VAG HYDRUS® G Underground Hydrant

PN 16 - DN 80

KAT-A 1611

Product characteristics and benefits

- VAG HYDRUS® G1 with single shut-off, type A or VAG HYDRUS® G2 with double shut-off, type AD acc. to DIN EN 14339 and 1074-6
- With flange end acc. to EN 1092-2
- Maintenance-free stem seal with O-rings located in the bearing bush
- Encapsulated clearance free stem bearing for increased reliability and durability
- Self-closing cover, claw with retaining lugs, orifice protection
- Simple installation due to patented, integrated multifunction seal on connecting flange
- One-piece jacket, no risk of leaks on the flange connection
- Safety interlock to protect maintenance staff
- Double, independent draining system with pressure water protection
- With brass seat bushing

Materials

- Jacket pipe: Ductile iron EN-GJS-500-7 (GGG-50)
- Bonnet: Ductile iron EN-GJS-400-15 (GGG-40)
- Claw: Ductile iron EN-GJS-400-15 (GGG-40)
- Valve cone: Ductile iron EN-GJS-400-15 (GGG-40) all around EPDM vulcanized
- Seat bush: Brass

Corrosion protection

- Internally and externally epoxy coated acc. to GSK guidelines

Versions

- Standard version as described

Field of application

- Underground installation

Tests and approvals

- Final inspection test according to EN 12266-1 (leakage rate A)
- DVGW tested and registered
- Elastomers approved acc. to W270

Accessories

- T-key
- Surface box cast iron
- Plastic base plate
- Drain block DN 80
- Frost protection jacket
- N piece (GGG) DN 80
- Standpipe C
- Standpipe B
- Box cleaner
- Hydrant extension

Operation data

- Flow capacity: kv 110 m^3/h

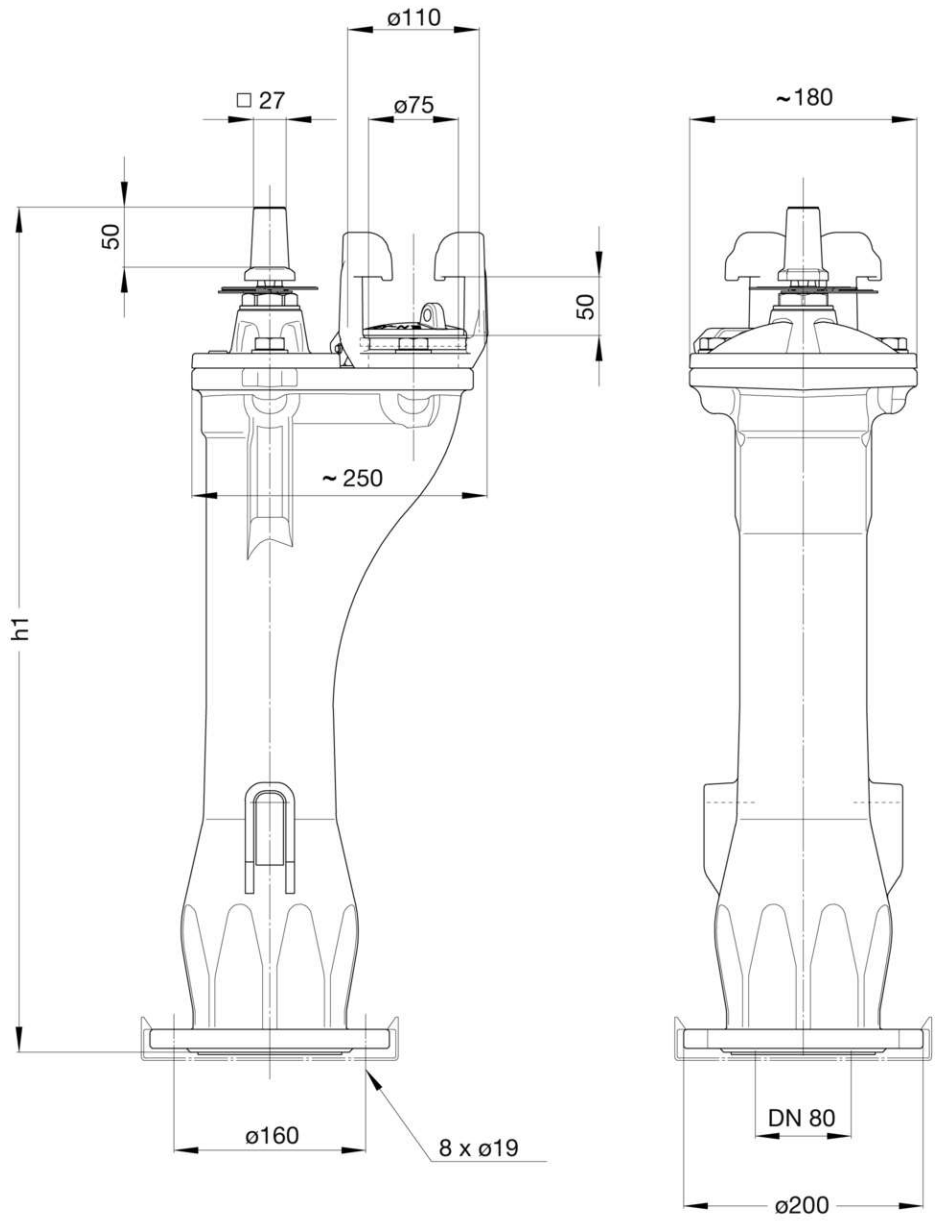
Note

For proper installation and safe operation please follow the installation and operation instructions:
KAT-B 1611

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
80	16	16	50

Drawing



Technical data

PN 16

DN		80	80	80	80
Installation depth	**[m]**	**0.75**	**1.00**	**1.25**	**1.50**
h1	[mm]	527	725	975	1225
Turns/stroke		8.5	8.5	8.5	8.5
Weight approx.	[kg]	30.00	33.00	36.00	39.00
Volume approx.	[m^3]	0.03	0.045	0.06	0.075