



## FIRE PLUG WITH SOFT SEALING GATE VALVE

### Product description

- Fire plug with soft sealing gate valve for drinking water and neutral liquids
- Service temperature from 0°C (excluding frost) to 70°C

### Standards

- Designed according to EN 1074 part 1 & 2 and EN 1171
- Internal and external parallel BSP thread (Type G) according to ISO 228-1 and ISO 1179-1
- Storz outlet according to DIN 14311

### Tests

All valves are individually hydrostatically tested according to EN 1074-1/2 and EN 12266:

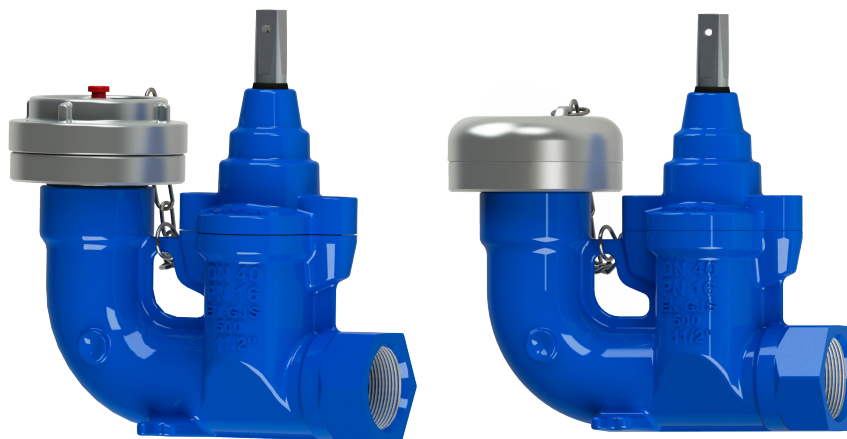
- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar). Operation torque test

### Corrosion protection

- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating fusion bonded according EN 14901-1 and GSK (RAL-GZ662) guidelines

### Features

- Full bore
- Low operating torque
- Brass stem washer provides stress fixation and low operating torque
- Stainless steel stem with rolled threads produced by cold rolling process, which keeps the steel structure and increase its mechanical resistance
- Stem sealing with POM bearing with 4 O-rings and a bottom joint in EPDM
- Brass wedge fully vulcanized with drinking water approved EPDM
- Round EPDM bonnet gasket fixed in a recess ensuring a perfect seal
- Body/bonnet bolts in stainless steel A2 encased and sealed ensuring full corrosion protection
- Storz 52 outlet that can be equipped with a storz outlet with purgador or with storz inviolable blank cap
- Accessories: handwheel [ref.05.100] and stem cap [ref. 05.200]
- On request possibility of stem in stainless steel AISI 316L or with different water outlets.



