# INVERTED BUCKET STEAM TRAPS
## IB30S (Carbon steel / stainless steel)
## IB30SS (All stainless steel)

DESCRIPTION

IB 30 series inverted bucket steam traps are recommended for all services where the most important requirements are overall operating efficiency and long, trouble-free service life. They operate intermittently, either wide open or tightly closed and are therefore best suited for service at medium and high steam pressures.

Connections are female screwed or flanged .

MAIN FEATURES

Intermittent discharge.
Discharges condensate at steam temperature.
Unaffected by water hammer and vibrations.
Easy to maintain.

| | |
|---|---|
| USE: | Saturated and superheated steam. |
| AVAILABLE | |
| MODELS: | IB30S and IB30SS |
| SIZES: | IB30S-DN ½" -DN1" ;DN15 - DN25 |
| | IB30SS-DN ½" –DN3/4" ;DN15 - DN20 |
| CONNECTIONS: | Female screwed ISO7/1 Rp (BS21) |
| | Flanged DIN or ANSI |
| INSTALLATION: | Horizontal installation |
| | See IMI installation and maintenance instructions. |

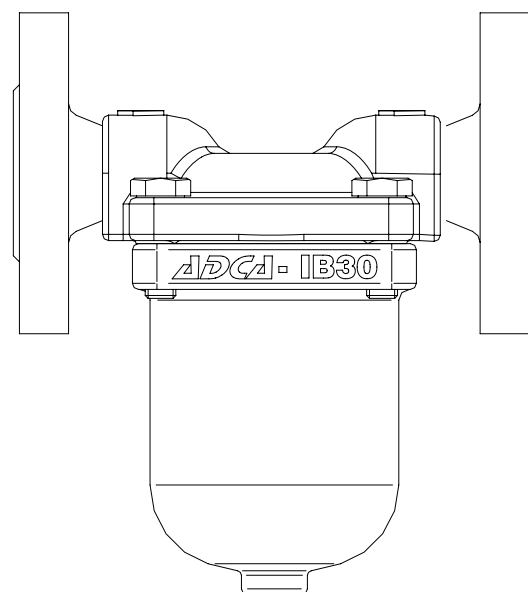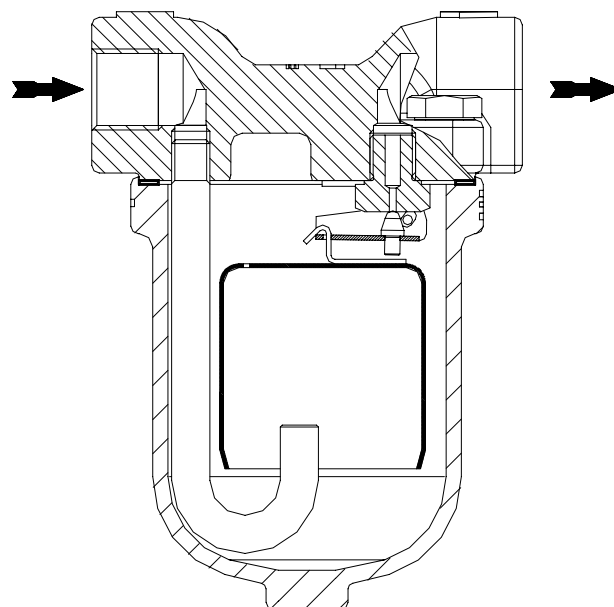| | |
|---|---|
| PMA – Max.allowable pressure | 40 bar |
| TMA – Max.allowable temperature | 425 ºC |
| PMO – Max.operating pressure | 27 bar |
| TMO – Max.operating temperature | 380 ºC |

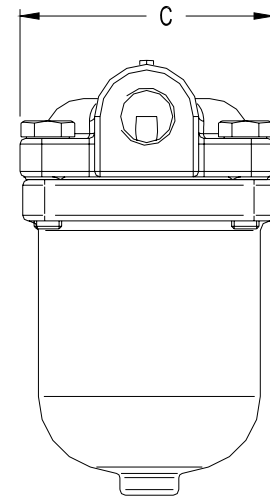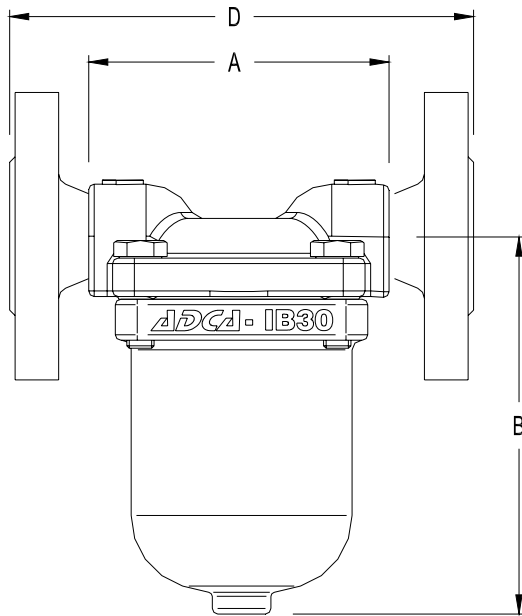How to order:i.e. IB30S-8 DN ½" BSP

MAX. DIFFERENTIAL PRESSURE
IB30S-4 – IB30SS-4 :    4 bar
IB30S-8 – IB30SS-8 :     8 bar
IB30S-12 – IB30SS-12: 12 bar

| MODEL | SIZE | DIFFERENTIAL PRESSURE (bar) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 |
| IB30-4 | 15 - 25 | 280 | 390 | 470 | 530 | | | | | | | |
| IB30-8 | 15 - 25 | 190 | 260 | 320 | 360 | 400 | 430 | 460 | 500 | | | |
| IB30-12 | 15 - 25 | 160 | 220 | 260 | 290 | 320 | 360 | 370 | 400 | 440 | 480 | 490 |

We reserve the right to change the design and material of this product without notice.

| DIMENSIONS (mm) | | | | | DIN Flanges | |
|---|---|---|---|---|---|---|
| SIZE DN | A | B | C | WGT. Kgs | D | WGT. Kgs |
| 15 | 110 | 125 | 92 | 2,3 | 170 | 3,8 |
| 20 | 110 | 125 | 92 | 2,3 | 170 | 4,3 |
| 25 | 110 | 125 | 92 | 2,3 | 180 | 4,9 |

| POS.Nr. | DESIGNATION | MATERIAL |
|---|---|---|
| 1 | Body | C22.8 / AISI 316 |
| 2 | Cover | AISI 316 |
| 3 * | Gasket | Non asbestos |
| 4 * | Seat | AISI 410 |
| 5 * | Valve | AISI 410 |
| 6 * | Lever | AISI 304 |
| 7 * | Bucket | AISI 304 |
| 8 | Inlet tube | AISI 304 |
| 9 | Bolts | Steel 8.8 / A2 |
| 10** | Anti-freeze device | AISI 304 |

* Available spare parts

**Optional