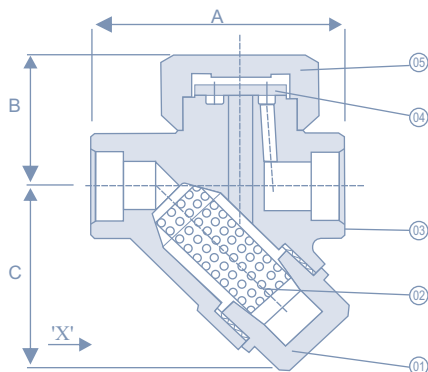


STEAM TRAP THERMODYNAMIC TD-3



Sr. No.	PARTS	MATERIALS
1	STRAINER CAP	ASTM A743 Gr. CA40 (Cast Equiv. AISI 420)
2	MESH	STAINLESS STEEL AISI 304
3	BODY	ASTM A743 Gr. CA 40 (Cast Equiv. AISI 420)
4	DISC	ASTM A743 Gr. CA 40 (Cast Equiv. AISI 420)
5	DISC CAP	ASTM A743 Gr. CA 40 (Cast Equiv. AISI 420)

FEATURES

MOC CA40 for better mechanical properties & corrosion resistance.

Maximum allowable pressure - 55 kg/cm² (g)

Inbuilt strainer to protect trap from contamination.

Hardened stainless steel seat and disc for extended service life.

Trap will function in any orientation (horizontal preferred).

Ideal for fluctuating load an pressure.

Replaceable stainless steel mesh.

Thermodynamic Steam Trap has Cyclic On-Off operation, with a Disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.
 Best suited for steam header, main line drainage and tracing application.

SIZE	15NB, 20 NB (½", ¾")	OPERATING PARAMETES	
END CONNECTIONS	SCREWED BSP/SW	MAX. WORKING PRESSURE	55.0 Kg/Cm ²
OPTIONS	IBR / NON-IBR	MAX. WORKING TEMPERATURE	424°C

Minimum differential pressure for satisfaction operation 0.25Kg/Cm2

Maximum operating Back pressure at outlet should not exceed 80% of the inlet pressure.

INSTALLATION

- The Trap should be installed as close as possible to system drain point.
- The system should be properly flushed prior to fitting the trap.
- Trap can be installed in any position, but horizontal with disc cap on top is preferred.
- Installation in any position simplifies piping layout.
- Installation should include full port isolation valve.

DIMENSION

SIZE	15 NB	25 NB
A	78	78
B	42	42
C	60	60