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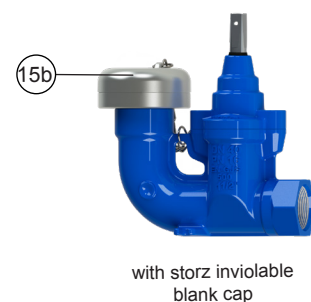
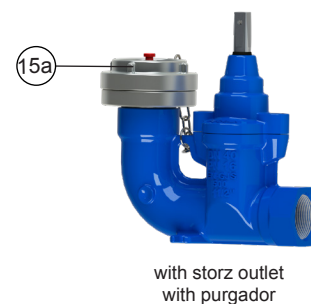
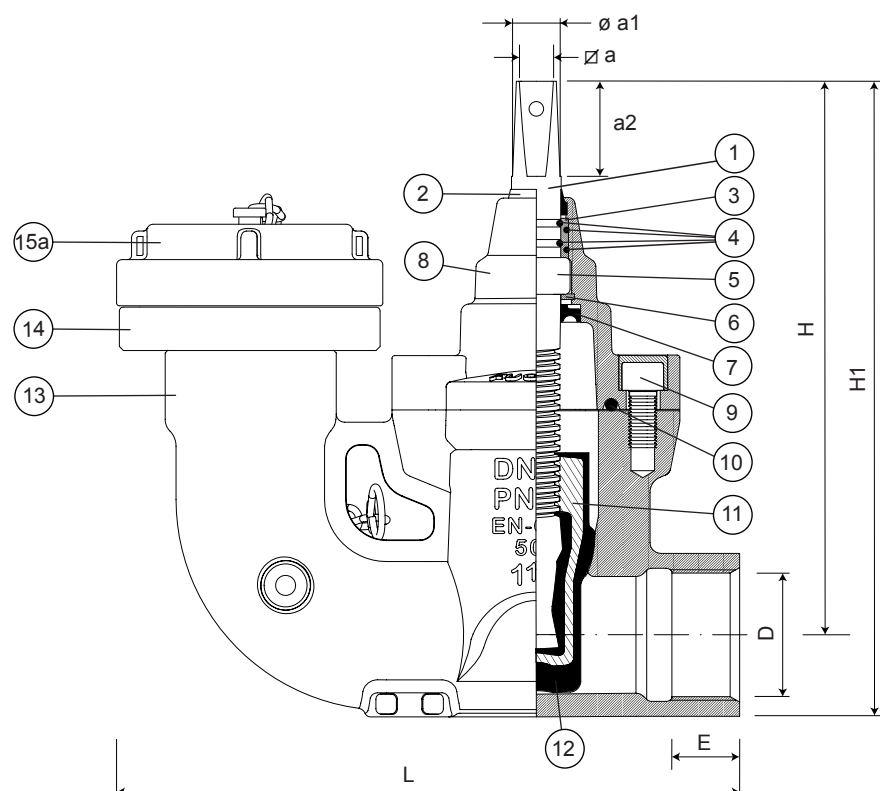
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## Component list

| pos. | components     | material                     | standard     |
|------|----------------|------------------------------|--------------|
| 1    | Stem           | Stainless steel AISI 420     | EN 10088 - 1 |
| 2    | Clearing joint | Elastomer                    |              |
| 3    | Bearing        | POM                          |              |
| 4    | O-rings        | Elastomer EPDM               | EN 681 - 1   |
| 5    | Stem washer    | Brass                        | EN 12164     |
| 6    | Retaining ring | Stainless steel A2           | EN 10088 - 1 |
| 7    | Joint          | Elastomer EPDM               | EN 681 - 1   |
| 8    | Bonnet         | Ductile iron<br>EN-GJS-500-7 | EN 1563      |
| 9    | Bolts          | Stainless steel A2           | EN 10088 - 1 |

| pos. | components                           | material                     | standard   |
|------|--------------------------------------|------------------------------|------------|
| 10   | Bonnet gasket                        | Elastomer EPDM               | EN 681 - 1 |
| 11   | Wedge                                | Brass                        | EN 12164   |
| 12   | Wedge covering                       | Elastomer EPDM               | EN 681 - 1 |
| 13   | Body                                 | Ductile iron<br>EN-GJS-500-7 | EN 1563    |
| 14   | Storz hose Couplings                 | Aluminium AISI 12            | EN 1706    |
| 15a  | Bonnet storz outlet with<br>purgador | Aluminium AISI 12            | EN 1706    |
| 15b  | Bonnet storz inviolable<br>blank cap | Aluminium AISI 12            | EN 1706    |

## Reference and dimensions

| code     | designation                                  | Inlet<br>D (BSP) | Outlet<br>type | L<br>mm | E<br>mm | H<br>mm | H1<br>mm | Ø a<br>mm | Ø a1<br>mm | a2<br>mm | turns<br>to open | Kg<br>approx. |
|----------|----------------------------------------------|------------------|----------------|---------|---------|---------|----------|-----------|------------|----------|------------------|---------------|
| 11209810 | Fire plug with storz outlet with<br>purgador | G 1 1/2"         | Storz 52       | 230     | 25      | 204     | 234      | 13.1      | 18         | 35       | 10               | 6             |
| 11209820 | Fire plug with storz inviolable<br>blank cap | G 1 1/2"         | Storz 52       | 137     | 25      | 204     | 234      | 13.1      | 18         | 35       | 10               | 6             |



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