

THERMODYNAMIC STEAM TRAPS DT42S

DESCRIPTION

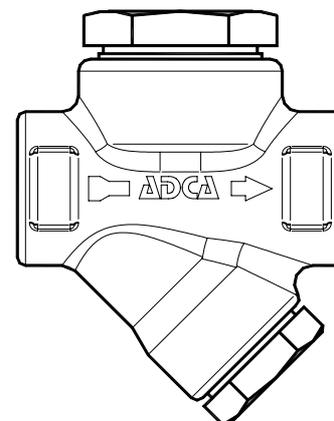
Thermodynamic DT42S disc steam traps are compact and lightweight-easy to install traps, excellent for high pressure systems, including steam tracing applications. These traps have only one moving part and offer a wide operating range, without adjustment. Connections are female screwed or flanged.



MAIN FEATURES

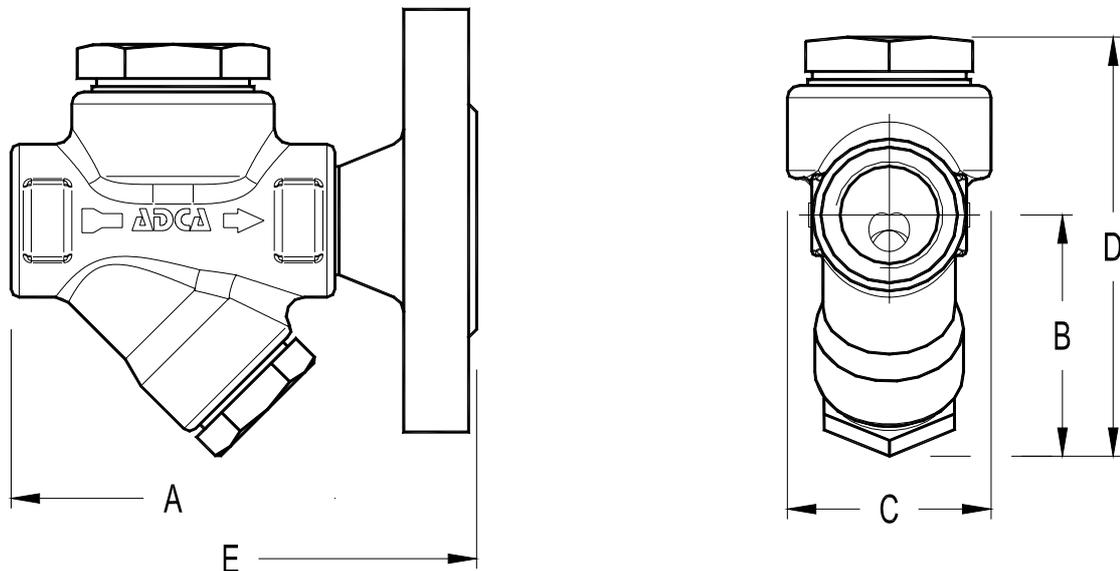
Intermittent discharge.
Operates on superheated steam.
The seat and disc can be easily replaced in field without removing the trap from the line.
Unaffected by water hammer and vibrations
Built-in easy-to-clean strainer.

- OPTIONS:** Insulation cap
Blow-off valve
- USE:** Saturated and superheated steam.
- AVAILABLE MODELS:** DT 42S
- SIZES:** DN ½" to DN 1" – DN15 to DN25
- CONNECTIONS:** Female screwed ISO7/1 Rp (BS21)
Flanged EN1092-1 PN40-PN63 or ANSI
- INSTALLATION:** Horizontal installation recommended.
Can be installed in any position.
- APPLICATION LIMITS:** Min-working pressure – 0,25 bar
Max.working back pressure – 80%

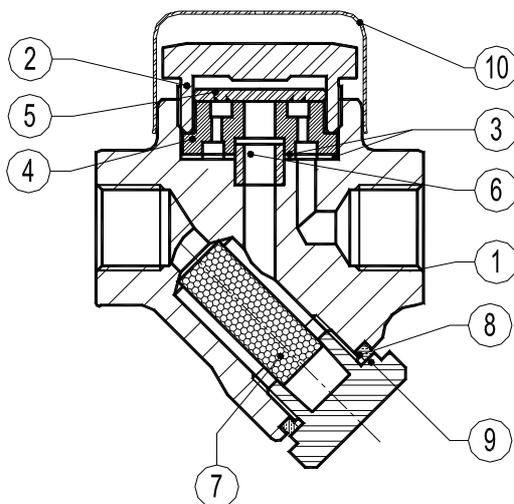


PMA – Max.allowable pressure 63 bar
TMA – Max.allowable temperature 400 °C
PMO – Max.operating pressure 42 bar
TMO –Max. Operating temperature 300 °C
How to order:i.e. DT42S DN ½" BSP

FLOW RATE CAPACITY IN Kgs/h														
MODEL	SIZE DN	DIFFERENTIAL PRESSURE (bar)												
		0,5	1	3	6	9	12	15	18	21	24	30	35	42
DT 42S	1/2"-15	200	210	350	480	580	660	740	800	850	910	1020	1100	1200
DT 42S	3/4"-20	310	320	520	720	860	980	1050	1175	1220	1350	1500	1600	1750
DT 42S	1"-25	470	485	800	1100	1310	1500	1750	1800	1950	2100	2300	2480	2720



DIMENSIONS (mm)-Screwed						EN Flanges	
SIZE DN	A	B	C	D	WGT. Kgs	E	WGT. Kgs
15	80	56	46	96	1	150	2,5
20	80	56	52	105	2	150	3,3
25	80	56	62	115	1,8	160	4,4



MATERIALS		
POS.Nr.	DESIGNATION	MATERIAL
1	Body	P250GH / 1.0460
2	Cover	AISI 304 / 1.4301
3	*Gasket	Graphite
4	*Seat	Hardened St.Steel
5	*Valve disc	Hardened St.Steel
6	*Tube	AISI 304 / 1.4301
7	*Strainer screen	AISI 304 / 1.4301
8	*Gasket	StainlessSt./Graphite
9	Plug	A105 / 1.0432
10	Insulating Cap	AISI 304 / 1.4301

*Available spare parts.