



Main Features

- Improves readability of pressure gauges
- Reduces the effect of pulsations
- Max. 600 bar
- Max. 250 °C
- Option: NACE conform

Applications

- Oil & Gas / Chemical
- Water & Waste water
- Energy
- Machinery

Description

Pulsation dampeners are used to protect pressure measurement instruments from ram effects and fluid pulses. They can be adjusted even during use.

In use, the ARA 06 has a greater operating adjustment range and can be used with manometers as well as with transmitters. Further, the ARA 06 is suitable for higher pressure and temperature ranges.

The ARA 10 must be screwed down fully then slightly unscrewed (1/8 turn maximum) to adjust the damping. Its adjustment range is thus smaller than that of the ARA 06. It cannot be used with transducers.

Technical data

| | ARA 10 | | | ARA 06 |
|-------------------------|------------------------|-----------------|-----------------|-----------------|
| | Brass | Steel | Stainless steel | Stainless steel |
| Body | Brass | Carbon steel | 1.4571 | 1.4404 |
| Valve stem | 1.4404 | | | 1.4404 |
| Gasket | NBR | | FKM | NBR + PTFE |
| Screw plug | Brass | Unalloyed steel | 1.4571 | 1.4404 |
| Max. pressure | 250 bar ⁽¹⁾ | 400 bar | 400 bar | 600 (400) bar |
| Max. temperature | 120 °C | 120 °C | 120 °C | 120 (250) °C |

⁽¹⁾ 400 bar with G 1/2

Options

| | |
|---------------------------------------|-----------|
| Compliant with NACE MR0175 and MR0103 | Code 0073 |
| Degreased for oxygen applications | Code 0765 |
| Material certificate 3.1 | Code Q003 |

