

21

Water hammer arrestors for straight line

Desbordes

Technical Data Sheet



Description

The Water hammer arrestors 21 reduces strongly soften water hammer due to equipment as mixer tap, 1/4 ball valve, solenoid valve...

- No maintenance required : no greasing, no pumping up because no tank to be swelled
- Optimum working around a 3 bars network
- The way of the flow must be respected to take advantage of venturi internal effect, improving efficiency



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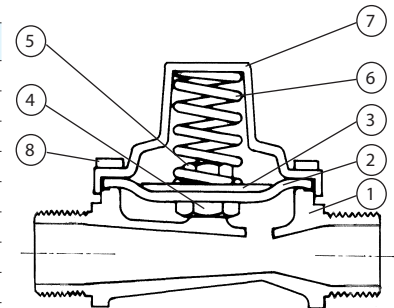
| DN | | PFA in bar | Ref. | Weight Kg |
|-----|----|---------------|-----------------|--------------|
| " | mm | | | |
| 3/4 | 20 | 5 | 149B7138 | 0,75 |

Technical features

| | |
|---|-----------------------|
| Operating temperature | -10 °C at 80 °C |
| Permissible operating pressure (PFA) in water | See table above |
| Connection | Male/male, BSP thread |
| Mediums | Water |

Nomenclature and materials

| N° | Designation | Materials | EURO | ANSI |
|----|---------------|-----------------------------|---------------|------------|
| 1 | Body | Chrome plated Bronze | CuSn5Zn5Pb5-C | ASTM B 505 |
| 2 | Membrane | NBR (polyamide reinforced) | | |
| 3 | Membrane ring | Brass | CuZn39Pb3 | ASTM B 124 |
| 4 | Screw | Stainless steel | X5CrNi18-10 | AISI 304 |
| 5 | Nut | Stainless steel | X5CrNi18-10 | AISI 304 |
| 6 | Spring | Anticorrosive treated steel | VD Cr Si | |
| 7 | Cap | Brass | CuZn39Pb3 | ASTM B 124 |
| 8 | Screw | Stainless steel | X5CrNi 18-10 | AISI 304 |



Approvals

ACS

International construction Standards :

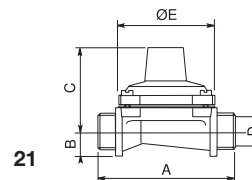
Thread connection NF EN ISO 228

Sizing

| DN | D | | A | B | C | ØE |
|----|-----|-------|-----|----|----|------|
| mm | " | mm | mm | mm | mm | mm |
| 20 | 3/4 | 20/27 | 100 | 18 | 61 | 72,5 |

Application

The Water hammer arrestors 21 is for domestic plumbing installation.



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