

508F

Non-return valves with ball
System B

Technical Data Sheet



Description

The non-return valves with ball 508F consists of a self-cleaning ball lifted by the fluid and guided to a lateral seat, completely out of the way. This system provides a full bore, even with loaded fluids, without any risk of blockage.

- Vertical and horizontal position (position of the ball housing below the axis of the pipe).
- Minimum head loss
- Silent, robust
- Non incrustating materials
- Closing system : floating ball
- Sealing ensured by elastomer seal fixed on the seat



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| DN | | PFA in bar | Ref. | Weight Kg |
|-------|----|---------------|-----------------|--------------|
| " | mm | | | |
| 1 | 25 | 10 | 149B3212 | 1,30 |
| 1 1/4 | 32 | 10 | 149B3213 | 1,90 |
| 1 1/2 | 40 | 10 | 149B3214 | 2,45 |
| 2 | 50 | 10 | 149B3215 | 3,50 |
| 2 1/2 | 65 | 10 | 149B3216 | 5,90 |

Important notice :

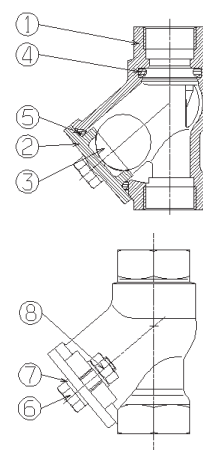
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

Technical features

| | |
|---|------------------------------------|
| Operating temperature | -10 °C to 80 °C |
| Permissible operating pressure (PFA) in water | See table above |
| Connection | Female / female, BSP or NPT thread |
| Mediums | Waste water |

Nomenclature and materials

| N° | Description | Materials | EURO | ANSI |
|----|-------------|-----------------------|---------------------------|-------------------------|
| 1 | Body | Cast iron / Epoxy ext | EN1561 EN-GJL-250 | ASTM A 48 35 B |
| 2 | Cover | Ductile iron / Epoxy | EN1563 EN-GJS-400-15 | ASTM A 536 66-45-12 |
| 3 | Ball | Resin / Epoxy | | |
| 4 | Seal | NBR (nitrile) | | |
| 5 | Seal | NBR (nitrile) | | |
| 6 | Screw | Stainless steel A2 | EN 100 88- 3 X5Cr-Ni18-10 | AISI 304 NF EN 150 3506 |
| 7 | Washer | Stainless steel A2 | EN 100 88- 3 X5Cr-Ni18-10 | AISI 304 NF EN 150 3506 |
| 8 | Nut | Stainless steel A2 | EN 100 88- 3 X5Cr-Ni18-10 | AISI 304 NF EN 150 3506 |



Approvals



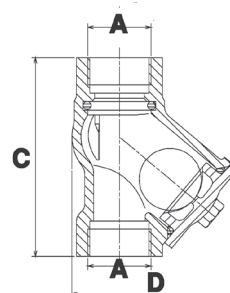
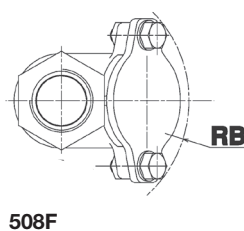
International construction Standards :
Thread connection according to NF EN ISO 228-1

Application

For use as an air valve or to prevent waste water backflow.

Sizing

| A | | RB | C | D |
|-------|-------|-----|-------|-------|
| " | mm | mm | mm | mm |
| 1 | 26/34 | 76 | 114 | 95 |
| 1 1/4 | 33/42 | 85 | 132 | 110,5 |
| 1 1/2 | 40/49 | 93 | 145 | 121 |
| 2 | 50/60 | 107 | 173,5 | 144 |
| 2 1/2 | 66/76 | 127 | 200 | 174,5 |





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