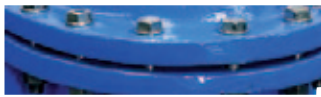
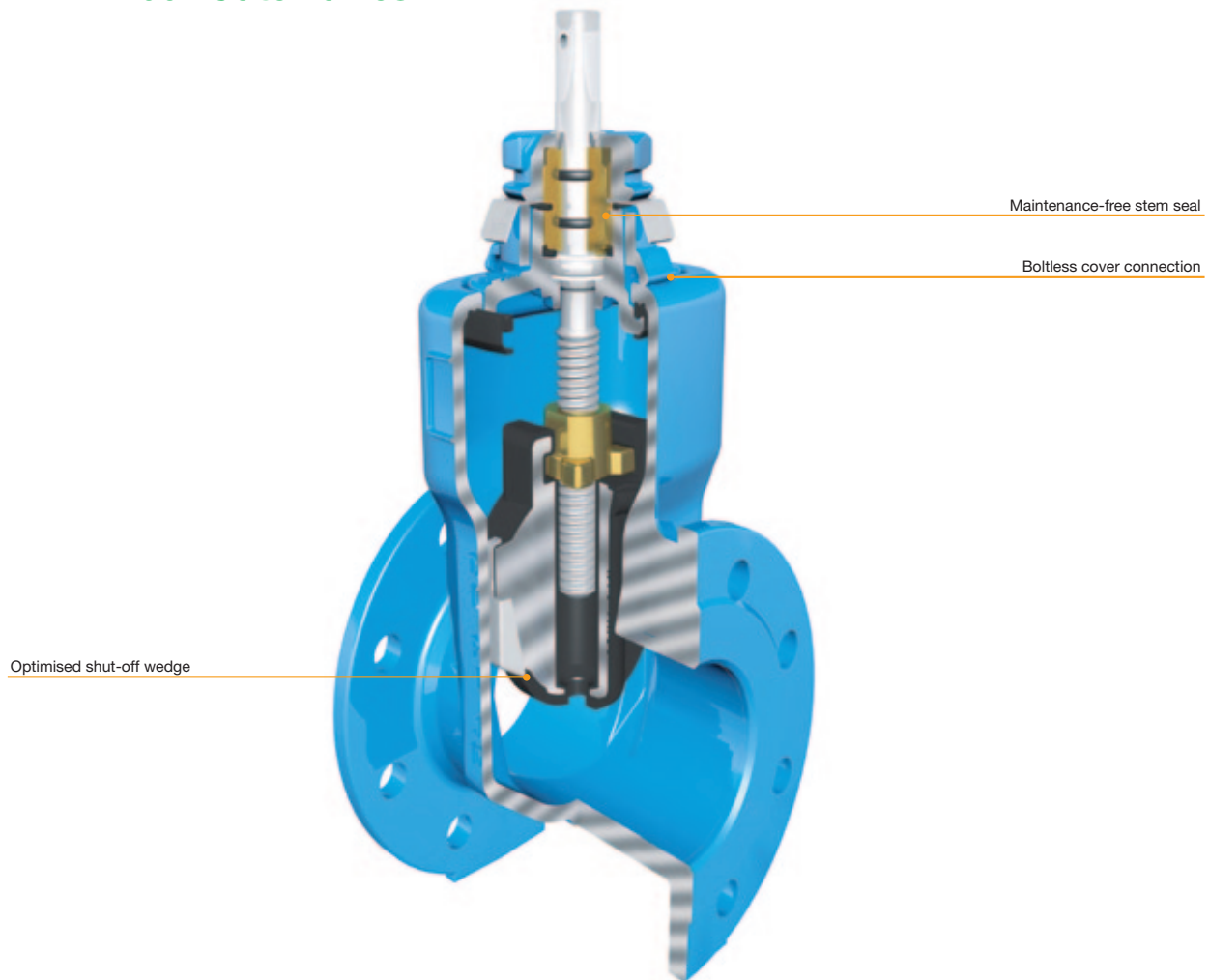


