

## THERMODYNAMIC STEAM TRAPS

### DT 32

#### DESCRIPTION

Thermodynamic DT32 disc steam traps are compact and lightweight-easy to install traps, excellent for high pressure systems, including steam tracing applications.

A heating chamber in the cover ensures a consistent operation and makes it particularly suitable for those applications where the weather conditions such as rain and wind may affect the normal operation.

These traps have only one moving part and offer a wide operating range, without adjustment.

Connections are female screwed or flanged.

#### MAIN FEATURES

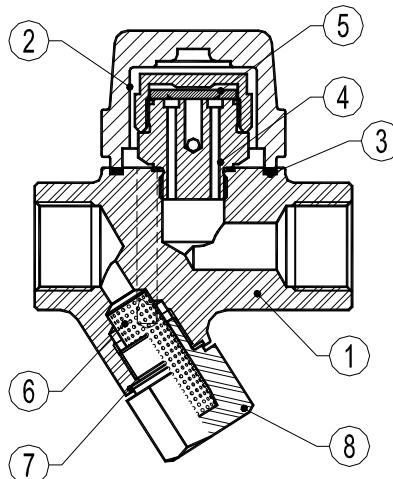
Intermittent discharge.

Unaffected by water-hammer and vibrations

Steam jacketed capsule (disc and cover set).

Replaceable capsule

Built-in easy-to-clean strainer.



#### OPTIONS:

Blow-off valve

#### USE:

Saturated and superheated steam.

#### AVAILABLE MODELS:

DT 32

#### SIZES:

DN 1/2" to DN 1" – DN15 to DN25

#### CONNECTIONS:

Female screwed ISO7/1 Rp (BS21)

Flanged EN 1092-1 PN40

#### INSTALLATION:

Horizontal installation recommended.  
Can be installed in any position.

#### APPLICATION

Min-working pressure – 0,25 bar

#### LIMITS:

Max. working back pressure – 80%

PMA – Max. allowable pressure

40 bar

TMA – Max. allowable temperature

400 °C

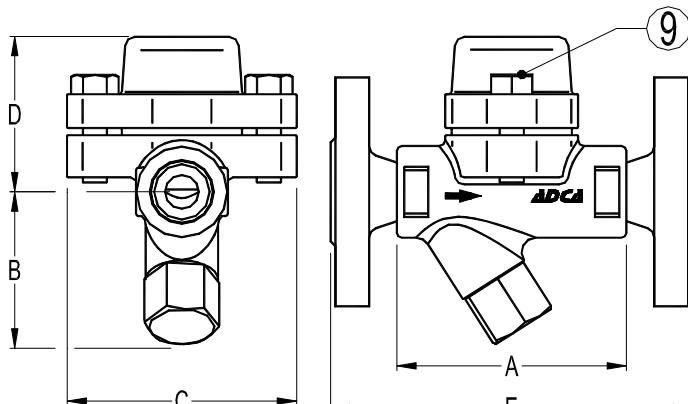
PMO – Max. operating pressure

32 bar

TMO – Max. operating temperature

350 °C

How to order:i.e. DT32 DN 1/2" BSP



| DIMENSIONS (mm)-Screwed |    |    |    |    |          | EN Flanges |          |
|-------------------------|----|----|----|----|----------|------------|----------|
| SIZE DN                 | A  | B  | C  | D  | WGT. Kgs | E          | WGT. Kgs |
| 15                      | 95 | 65 | 95 | 65 | 1,6      | 150        | 3,2      |
| 20                      | 95 | 65 | 95 | 65 | 1,6      | 150        | 3,3      |
| 25                      | 95 | 65 | 95 | 65 | 1,8      | 160        | 4,7      |

| MATERIALS |                  |                          |
|-----------|------------------|--------------------------|
| POS.Nr.   | DESIGNATION      | MATERIAL                 |
| 1         | Body             | P250GH / 1.0460          |
| 2         | Cover            | P250GH / 1.0460          |
| 3         | *Gasket          | Graphite                 |
| 4         | *Seat            | Hardened St.Steel        |
| 5         | *Valve disc      | Hardened St.Steel        |
| 6         | *Strainer screen | AISI 304 / 1.4301        |
| 7         | *Gasket          | Stainless st. / Graphite |
| 8         | Plug             | A105 / 1.0432            |
| 9         | Bolts            | A2-70                    |

\*Available spare parts.

| MODEL | SIZE    | FLOW RATE CAPACITY IN Kgs/h |     |     |     |     |     |     |     |     |     |     |     |
|-------|---------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|       |         | 0,5                         | 1   | 2   | 3   | 6   | 8   | 10  | 12  | 15  | 18  | 21  | 24  |
| DT 32 | 15 - 25 | 130                         | 180 | 200 | 240 | 355 | 410 | 500 | 550 | 600 | 640 | 710 | 750 |
|       |         |                             |     |     |     |     |     |     |     |     |     |     | 800 |