



PN 16 - DN 80...400

KAT-A 1823-S-M1

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 31 mm
- VAG TERRA®lock plug-type connection with patented, flexible locking ring
- For easy manual assembly with the VAG TERRA®lock plug-type connection
- Use of tapping machine with VAG TERRA®lock adapter
- With integrated, easy-to-operate auxiliary ball valve
- One saddle size for all DN
- Suitable for cast-iron pipes, fibre-cement- and PE-coated pipes, steel pipes as well as PE-coated steel pipes

Materials

- Saddle: Ductile cast iron EN-JS 1030 (GGG-40)
- Seal: EPDM
- Auxiliary ball valve: components made of rust-proof materials

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)
- Elastomers approved acc. to W270

Accessories

- VAG-TERRA®lock adapter and purging unit for the use of a tapping machine
- VAG-TERRA®lock Tapping Valve
- VAG-TERRA®lock plug-type fitting
- VAG Clamping piece for TERRA®-M1
- VAG-TERRA®lock 90° elbow fitting

Note

Trouble-free function can only be guaranteed when original VAG clamping pieces are used. Clamping piece must be ordered separately.

For proper installation and safe operation please follow the installation and operation instructions:
KAT-B 1823

Field of application

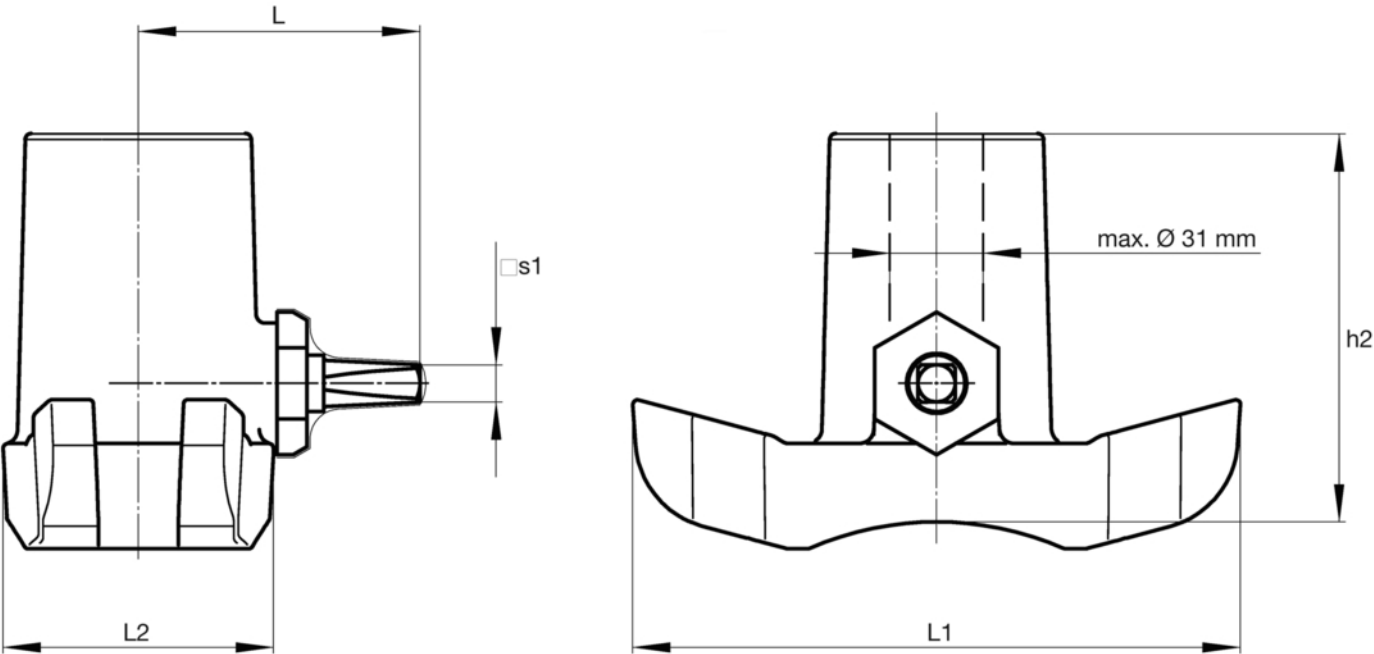
DN	PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
80...400	16	16	50

Pressure test acc. to EN 12266

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



Drawing



Technical data

DN		80	100	125	150	200	250	300	350	400
PN		16	16	16	16	16	16	16	16	16
L	[mm]	93	93	93	93	93	93	93	93	93
L1	[mm]	200	200	200	200	200	200	200	200	200
L2	[mm]	90	90	90	90	90	90	90	90	90
h2	[mm]	130	130	130	130	130	130	130	130	130
□ s1	[mm]	12	12	12	12	12	12	12	12	12
Weight approx.	[kg]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Volume approx.	[m³]	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050