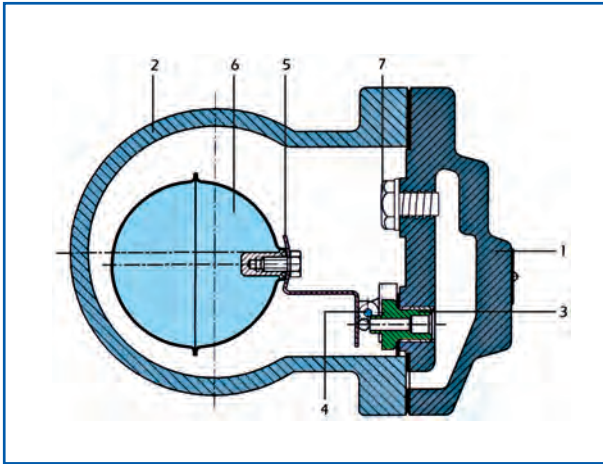


# LIQUID DRAINER

SA 51



## Materials

| N. | PARTS             | MATERIALS       |
|----|-------------------|-----------------|
| 1  | BODY              | DUCTILE IRON    |
| 2  | COVER             | DUCTILE IRON    |
| 3  | FLOAT SEAT        | AISI 304        |
| 4  | MAIN VALVE (ball) | STAINLESS STEEL |
| 5  | FLOAT LEVER       | AISI 304        |
| 6  | FLOAT             | AISI 304        |
| 7  | NUT               | AISI 304        |

## Liquid drainer

However efficient the system, moisture will usually condense and collect in compressed air and gas lines. If not removed, this liquid will reduce operating efficiency, corrode expensive plant and equipment and eventually result in costly downtime. SA 51 Liquid Drainers prevent this condensate from retarding circulation. They are available in a variety of designs. They can easily be dismantled for servicing, usually without disturbing pipe connections. Cover part can be arranged according to horizontal or vertical type.

## OPERATING CONDITIONS

|                                      |               |
|--------------------------------------|---------------|
| MAX. ALLOWABLE PRESSURE PMA (bar)    | 25            |
| MAX. ALLOWABLE TEMP. TMA (°C)        | 300           |
| MAX. OPERATING PRESSURE PMO (bar)    | 16            |
| MAX. DIFFERENTIAL PRESSURE PMD (bar) | 4.5 - 10 - 14 |
| MAX. OPERATING TEMP. TMO (°C)        | 250           |

## WEIGHTS

| CONNECTIONS   | FLANGED |     |     | SCREWED |      |     |
|---------------|---------|-----|-----|---------|------|-----|
| SIZES (mm)    | 15      | 20  | 25  | 1/2"    | 3/4" | 1"  |
| WEIGHTS (kg.) | 3.7     | 3.7 | 7.1 | 3.2     | 3.2  | 4.7 |

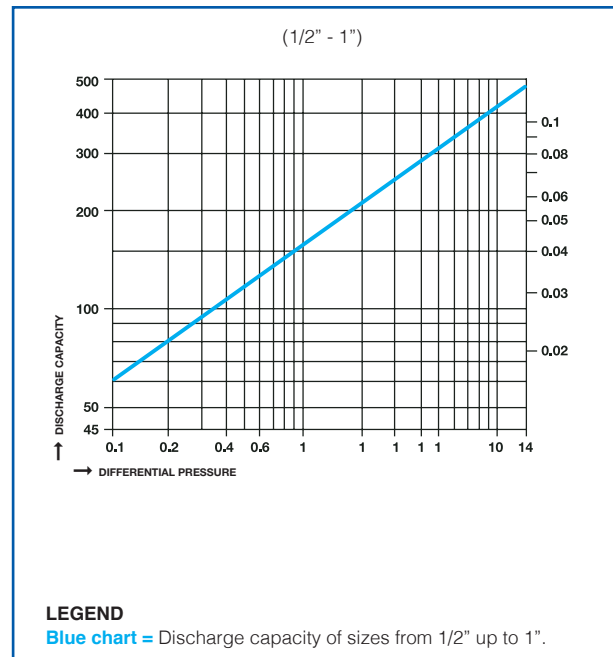
## CONNECTIONS

|         |   |
|---------|---|
| SCREWED | NPT acc. to ANSI B1 20.1<br>BSP acc. to BS 21 |
| FLANGED | DIN 2533 PN 16                                |

## SIZES

| mm      | inches    |
|---------|-----------|
| 15 - 25 | 1/2" - 1" |

## DISCHARGE CAPACITIES



## DIMENSIONS (mm)

| SIZE | A - K | B   | B1  | D   |
|------|-------|-----|-----|-----|
| 15   | 150   | 108 | 105 | 122 |
| 20   | 150   | 108 | 105 | 122 |
| 25   | 160   | 108 | 105 | 145 |

