

## Pulsation Dampener

### Technical Features

**Maximum working pressure:** 10 bar

**Test pressure:** 15 bar

**Body:**

in PVC

**Constructive methodology:** two different parts joined with a special thread that under condition of dynamic pressure tends to self-block

**Maximum working temperature:**

+ 50 °C

**Diaphragm:** different types in relation to the used fluid:

- |                    |                   |
|--------------------|-------------------|
| -Perbunan (NBR)    | -Butile           |
| -Nitrile (NBR)     | -Poliuretano      |
| -EPDM              | -Viton            |
| -Hytrell "Du Pont" | -Alcryn "Du Pont" |

**Installation position:** in every position

**Compression ratio:**

- recommended:  $P2/P0 = 2.5$
- maximum:  $P2/P0 = 6$

**Mechanical life:** the number of cycles is proportional to the increase compression ratio

For pulsation dampener applications, the nitrogen value must be from 60% to 80% of the working pressure also in relation with the working temperature

**Warranty:** see dedicated page

**Spare parts:** see dedicated page

**According to:**

- 97/23/CE – PED
- 94/9/CE – ATEX