VAG Gate Valves





VAG BETA 200® Gate Valves



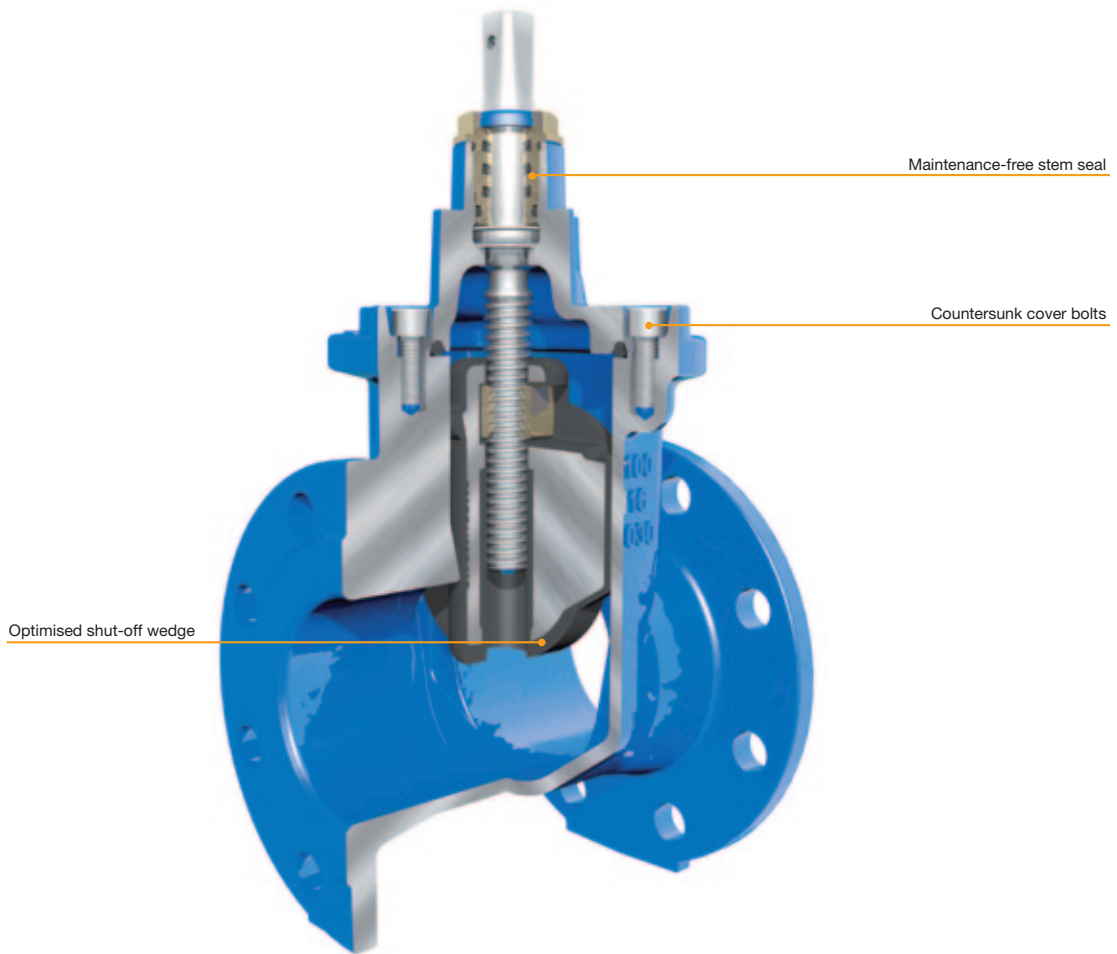
Technical details

- Nominal pressure PN 10 / PN 16
- Nominal diameter DN 40 ... DN 300
- Field of application: Drinking water
- Standard model: Body, cover and shut-off wedge made of ductile iron EN-JS 1030 (DCI 40), shut-off wedge EPDM coated all over, stem made of stainless steel grade 1.4021, stem nut made of brass, resilient seated to EN 1074
- Epoxy coating according to GSK quality specifications
- Face-to face length to EN 558-1, Basic Series 14 / 15
- Special versions:
 - As replacement valve
 - As BAIO[®]plus valve
 - With true enamel on the inside and epoxy coating on the outside

