

DRILLING SADDLE

1 CHARACTERISTICS AND BENEFITS

- Valve intended for reliable closing of liquid flow
- Easy house connection
- Suitable for PE/PVC pipes and pipes of similar materials
- The saddle with a closing slide plate allows installation on pipelines under pressure
- Bayonet or threaded connection possible
- 90° swivel elbows allow connections of different dimensions
- Thread for simple assembly of the extension spindle
- Max. drilling diameter 33 mm
- Thread for simple assembly of the extension spindle
- Maintenance free
- Simple handling
- Inside and outside Epoxy colour coating in RAL 5005

2 STANDARDS

- Valves manufactured and tested acc. to EN 1074-2 (water supply valves)
- Thread acc. to ISO 228
- Ductile iron acc. to EN 1563
- Final strength and tightness test acc. to EN 12266-1
- Corrosion protection acc. to DIN 30677-2 and EN 14901
- Sealing elements for drinking water acc. to EN 681
- Microbiological suitability acc. to EN 16421 (W270)

3 APPROVALS

- DVGW, UBA, W270, ACS WRAS, Belgaqua for EPDM sealing elements and Epoxy coating
- GSK – RAL-GZ 662/2 for corrosion protection
- DVGW certificate for the German market
- EAC for the Russian market
- VIK for the Croatian market
- EMI for the Hungarian market

ART. 611 BRINA

DN 63–315

PN 16



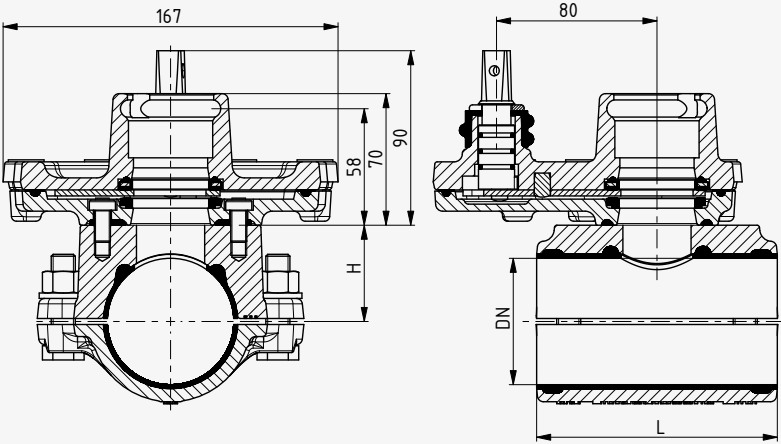
Note: Elbow not part of basic version.

POSSIBLE ADDITIONS ON DEMAND

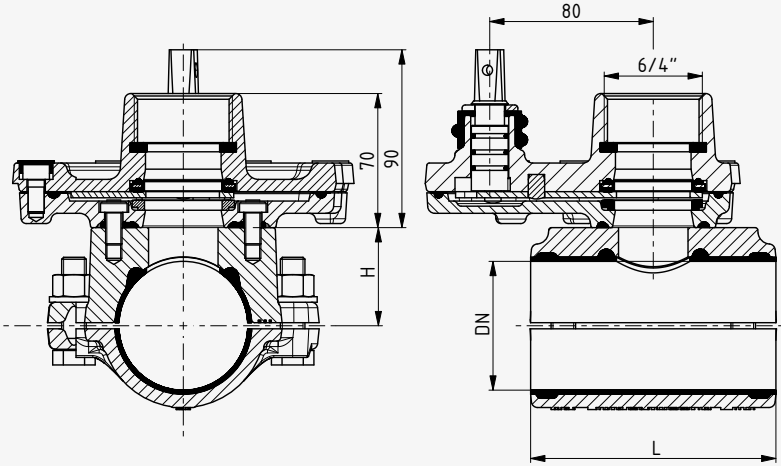
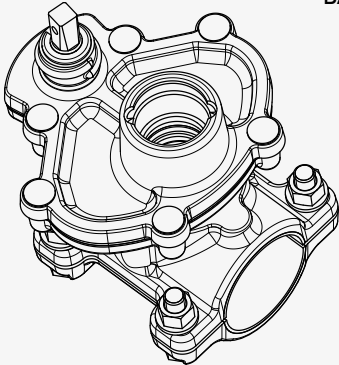
- Telescopic extension spindle
- Connection elbows
- T-key (for telescopic spindle)
- Pipe connection
- Saddle
- Drilling machine

PN	16
Max. operating pressure [bar]	16
Max. operating temperature for neutral liquids [°C]	50
Shell strength and tightness: test with air; rate A [bar]	25
Seat tightness: test with air; rate A [bar]	17,6

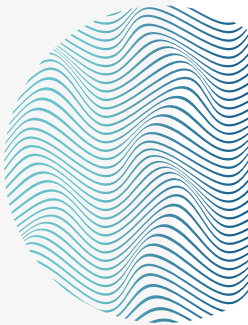
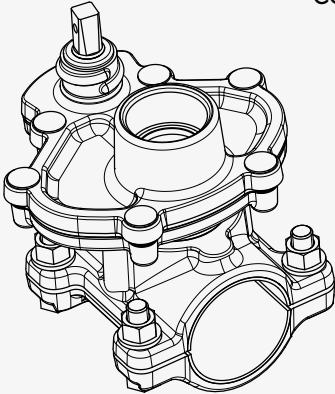
TECHNICAL DRAWING



WITH BAYONET JOINT



WITH THREADED CONNECTION



DATA

DN	63	75	90	110	125	140	160	180	200	225	250	280	315
L [mm]	120	120	140	140	130	130	130	135	140	145	150	155	160
H [mm]	46	52	60	70	79	87	97	107	117	130	142	157	175

MATERIALS

BASIC VERSION	
Body	EN GJS-400-15 (GGG-40)
Closing slide	Stainless steel W. Nr. 1.4301
Stem	Stainless steel W. Nr. 1.4021
Screw material	Stainless steel A2
Gaskets	EPDM for potable water
Epoxy powder coating	RAL 5005, min. 250 µm