


PN 16 - DN 80...400

KAT-A 1816

Product characteristics and benefits

- Design in accordance with DIN 3543 Part 2
- Vertical tapping under pressure for
 - Cast iron pipes
 - Steel pipes
 - Cement-lined pipes
- Maximum tapping diameter 38 mm
- One tapping bridge size for all DN
- With integrated main shut-off and auxiliary stop cock
- Outlet with female thread G 1 1/2"
- Use of a tapping machine
- Suitable for cast-iron pipes, fibre-cement- and PE-coated pipes, steel pipes as well as PE-coated steel pipes
- With integrated and easy handling auxiliary ball valve (PTFE sealing)

Materials

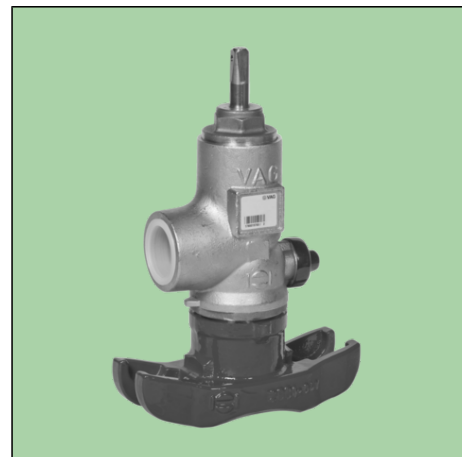
- Valve body: Brass
- Valve unit: Brass
- Saddle: Ductile cast iron EN-JS 1030 (GGG-40)
- Stem: Stainless steel 1.4021
- Bolts, nuts, washers: Stainless steel A2 (DIN EN ISO 3506)

Corrosion protection

- Saddle: Inside and outside epoxy coating

Field of Application

- Underground installation


Tests and approvals

- Final inspection test acc. to EN 12266 (DIN 3230 Part 4)

Accessories

- T-key E
- Installation equipment
- Surface box cast iron
- Plastic base plate

Note

Proper function can only be ensured if original VAG clamping pieces are used. Clamping piece has to be ordered separately.

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

"Installation and Operating Instructions for Valves"

Field of application

DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
80...400	16	16	50

Pressure test acc. to EN 12266

Test pressure body with water [bar]	Test pressure seat with water [bar]
24	17.6

VAG TERRA®-M1 Tapping Bridge

for cast iron-, steel- and cement-lined pipes

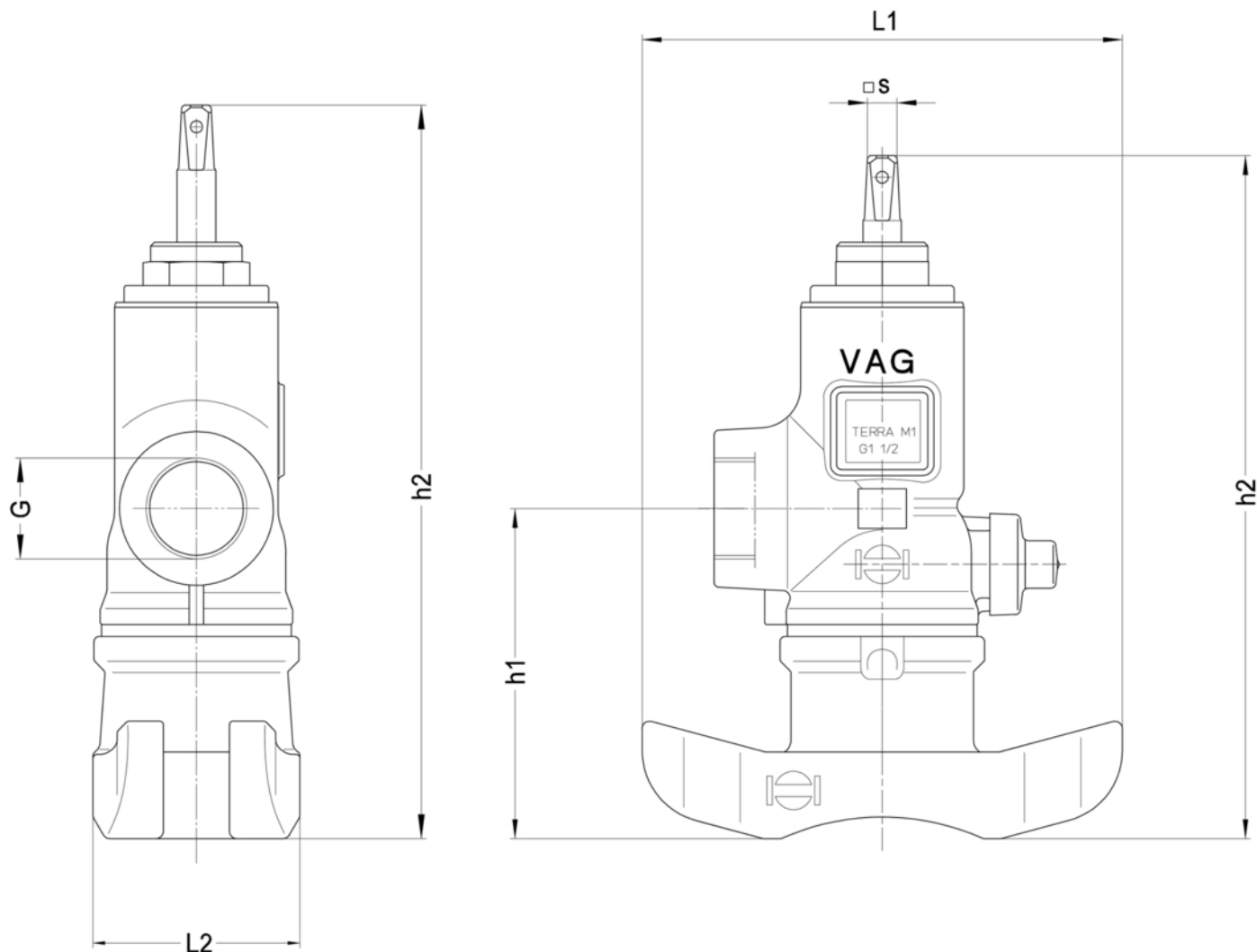


Water

Drawing

open

closed



Technical data

DN	80	100	125	150	200	250	300	350	400
PN	16	16	16	16	16	16	16	16	16
G Screw connection [inch]	11/2	11/2	11/2	11/2	11/2	11/2	11/2	11/2	11/2
L1 [mm]	200	200	200	200	200	200	200	200	200
L2 [mm]	90	90	90	90	90	90	90	90	90
Turns/stroke	9	9	9	9	9	9	9	9	9
h1 [mm]	137	137	137	137	137	137	137	137	137
h2 open [mm]	304	304	304	304	304	304	304	304	304
h2 closed [mm]	284	284	284	284	284	284	284	284	284
□ s1 [mm]	12	12	12	12	12	12	12	12	12
Weight approx. [kg]	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60
Volume approx. [m³]	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010