Product features

- The boltless cover connection seals automatically and is supported by the pressure. This reduces the corroding surface in case of buried installation and avoids any unnecessary stress points on cover bolts.
- The plastic sliding caps on the wedge reduce the torque. This makes operation easier even after a large number of operating cycles.
- The high grade materials of the stainless steel stem and the brass bearing bush make the valve resistant to corrosion and maintenance free.
- Very little abrasion and wear due to the wedge guiding inside the body and a long stem bearing.
- Due to its resistance to vacuum of up to 90%, the valve is ideally suited for suction lines.
- Testing and registration by DVGW guarantees superior product quality by external monitoring which also takes hygienic aspects into consideration.

VAG EKO®plus Gate Valves



Technical details

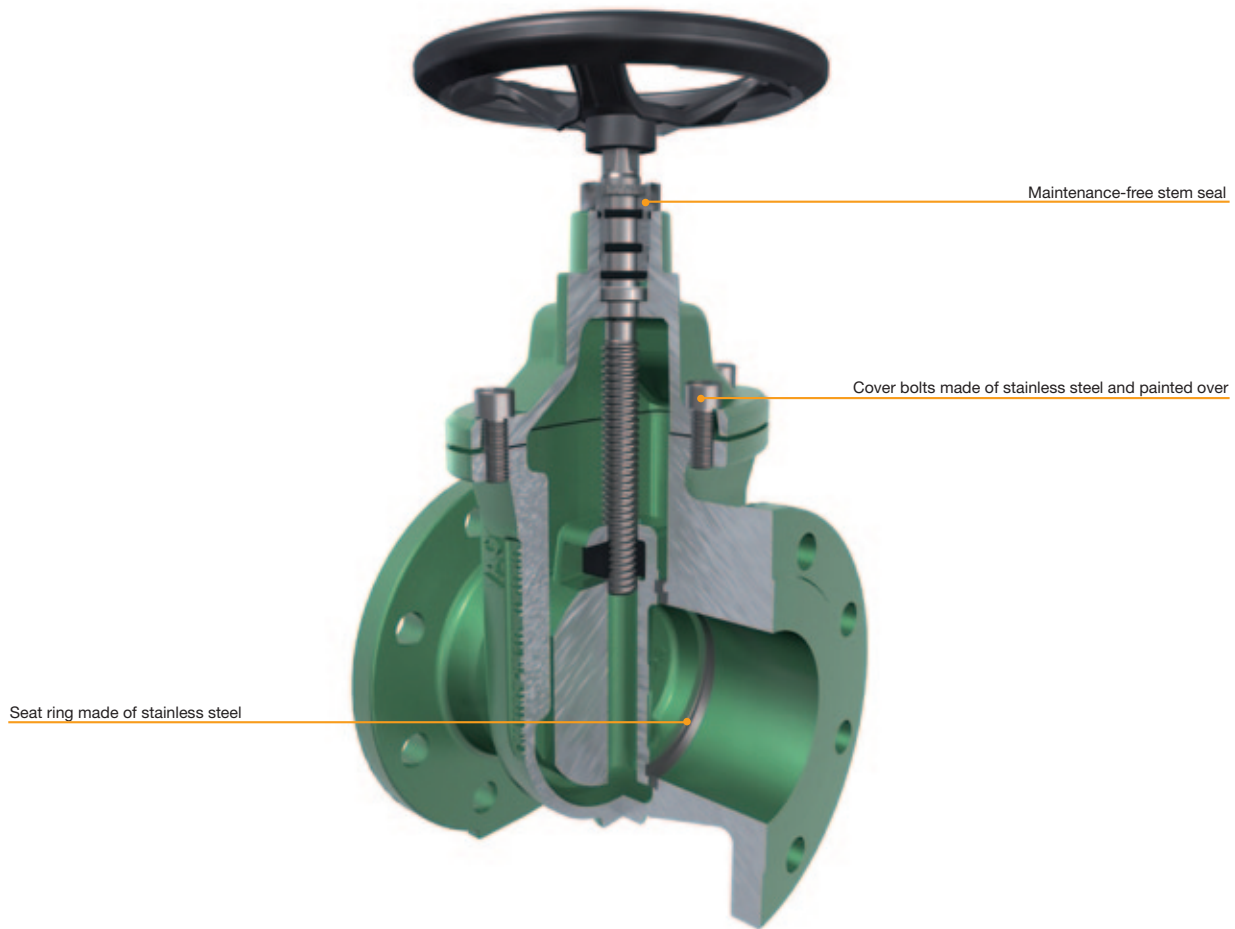
- Nominal pressure PN 10 / PN 16 / PN 25
- Nominal diameter DN 40 ... DN 600
- Fields of application: Drinking water, waste water, sea water and gas
- Standard model: Body, cover and shut-off wedge made of ductile iron EN-JS 1030 (DCI 40), cover bolts made of A2 stainless steel, shut-off wedge EPDM or NBR (gas) coated all over, stem made of stainless steel grade 1.4021, stem nut made of brass, resilient seated to EN 1074
- Face-to-face length to EN 558-1, Basic Series 14 / 15
- Epoxy coating according to GSK quality specifications
- Special versions:
 - With flange-, socket-, spigot- and PE-HD ends
 - For sea water
 - For gas supply lines
 - Gulf type (Arab Emirates)
 - To ANSI AWWA standard
 - SANS types
 - British Standard types

