flanges as per DIN PN16/40
 INSTALLATION : Any position.
 See IMI, installation and maintenance instructions.

POS.NR.	DESIGNATION	MATERIAL
1	BODY	AISI 316
2	COVER	AISI 316
3*	THERMOSTATIC ELEMENT	STAINLESS STEEL
4*	STRAINER SCREEN	AISI 304
5*	GASKET	GRAPHITE
6	CENTERING RING	AISI 304
*	AVAILABLE SPARE PARTS	

How to order : i.e. TSW 22 DN 20 DIN



PMA : Max.allowable pressure 32 bar
 TMA : Max.allowable temperature 385 °C
 PMO : Max.operating pressure 22 bar
 TMO : Max.operating temperature 250 °C

DIMENSIONS (mm)					
SIZE	A	B	C	WEIGHT	
DN				Kg	
15	25	51	43	0.25	
20*	31,5	61	53	0.45	
25	35,5	71	64	0,75	

* DN 20 is suitable for installation between flanges DN15 removing the centering ring.
 DN 15 and DN 25 available only on request.

FLOW RATE CAPACITY IN Kg/h

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)														
		0.2	0.3	0.5	1	1.5	2	3	4	6	8	10	13	15	20	22
TSW22	15 - 25	45	55	70	95	125	135	180	200	270	315	330	360	370	405	415

Capacities shown refer to condensate at 10°C below saturated steam temperature (standard type-S thermostat) .
 Thermostats for 5° C type-H and 30° type-L, also available.
 Capacities for cold condensate discharge at 20°C are two to three times greater .
 Recommended Safety factor = 1.2 - 1.5