

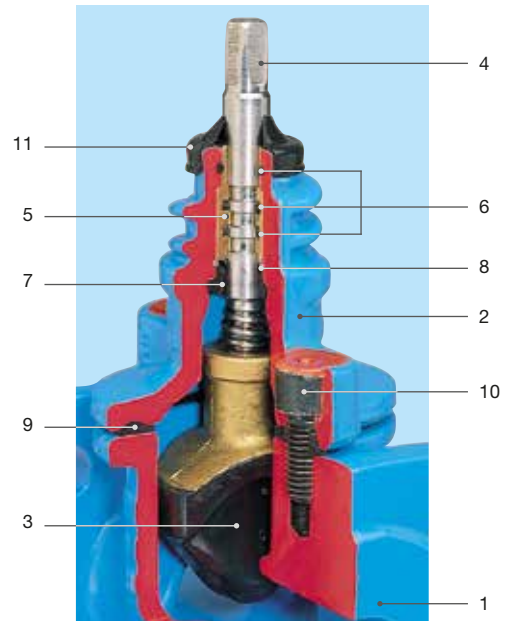
Service valve

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

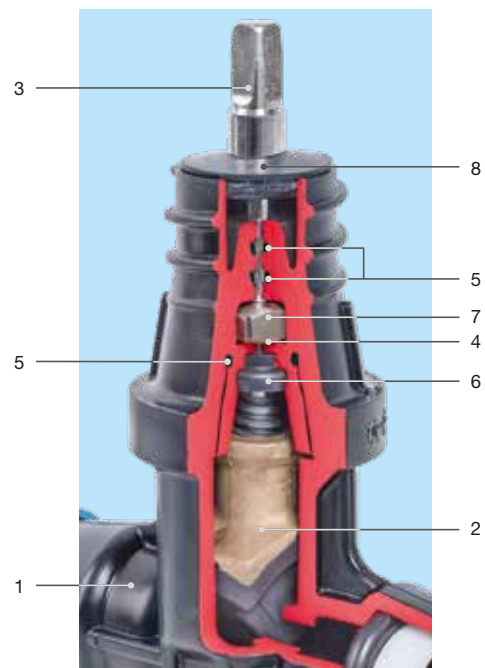
Design features

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



Service valves

Made of ductile iron

Design features

- Resilient seated gate valve with optimum flow passage
- For vertical installation on pipe saddles
- Sealing system: the contact between shut-off plug and body is friction free. Therefore no scuffing or abrasion of the seal
- Service connection service valves with internal thread are equipped with a corrosion protection ring to prevent corrosion
- For service connection angle valves with external thread, the free lying threads must be corrosion protected according to the trade regulations after assembly
- **No. 3128:** Protection against pressure water only when fully opened

Standard version: without handwheel and extension spindle

Special versions: on request

Material | Technical features

- **Body and bonnet:** made of ductile iron, epoxy powder coated
- **Shut-off plug** made of brass, with vulcanized elastomer
- **Hose fitting** made of chrome-plated brass

Suitable accessories

Suitable accessories: see page J 1/2

| | | |
|--------------------|-------------|---------------------|
| Handwheel: | | No. 7800 |
| Extension spindle: | rigid | No. 9101 |
| | telescopic | No. 9601 |
| Surface box: | rigid | No. 1550, No. 1650 |
| | telescopic: | No. 1850, No. 1851K |
| Spindle extension: | | No. 7820 |
| Sealing cap: | | No. 2156, No. 2157 |
| Chamfering tool: | | No. 6000 |
| Saddle blade: | | No. 6010 |
| Pipe cutter: | | No. 6050 |
| Mounting spray: | | No. 3443 |

No. 3120

No. 3128

No. 3130



STRUCTURE
of grip ring for
PE pipes

| Order No. | Version | MOP (PN) | Dimensions/DN | | | |
|--------------|---|----------|---------------|-----|-----|----|
| | | | 1" | 1¼" | 1½" | 2" |
| 3120* | with thread outlet | 16 | | | | |
| 3128 | with thread outlet and automatic drainage device | | | | | |
| 3130* | with ISO-fitting for PE pipes acc. to EN 12201, DIN 8074* | | | | | |