Product features

- The plastic sliding caps on the wedge reduce the torque. This makes operation easier even after a large number of operating cycles.
- The high grade materials of the stainless steel stem and the brass bearing bush as well as a triple O-ring seal make this valve resistant to corrosion and maintenance free.
- Very little abrasion and wear due to the wedge guiding inside the body and a long stem bearing.
- Due to its resistance to vacuum of up to 90%, the valve is ideally suited for suction lines and gas supply lines.
- Testing and registration by DVGW guarantees superior product quality by external monitoring which also takes hygienic aspects into consideration.



VAG IKO[®]plus Gate Valves



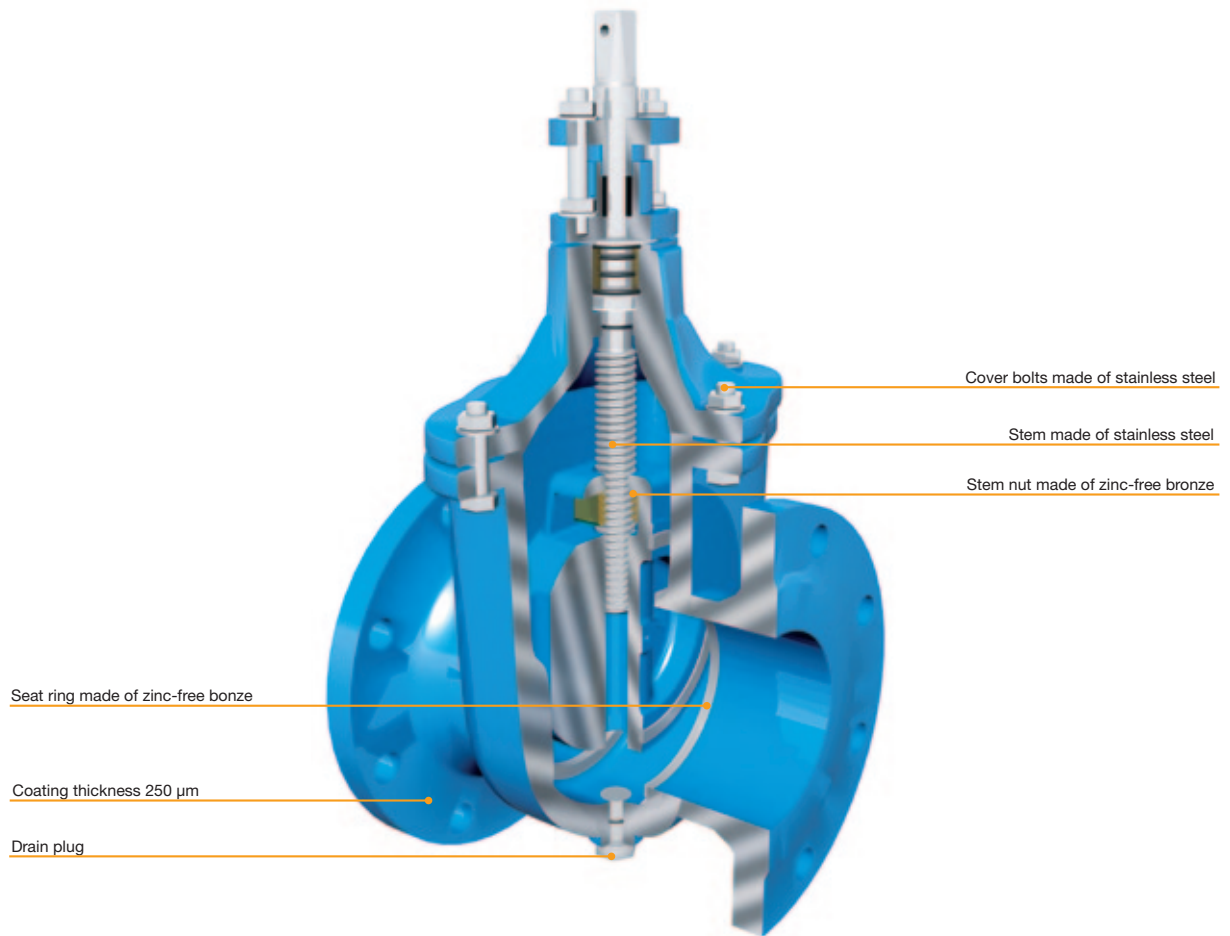
Technical details

- Nominal pressure PN 6 / PN 10 (R 14) / PN 16 (R 15)
- Nominal diameter DN 40 ... DN 300
- Fields of application: Industrial plants, heating systems, as special type suitable for transformer oil
- Standard model: Body, cover and shut-off wedge made of cast iron EN-JL 1040 (grey cast iron 25), body- and wedge seat rings made of stainless steel grade 1.4301, O-rings made of Viton (200° C), stem made of stainless steel grade 1.4021, stem nut and stem bearing made of cast iron EN-JL 1040 (grey cast iron 25), metallic sealing to EN 1171
- Internally and externally synthetic resin coated
- Face-to-face length to EN 558-1, Basic Series 14 / 15
- Special versions:
 - As transformer oil gate valve
 - With external stem thread

Product features

- Maintenance free due to internal stem thread.
- Long service life ensured by stainless-steel seat rings.
- Stainless-steel rings suitable for many different applications.

