

Thermodynamic DiscTrap With Thermostatic AirVent

Description

The TDX62 thermodynamic steam trap has been specifically Designed for low capacity applications up to 60 bar.

Applicable Codes and Standards:

Performance testing per ANSI/ASME PTC-39.1.

End connections per ANSI B1.20.1 for threaded ends, per ANSI B16.11 for socket welding ends.

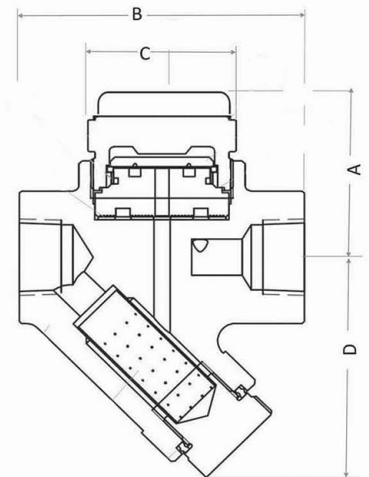
Parts/ Material

Item	Part	Material
1	Air Jacket	Stainless steel 304
2	Bonnet	Stainless steel 420
3	Disc	Stainless steel 420 HT
4	Ring	Stainless steel 420
5	Bimetal Ring	Bimetal
6	Seat	Stainless steel 420 HT
7	Gasket	Graphite /Stainless steel
8	Body	ASTM A182 F11
9	Strainer	Stainless steel 316
10	Spiral Gasket	Graphite /Stainless steel
11	Blank Strainer	Stainless steel 304



Tightening torques (Installation Instructions)

In	S	Torque(n.m)
2	Bonnet	250-270
11	Blank	105-110



TDX62 -Thermodynamic Steam Trap

Size	A	B		C	D	Weights	
		Screwe	Socket weld			Screwe	Socket weld
1/2" DN 15	58	78	92	61	59	1.38	1.49
3/4" DN 20	61	95	92	61	63	1.64	1.64
1" DN 25	65	95	92	61	67	1.90	1.90

Speification

Body design conditions	PN100 and ASME Class 600
PMA Maximum allowable pressure	100 bar g @ 50°C
TMA Maximum allowable temperature	500°C @ 58.3 bar g
Minimum allowable temperature	-50°C
PMO Maximum operating pressure	46 bar g
TMO Maximum operating temperature	500°C @ 46 bar g
Minimum operating pressure	1.5 bar g
Maximum operating back pressure	80% of the upstream pressure
Designed for a maximum cold hydraulic test	pressure of 150 bar g

Spare Parts

Item	Item
Replaceable Module	1,2,3,4,5,6
Seat Gasket , Seat	6,7
Disc	3
Strainer	9
Cap Gasket	10

Discharge Capacity