No. 3130 can be adapted for PVC pipe with carborundum grip ring at extra cost

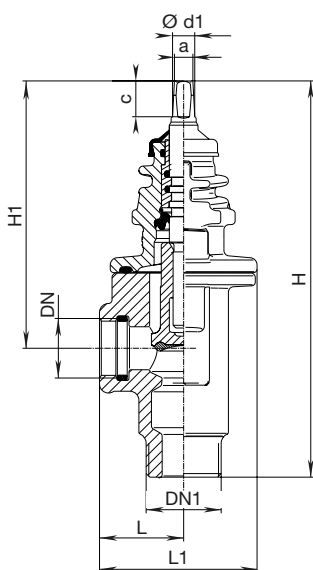
* Up to 30 °C medium temperature

Application example



Service valves

Made of ductile iron



Service valve with thread outlet

No. 3120

| DN ISO 228 | DN 1 EN 10226-1 | Valve | | | | Spindle | | | Weight |
|---------------|--------------------|-------|-----|-----|-----|---------|----|------|--------|
| | | L | L1 | H | H1 | a | c | Ø d1 | |
| 1" | 1¼" | 47 | 93 | 227 | 159 | 10,3 | 20 | 16 | 2,34 |
| 1¼" | 2" | 55 | 108 | 271 | 191 | | | | 3,60 |
| 1½" | 2" | 56 | 109 | 280 | 193 | | | | 3,90 |
| 2" | 2" | 60 | 113 | 289 | 196 | | | | 4,40 |

Service valve

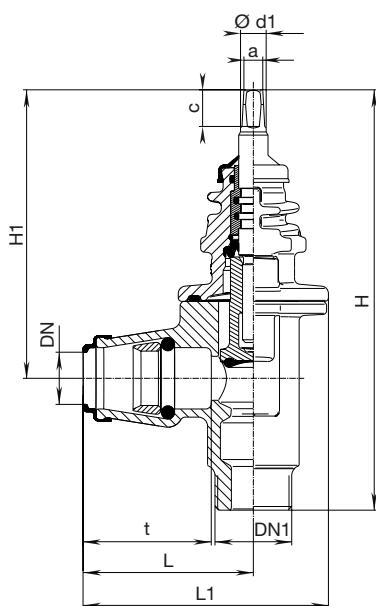
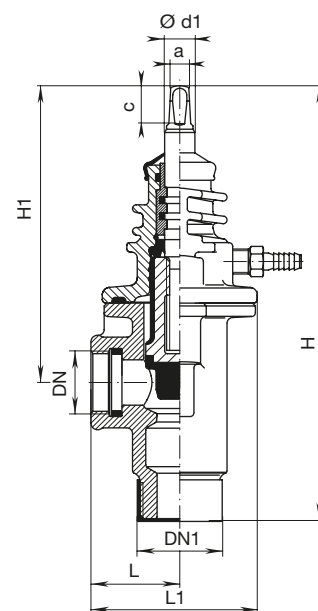
With internal thread outlet and automatic drainage device

NOT suitable for locations with a drainage hole under the water table; Please observe the flow directional arrow - protection against pressure water only when fully opened;

The automatic drainage of the service is only available when the valve is fully shut!

No. 3128

| DN ISO 228 | DN 1 EN 10226-1 | Valve | | | | Spindle | | | Weight |
|---------------|--------------------|-------|-----|-----|-----|---------|----|------|--------|
| | | L | L1 | H | H1 | a | c | Ø d1 | |
| 1" | 1¼" | 47 | 93 | 242 | 170 | 10,3 | 20 | 16 | 2,34 |
| 1½" | 2" | 56 | 109 | 292 | 205 | | | | 3,90 |



Service valve

With ISO outlet for PE pipes

No. 3130

| DN | Ø Pipe ext. | DN 1 EN 10226-1 | Valve | | | | | Spindle | | | Weight |
|-----|-------------------|--------------------|-------|-----|-----|-----|-----|---------|----|------|--------|
| | | | t | L | L1 | H | H1 | a | c | Ø d1 | |
| 1" | 32 | 1¼" | 63 | 86 | 132 | 231 | 159 | 10,3 | 20 | 16 | 2,50 |
| 1¼" | 40 | 2" | 77 | 106 | 159 | 273 | 191 | | | | 3,90 |
| 1½" | 50 | 2" | 91 | 120 | 173 | 283 | 193 | | | | 4,23 |
| 2" | 63 | 2" | 103 | 135 | 188 | 289 | 196 | | | | 5,30 |