

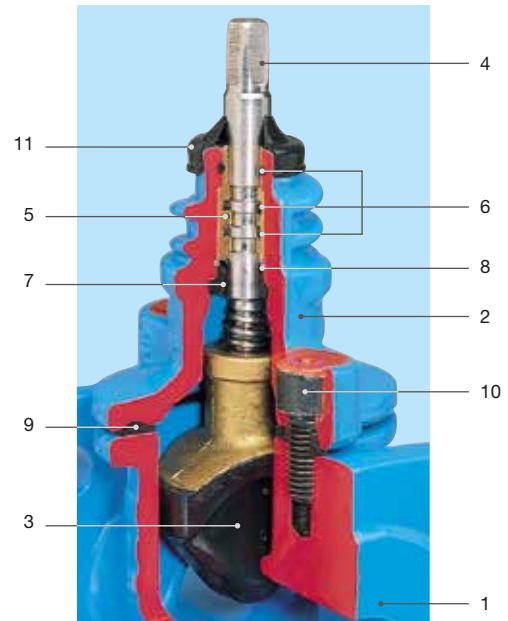
# Service valve

## Overview

### Design features

#### Ductile iron valve

- **Resilient seated gate valve** with smooth and straight-through bore
- Flange valve
- Valve with ISO-fitting
- Valve with thread
- Service valve for PE fusion
- Service valve
- Service valve with drainage
- 2 O-rings mounted on all sides in rust-proof material
- Spindle bearing made of brass
- Threaded connection for extension spindle
- Suitable for all underground installations
- For service connection fittings made of ductile iron with external thread, the free lying threads must be protected against corrosion according to trade regulations after assembly



### Material | Technical features

- 12 **Body (1), bonnet (2)** made of ductile iron, epoxy powder coated inside and out (see page 4)
- 3 **Wedge** made of brass, with vulcanised elastomer
- 4 **Duplex stainless steel spindle** with rolled thread and flat-rolled sealed sliding surface
- 5 **Spindle bearing** (O-ring carrier) made of brass
- 6 **O-rings** made of elastomer
- 7 **Back seat** made of elastomer
- 8 **Retaining ring** made of stainless steel
- 9 **Bonnet gasket** made of elastomer
- 10 **Internal hexagonal screws** recessed and absolutely corrosion protected through casting compound
- 11 **Wiper ring** made of elastomer

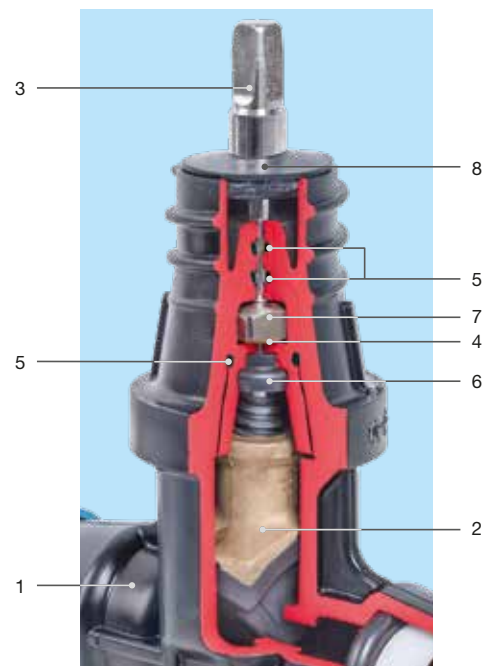
### Design features

#### Valve made of POM

- **Resilient seated gate valve** with smooth and straight-through bore
- Valve with ISO-fitting
- Valve with Hawle-Fit socket
- Valve with thread
- Service valve for PE fusion
- Service valve
- Bonnet with body homogeneously connected through rotational welding
- 2 O-rings for spindle sealing
- Spindle bearing made of brass
- Overload protection
- Threaded connection for extension spindle
- Suitable for all underground installations

### Material | Technical features

- 1 **Body** made of POM
- 2 **Wedge** made of brass, with vulcanised elastomer
- 3 **Duplex stainless steel spindle** with rolled thread and flat-rolled sealed sliding surface
- 4 **Spindle bearing** made of brass
- 5 **O-rings** made of elastomer
- 6 **Back seat** made of elastomer
- 7 **Overload protection** made of stainless steel
- 8 **Wiper ring** made of elastomer



# Water meter consoles

## Design features

- Compact design - with integral backflow preventer
- Problem-free assembly and dismantling of the water meter by length adjustment (supplied without water meter)
- Potable water up to 30 °C
- Electrical earthing link to base plate
- Order no. 2931 and 2932 with drainage plug

## Material | Technical features

- **Valve body** made of brass
- **Wall plate** made of aluminum  
(including fastening set for water meter console)  
No. 2931, 2932 made of ductile iron, epoxy powder coated
- **Handwheel:**  
No. 2930, 2960 made of steel  
No. 2931, 2932 made of POM
- **Meter substitution connector:**  
No. 2933 1¼" made of POM with gasket (for No. 2931, No. 2932)  
2" made of galvanized steel (for No. 2930)

## Application example



No. 2930

No. 2931

No. 2932

No. 2960



No. 2931  
DN 1"

No. 2931  
DN 1¼"

No. 2932  
DN 1"

No. 2960  
DN 2"

No. 2933  
od 1¼"

