



KAT-A 5412-E-KI-A

### Product characteristics and benefits

- For operation of VAG BETA<sup>®</sup> 200 and VAG EKO<sup>®plus</sup> 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 TELEMAT<sup>®</sup> with standard coupling sleeve
- The assembly of the second TELEMAT<sup>®</sup> 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 TELEMAT<sup>®</sup>
- 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<sup>®</sup> 200 Gate Valve and VAG EKO<sup>®plus</sup> Gate Valves the complete unit is dirt resistant and interlocked

### Materials

- Telescopic square stem: Stainless steel 1.4301
- Connection pins: Stainless steel 1.4301
- 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 positioning device
- With HAWLE screw coupling
- Stainless steel square cap and coupling sleeve

### Field of Application

- Underground installation



With KLICK-FIX

### Accessories

- Extension set 30 cm
- Extension set 50 cm
- DVE (Sealing and interlocking unit) for BETA<sup>®</sup> Gate Valves
- Lockable square cap

### Note

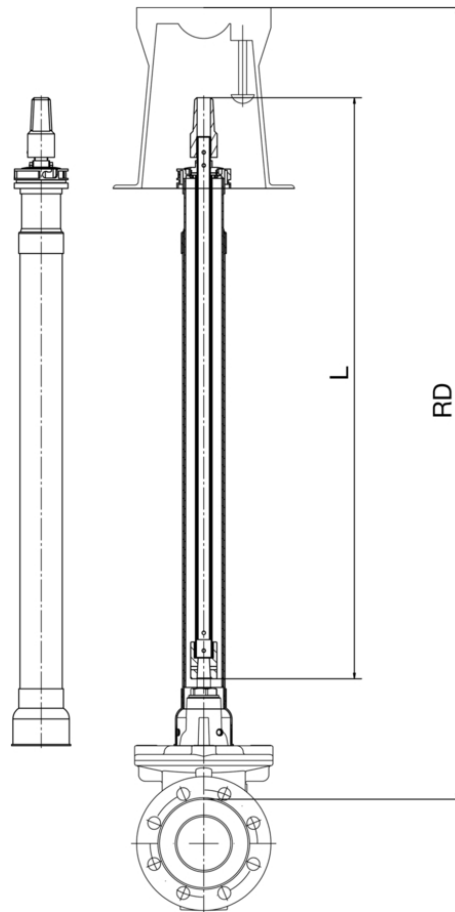
Different extension sets are available should in practice the necessary installation depth not be attained by a few centimetres. These help to compensate for deviations of up to 30 or 50 cm in installation depth. They include a perforated key rod, a protective tube with welded bell and a tube cover.

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 [mm]	449	569	864	1344
L effective length max [mm]	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 [mm]	453	573	836	1348
L effective length max [mm]	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**

<b>RD Installation depth min...max [m]</b>	<b>0.7...1.0</b>	<b>0.9...1.3</b>	<b>1.2...1.8</b>	<b>1.7...2.8</b>
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**

<b>RD Installation depth min...max [m]</b>	<b>0.9...1.3</b>	<b>1.2...1.8</b>	<b>1.7...2.8</b>
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**

<b>RD Installation depth min...max [m]</b>	<b>0.9...1.3</b>	<b>1.2...1.8</b>	<b>1.7...2.8</b>
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