

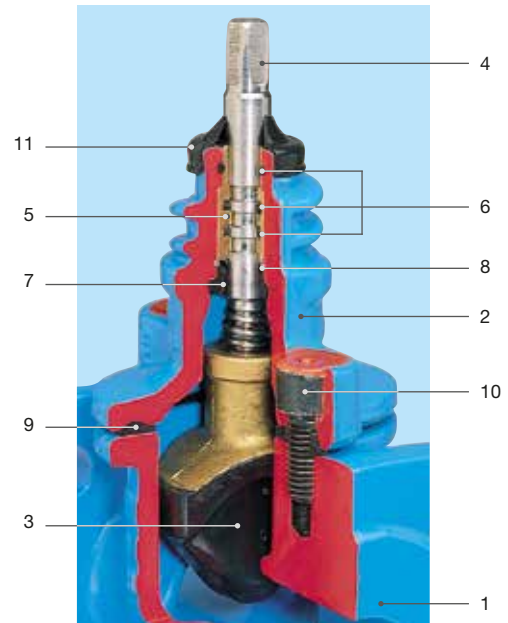
Service valve

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



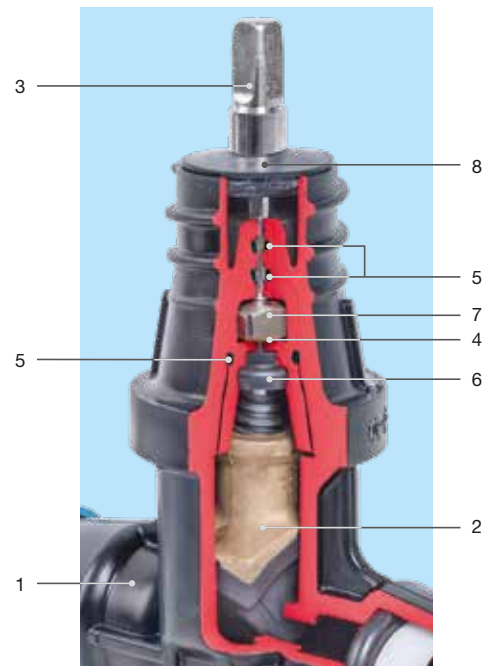
Material | Technical features

- 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 valve

Made of POM with Hawle-FIT sockets

Design features

- Resilient seated gate valve with smooth straight-through bore
- For PE pipes according to EN 12201 and DIN 8074 | up to PN 16; up to 30 °C medium temperature
- The high-tensile connection to the pipe is achieved via the two HAWLE-FIT sockets
- Assembly-ready supply: no screwing required before inserting the pipe
- All parts made of corrosion free materials
- Maximum spindle torque: 80 Nm.
- Easy disassembly without special tools
- Sealing system: the contact between wedge and body is friction free. Therefore no scuffing or abrasion of the wedge
- Hawle FIT socket details see page K 2/1

Standard version: without handwheel and extension spindle

Special versions: on request

Material | Technical features

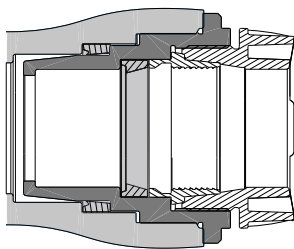
- 1 **Clamping nut** made of POM
- 2 **Lip seal** made of elastomer
- 3 **Grip ring** made of POM

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
 - Pipe cutter: No. 6050
 - Mounting spray: No. 3443
 - Support liners: No. 6021
 - Hawle-FIT type for reducer: No. 6640HF

Design features

- For the reduction of Hawle-FIT socket



No. 2631



Order No.	Version	MOP (PN)	Dimensions/DN			
			1"	1¼"	1½"	2"
2631	With Hawle-FIT socket	16				

PE 80: SDR 7,4 - SDR 17,6
PE 100: SDR 11 - SDR 17

For PE 80 and PE 100: SDR 17,6 and 17 we recommend using a support liner

Hawle-FIT type for reducer No. 6640HF



Order No.	Version	MOP (PN)	Dimensions/DN					
			32 25	40 25	40 32	50 32	50 40	63 40
6640HF	With Hawle-FIT socket	16						

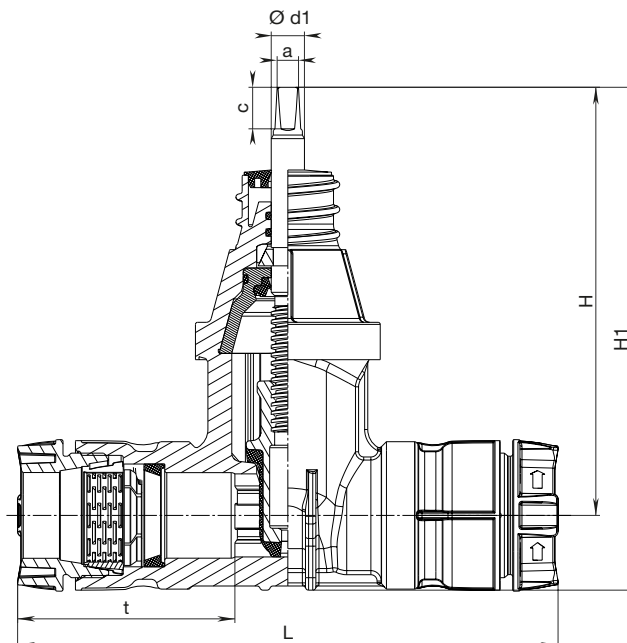
Service valve

Made of POM with Hawle-FIT sockets

Service valve, POM

With dual Hawle-Fit connections sockets for PE-pipes

No. 2631

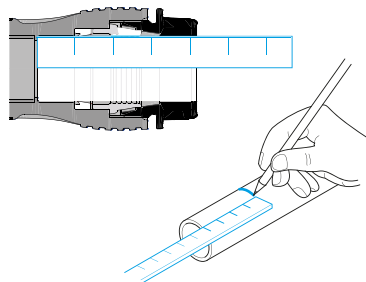


DN	Ø pipe ext.	Valve				Spindle			Weight
		t	L	H	H1	a	c	Ø d1	
1"	32	84	216	177	212	10,3	20	16	1,05
1¼"	40	105	260	205	241				1,56
1½"	50	116	294	205	247				1,83
2"	63	123	306	228	278				2,47

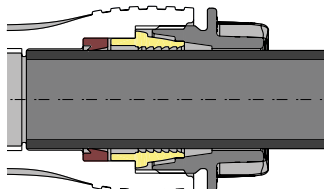
Benefits of the Hawle-FIT sockets

- Ready to install from packaging
- Can be mounted without previous chamfering of the pipe ends
- Low insertion forces
- Defined stop of the clamping nut made of POM for a secure connection
- Easy assembly and disassembly without special tools
(Clamping nut can be fixed with a standard commercially available pipe cutter)

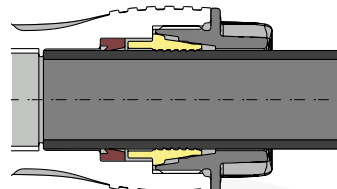
Assembly instructions



Measuring the insertion depth



POM clamping nut open



Pom clamping nut fully tightened