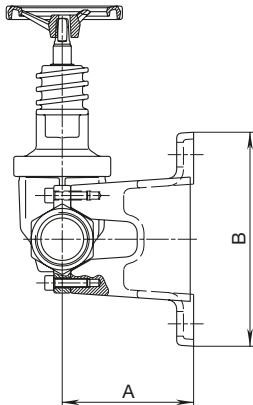
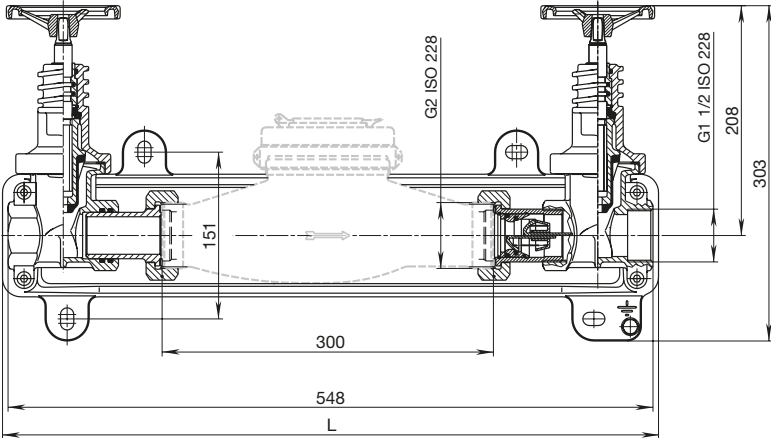


| Order No. | MOP (PN) | DN   | Valve connection (without meter substitution connector)   | k <sub>v</sub> -value<br>m³/h at 1 bar Δ p | For water meter<br>EN 15154-1 |  |
|-----------|----------|------|---|--|-------------------------------|--|
| 2930      | 16       | 1½"  | 2 internal threads G 1½" ISO 228                          | 32,1                                       | 20 m³/h                       |  |
| 2931      |          | 1 "  | 2 internal threads G 1" ISO 228                           | 11,4                                       | 3 (5) m³/h - 7 (10) m³/h      |  |
|           |          | 1¼** | 2 external threads R 1¼" EN 10226                         | 11,4                                       | 3 (5) m³/h - 7 (10) m³/h      |  |
| 2932      |          | 1 "  | 1 ZAK 34 socket connector, 1 internal thread G 1" ISO 228 | 11,4                                       | 3 (5) m³/h - 7 (10) m³/h      |  |
| 2960      |          | 2"   | 2 internal threads G 2" ISO 228                           | 47,2                                       | 20 m³/h                       |  |

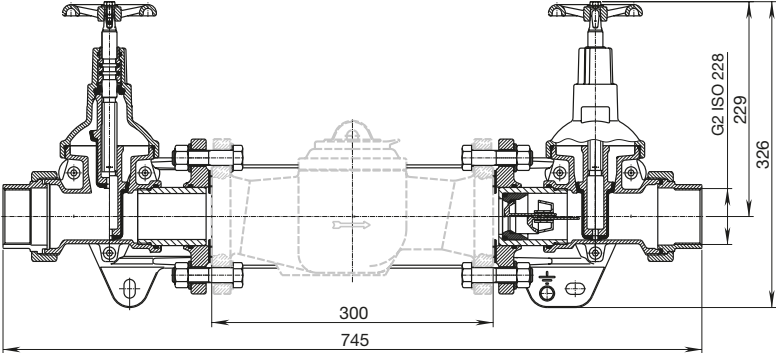
Special versions: "DN 1¼" with 2 internal threads G 1¼ ISO 228

# Water meter consoles

No. 2930 DN 1½"



No. 2960 DN 2"

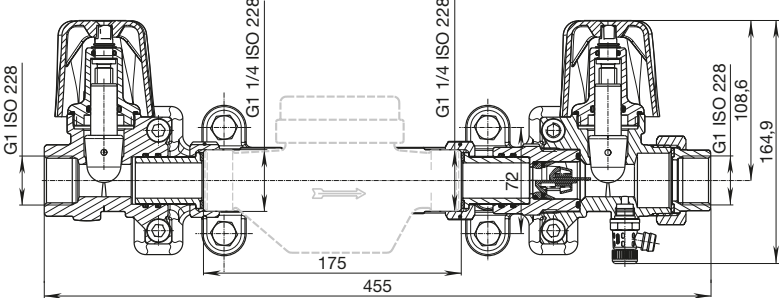


| DN  | Meter connection | A   | Wall plate |     | Weight |
|-----|------------------|-----|------------|-----|--------|
|     |                  |     | L          | B   |        |
| 1"  | 1¼"              | 90  | 300        | 100 | 7,00   |
| 1¼" | 1¼"              | 90  | 300        | 100 | 7,10   |
| 1½" | 2"               | 115 | 590        | 190 | 10,50  |
| 2"  | Flange DN 50     | 125 | 590        | 190 | 20,00  |

Meter substitution connector

| DN  | No. 2933 ET ISO 228 | Length | Weight |
|-----|---------------------|--------|--------|
| 1"  | 1¼"                 | 175    | 0,16   |
| 1¼" | 1¼"                 |        |        |
| 1½" | 2"                  | 300    | 1,67   |

No. 2931 DN 1"



No. 2931 DN 1¼"

