


**PN 10/16 - DN 80...300**

KAT-A 1014

**Product characteristics and benefits**

- Resilient seated in accordance with EN 1074
- Face-to-face length acc. to EN 558-1, basic series 15 (DIN 3202, F5) +/- 5 mm (DN 80-200), -10/+5 mm (DN 250-300)
- With flange ends on both sides acc. to EN 1092-2
- Boltless bonnet with pressure supported sealing system
- Low operating torque due to plastic sliding guides on the wedge
- For replacement offl angled gate valves acc. to EN 558-1, basic series 15 (DIN 3202, F5)
- Maintenance-free and corrosion-resistant stem sealing
- With O-ring sealing
- Low wear due to wedge guiding and elongated stem bearing

**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 1.4021
- Stem nut: Brass

**Corrosion protection**

- Internally and externally epoxy coated acc. to GSK guidelines

**Versions**

- Standard version as described
- With handwheel

**Field of application**

- Underground installation
- Chamber installation


**Tests and approvals**

- Final inspection test acc. to EN 12266
- 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:

“Installation and Operating Instructions for Valves”

**Operating conditions**

| DN        | PN | Maximum operating pressure [bar] | Maximum operating temperature for medium [°C] |
|-----------|----|----------------------------------|-----------------------------------------------|
| 80...300  | 16 | 16                               | 50                                            |
| 200...300 | 10 | 10                               | 50                                            |

**Pressure test acc. to EN 12266**

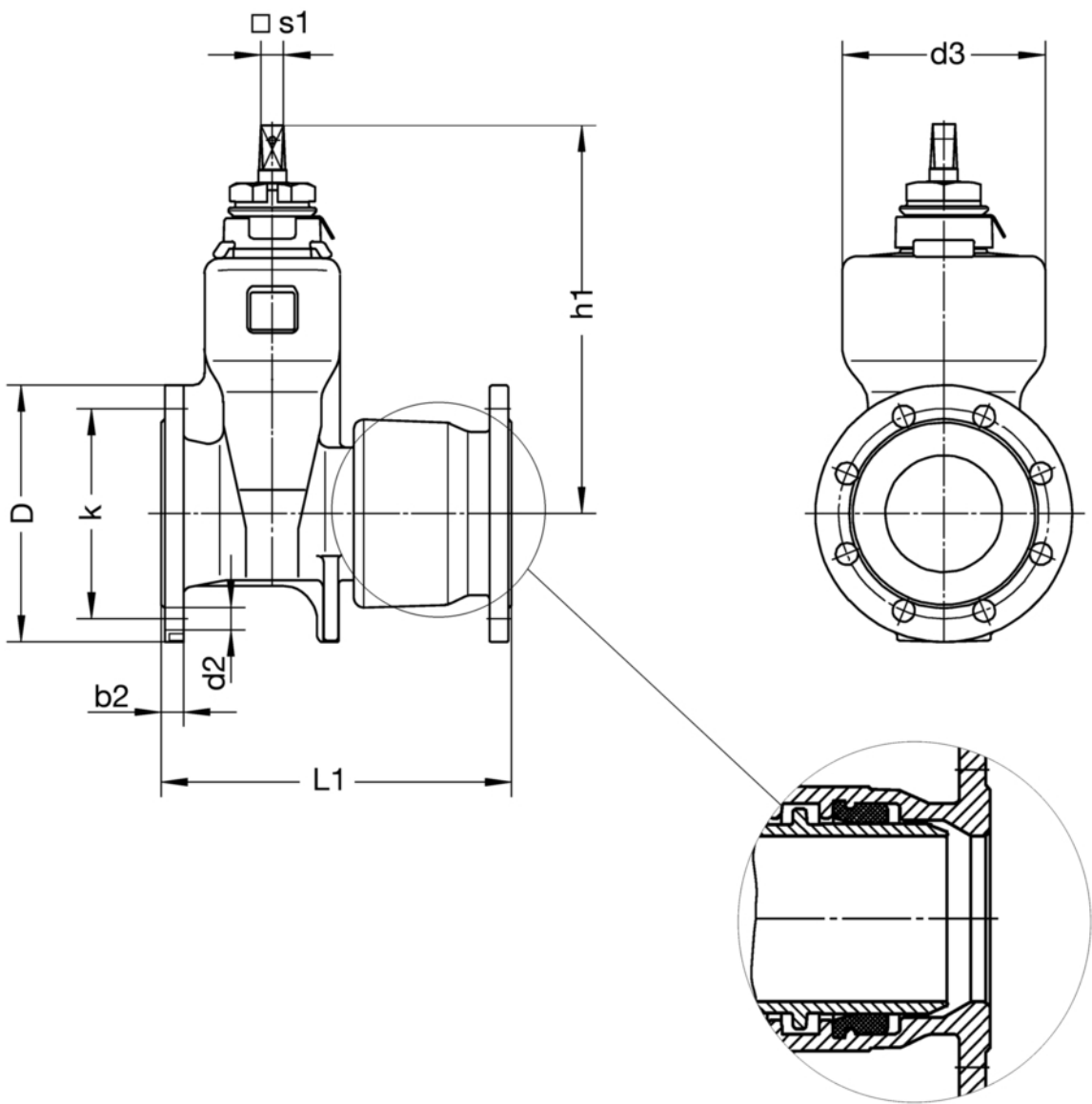
| Test pressure body with water [bar] | Test pressure seat with water [bar] |
|-------------------------------------|-------------------------------------|
| 24                                  | 17.6                                |
| 15                                  | 11                                  |

