

UTD-120 Thermodynamic Steam Trap with Inbuilt Strainer

Description:

UTD 120 is a Thermodynamic Steam Trap, manufactured in forged stainless steel construction. It is a very rugged design built for high pressure applications such as in power plants.

Also used for super heated steam applications.

Sizes :

15 NB to 25NB,

Body Design Conditions :

PMA - Maximum allowable Pressure - 250 Bar @ 522°C

TMA - Maximum allowable Temperature - 550°C @ 150 Bar

Operating Conditions :

PMO - Maximum allowable Pressure - 250 Bar at saturation temperature.

TMO - Maximum allowable Temperature - 550°C @ 150 Bar

Maximum Operating back pressure :

50% of the upstream pressure

Minimum operating back pressure :

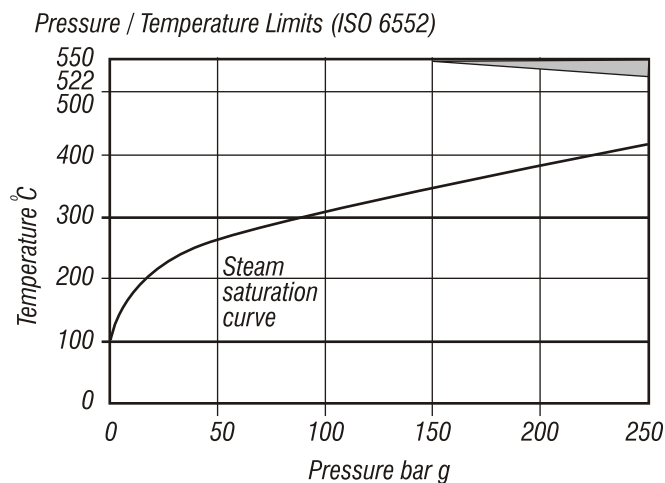
8 Bar

Pipe Connections :

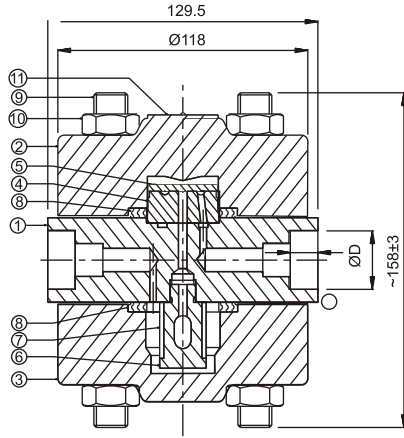
Socket Weld to ANSI B 16.11 # 6000,

Butt weld End to suit Sch. 160 pipe,

Flange connection - On request.





Note: if the product is used at pressures above 170 bar then a reduction in working life may be experienced.

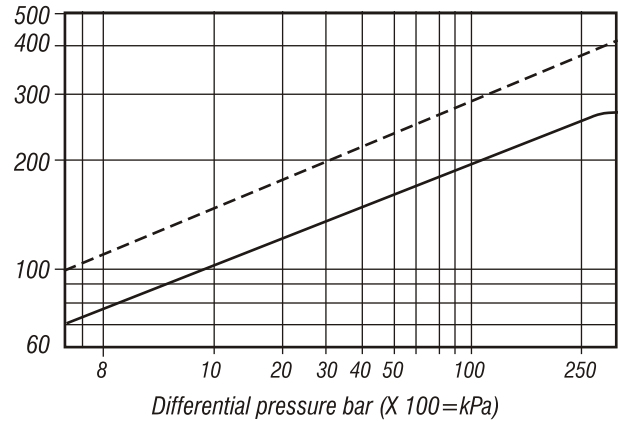


Sr.No.	Description	Material	Material Code	Qty.
11	Name Plate	Stainless Steel	AISI 304	1
10	Nut (Heavy Duty)	Carbon Steel	ASTM A 194 Gr.4	8
9	Stud	Alloy Steel	ASTM A 193 Gr.B16	8
8	Gasket	Spiral Wound	AISI 304 with GRAPHITE FILLER	2
7	Filter	Stainless Steel	AISI 304	1
6	Filter Housing	Stainless Steel	AISI 316	1
5	Disc	Tool Steel	ASTM A 681 Gr.D2	1
4	Seat	Tool Steel	ASTM A 681 Gr.D2	1
3	Bottom Cover	Alloy Steel	ASTM A 185 Gr.F22 Cl 3	1
2	Top Cover	Alloy Steel	ASTM A 185 Gr.F22 Cl 3	1
1	Body	Alloy Steel	ASTM A 185 Gr.F22 Cl 3	1

Recommended Tightening Torques

Item	Part	 or 	Nm
9	22 A/F		25-35
10	Nut	23 A/F	160 - 180
	Stud	M16	85 - 90

Capacities



Hot water capacity ——— Cold water capacity - - - - -