

PN 16 - DN 80...200

KAT-A 1071-Mu-Mu

Product characteristics and benefits

- Resilient seated in accordance with EN 1074
- With socket connection on both sides
- Low operating torque due to plastic sliding guides on the wedge
- Double function socket type for internal and external bayonet locking acc. DIN 28603
- Pull-out proof due to positive connection and friction-locked connection
- Short assembly times due to easy assembly or disassembly
- Stress-free laying due to flexibility of inclination up to +/- 3°
- Variable use for ductile cast iron pipes or plastic pipes due to easy replacement of sealing ring
- Maintenance-free and corrosion-resistant stem sealing
- With triple O-ring sealing
- Low wear due to wedge guiding and elongated stem bearing
- Suitable for vacuum of up to 90%

Materials

- Body: Ductile iron EN-GJS-400-15 (GGG-40)
- Bonnet: Ductile iron EN-GJS-400-15 (GGG-40)
- Wedge: Ductile iron EN-GJS-400-15 (GGG-40) encapsulated with EPDM vulcanized
- Stem: Stainless steel 1.4057
- Stem nut: Brass

Corrosion protection

- Internally and externally epoxy coated acc. to GSK guidelines

Versions

- Standard version as described
- With TYTON sealing rings (for ductile cast iron pipes)
- With GKS sealing rings (for PVC and PE-HD pipes)

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
- Installation equipment
- Extension spindle
- Surface box cast iron
- Plastic base plate
- VAG SERIO[®]plus position indicator

Note

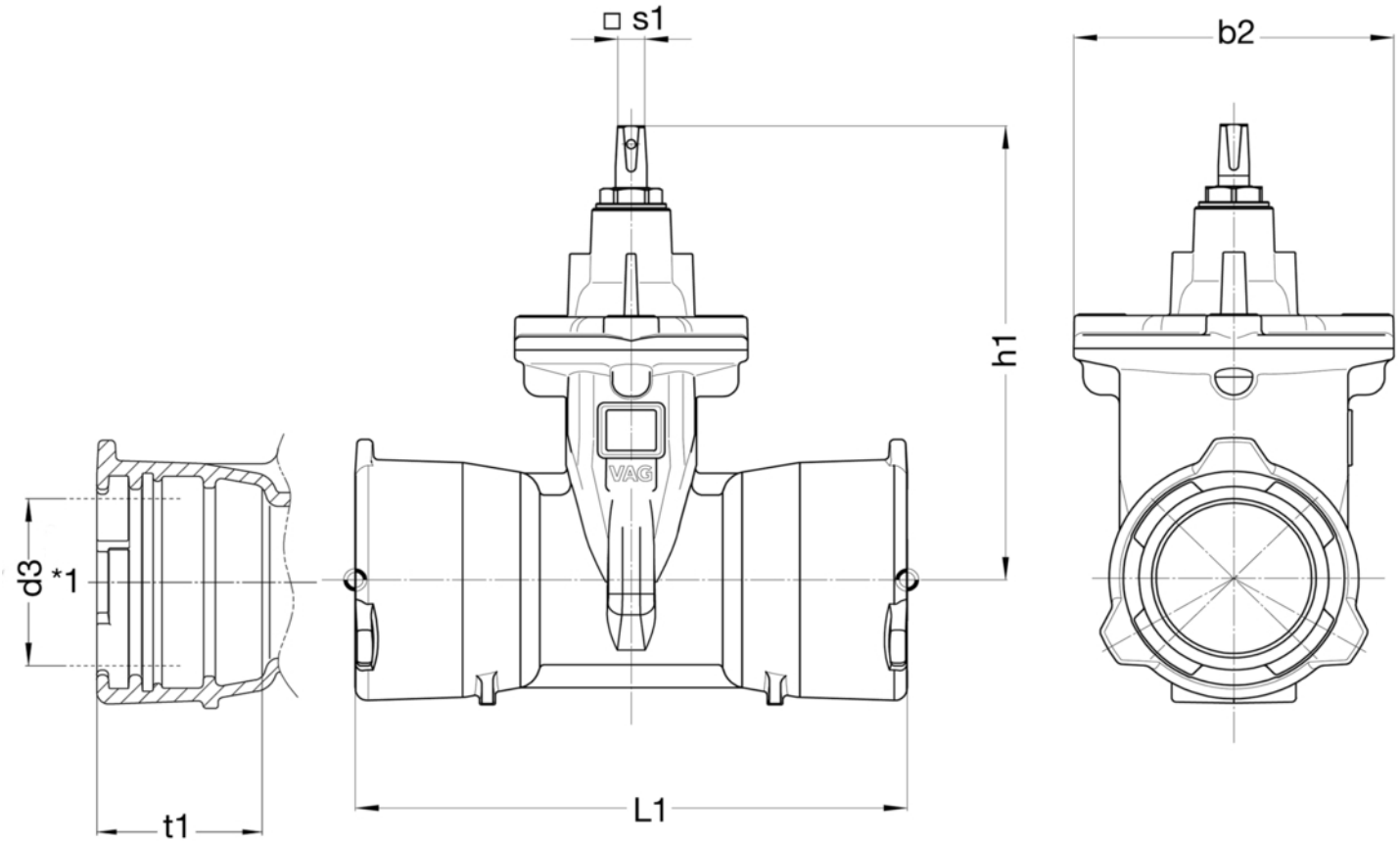
For proper installation and safe operation please follow the installation and operation instructions:

KAT-B 5210

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
80...200	16	16	50

Drawing



*1: Pipe diameter of ductile cast-iron pipe

Technical data

PN 16

DN		80	100	125	150	200
L1	[mm]	333	355	374	387	420
b2	[mm]	206	206	228	252	330
d3	[mm]	98	118	144	170	222
h1	[mm]	278	310	347	386	493
s1	[mm]	17	19	19	19	24
t1	[mm]	105	110	115	115	125
Turns/stroke		21.5	21.5	26.5	32	34
Weight approx.	[kg]	16.50	23.00	28.50	40.00	58.00
Volume approx.	[m ³]	0.02	0.02	0.04	0.05	0.09