VAG BETA® 200 TS Replacement Valve  
resilient-seated - epoxy



Water

Drawing



DN 80, DN 100, DN 125: 4-hole version integrated

Technical data

PN 10

| DN             |      | 200   | 250    | 300    |
|----------------|------|-------|--------|--------|
| D              | [mm] | 340   | 400    | 455    |
| k              | [mm] | 295   | 350    | 400    |
| L1             | [mm] | 400   | 450    | 500    |
| b2             | [mm] | 20    | 22     | 24.5   |
| d2             | [mm] | 23    | 23     | 23     |
| d3             | [mm] | 320   | 396    | 471    |
| h1             | [mm] | 523   | 633    | 713    |
| □ s1           | [mm] | 24    | 27     | 27     |
| No. of holes   |      | 8     | 12     | 12     |
| Turns/stroke   |      | 34    | 43     | 51     |
| Weight approx. | [kg] | 87.00 | 134.00 | 195.00 |
| Volume approx. | [m³] | 0.089 | 0.185  | 0.26   |



## Technical data

### PN 16

| DN                  |      | 80    | 100   | 125   | 150   | 200   | 250    | 300    |
|---------------------|------|-------|-------|-------|-------|-------|--------|--------|
| D                   | [mm] | 200   | 220   | 250   | 285   | 340   | 400    | 455    |
| k                   | [mm] | 160   | 180   | 210   | 240   | 295   | 355    | 410    |
| L1                  | [mm] | 280   | 300   | 325   | 350   | 400   | 450    | 500    |
| b2                  | [mm] | 19    | 19    | 19    | 19    | 20    | 22     | 24.5   |
| d2                  | [mm] | 19    | 19    | 19    | 23    | 23    | 28     | 28     |
| d3                  | [mm] | 160   | 174   | 220   | 246   | 320   | 396    | 471    |
| h1                  | [mm] | 280   | 334   | 379   | 417   | 523   | 633    | 713    |
| Ø s1                | [mm] | 17    | 19    | 19    | 19    | 24    | 27     | 27     |
| No. of holes        |      | 12    | 12    | 12    | 8     | 12    | 12     | 12     |
| Turns/stroke        |      | 20    | 20    | 25    | 30    | 34    | 43     | 51     |
| Weight approx.      | [kg] | 22.90 | 26.80 | 38.90 | 52.60 | 87.00 | 134.00 | 195.00 |
| Volume ap-<br>prox. | [m³] | 0.017 | 0.023 | 0.036 | 0.048 | 0.089 | 0.185  | 0.26   |