



KAT-A 5412-FV-KI-A

Product characteristics and benefits

- For operation of VAG BETA[®] 200 and VAG EKO^{®plus} Gate Valves in surface box
- With KLICK-FIX coupling sleeve for automatic locking with valve
- Automatic locking via tight fitting springs
- KLICK-FIX ready for installation pre-assembled to standard coupling sleeve
- Enlargement of installation depth areas by use of two plugged in TELEMAR[®] with standard coupling sleeve
- The assembly of the second TELEMAR[®] is possible at any time, even in installed and/or refilled state
- Can be mounted and locked without special tools
- Dirt resistant interlock between two TELEMAR[®]
- Adjustable in any position, self-supporting
- Protects the valve from vertical loads
- Pull-out proof in end position
- Protective tube, bell and cover welded all together to create a pull-out proof system
- Significantly higher force transmission as required by DVGW GW336
- By the use of the sealing and interlocking unit for VAG BETA[®] 200 Gate Valve and VAG EKO^{®plus} Gate Valves the complete unit is dirt resistant and interlocked

Materials

- Telescopic square stem: Hot-galvanized
- Connection pins: Hot-galvanized
- Telescopically lock: Stainless steel 1.4305
- Coupling sleeve: Ductile cast iron EN-JS 1030 (GGG-40), hot-galvanized
- Stem square cap: Ductile cast iron EN-JS 1030 (GGG-40), hot-galvanized
- Protective tube, welded bell and cover: PE
- KLICK-FIX springs: Stainless steel 1.4305
- KLICK-FIX notched pins: Stainless steel 1.4310

Versions

- With mechanical VARIO position indicator
- With electrical VARIO position indicator
- With HAWLE screw coupling

Field of Application

- Underground installation



With KLICK-FIX

Accessories

- Extension set 30 cm
- Extension set 50 cm
- DVE (Sealing and interlocking unit) for BETA[®] Gate Valves
- Lockable square cap

Note

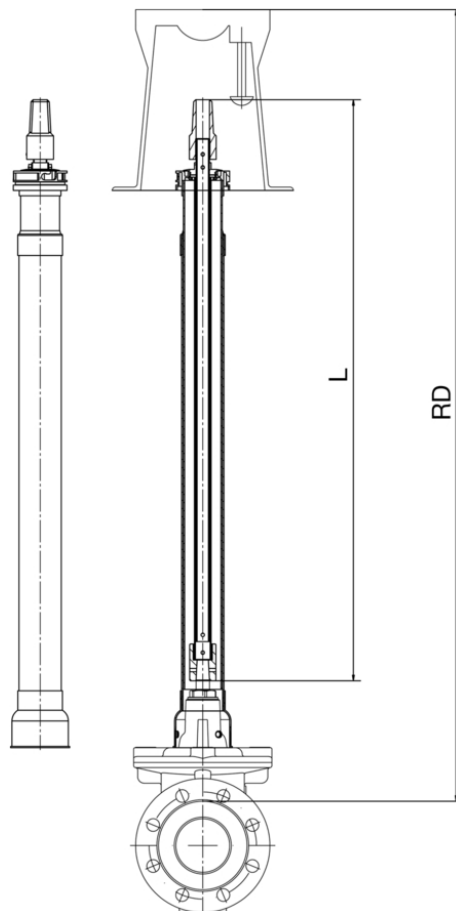
Different extension sets are available should in practice the necessary installation depth not be attained by a few centimetres. These help to compensate for deviations of up to 30 or 50 cm in installation depth. They include a perforated key rod, a protective tube with welded bell and a tube cover.

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

“Installation and Operating Instructions for Valves”



Drawing



Technical data

DN range 40/50

| RD Installation depth min...max [m] | 0.7...1.0 | 0.9...1.3 | 1.2...1.8 | 1.7...2.8 |
|--|-----------|-----------|-----------|-----------|
| L effective length min | 449 | 569 | 864 | 1344 |
| L effective length max | 676 | 906 | 1466 | 2425 |
| Strength torque [Nm] according to DVGW | 250 | 250 | 250 | 250 |

Different installation depths available on request

DN range 65/80

| RD Installation depth min...max [m] | 0.7...1.0 | 0.9...1.3 | 1.2...1.8 | 1.7...2.8 |
|--|-----------|-----------|-----------|-----------|
| L effective length min | 453 | 573 | 836 | 1348 |
| L effective length max | 681 | 911 | 1441 | 2431 |
| Strength torque [Nm] according to DVGW | 250 | 250 | 250 | 250 |

Different installation depths available on request



Technical data

DN range 100/125/150

| RD Installation depth min...max [m] | 0.7...1.0 | 0.9...1.3 | 1.2...1.8 | 1.7...2.8 |
|--|------------------|------------------|------------------|------------------|
| L effective length min [mm] | 422 | 532 | 842 | 1352 |
| L effective length max [mm] | 605 | 835 | 1445 | 2435 |
| Strength torque [Nm] according to DVGW | 250 | 250 | 250 | 250 |

Different installation depths available on request

DN range 200

| RD Installation depth min...max [m] | 0.9...1.3 | 1.2...1.8 | 1.7...2.8 |
|--|------------------|------------------|------------------|
| L effective length min [mm] | 522 | 757 | 1157 |
| L effective length max [mm] | 805 | 1280 | 2240 |
| Strength torque [Nm] according to DVGW | 440 | 440 | 440 |

Different installation depths available on request

DN range 250/300

| RD Installation depth min...max [m] | 0.9...1.3 | 1.2...1.8 | 1.7...2.8 |
|--|------------------|------------------|------------------|
| L effective length min [mm] | 461 | 721 | 1162 |
| L effective length max [mm] | 684 | 1204 | 2144 |
| Strength torque [Nm] according to DVGW | 440 | 440 | 440 |

Different installation depths available on request