VAG KFS Gate Valve

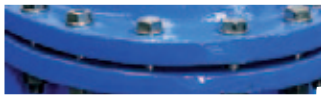


Technical details

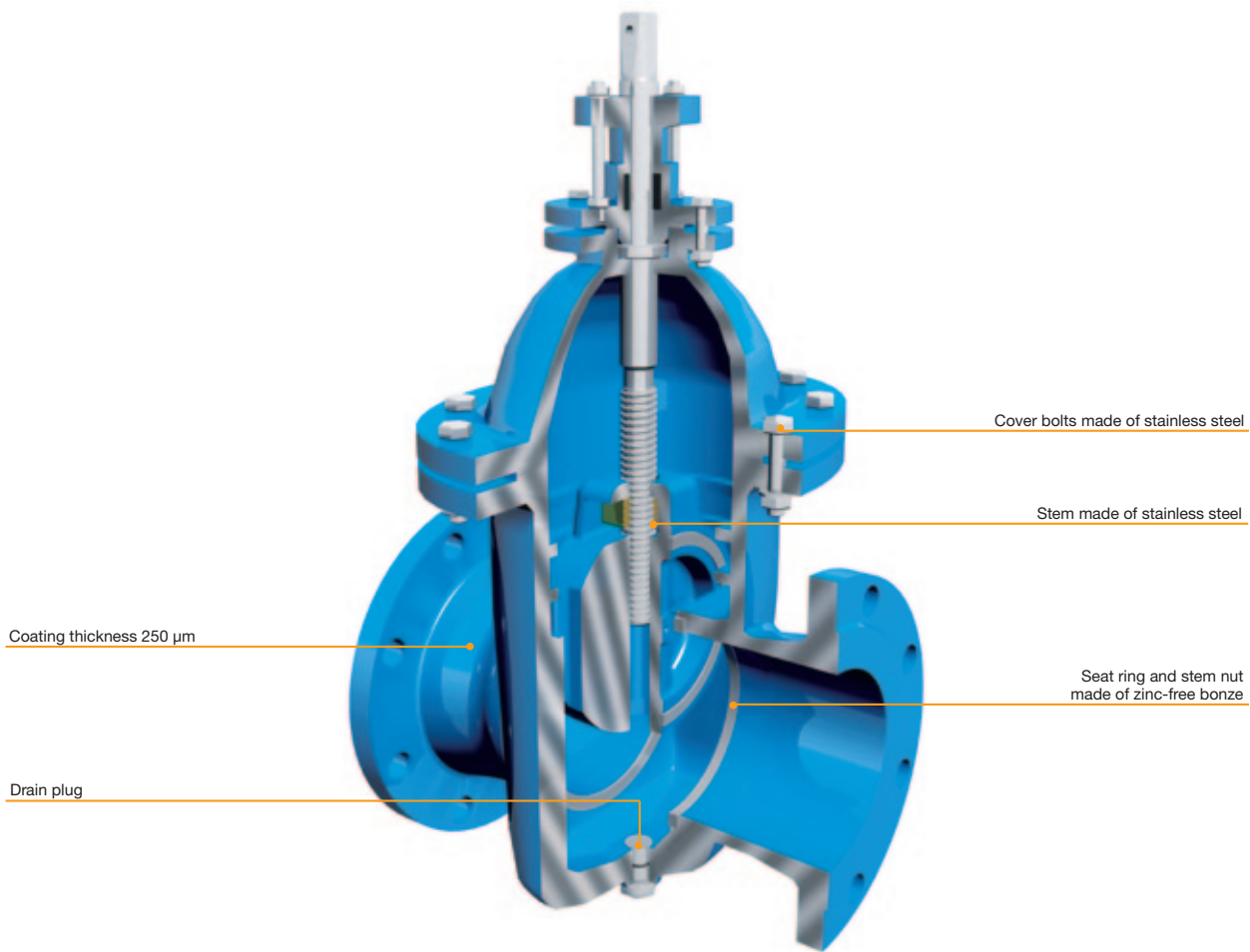
- Nominal pressure PN 1 / PN 1.6 / PN 2.5 / PN 4 / PN 6 / PN 10
- Nominal diameter DN 50 ... DN 1200
- Fields of application: Service and waste water
- Standard model: Body, cover and shut-off wedge made of ductile iron EN-JS 1030 (DCI 40), cover bolts made of A4 stainless steel, body- and wedge seat rings and stem nut made of zinc-free bronze, stem made of stainless steel grade 1.4057, stuffing box made of aramid / PTFE, metallic sealing to EN 1171 (formerly DIN 3352), adjustable stem seal, with internal stem thread, with drain plug, with flange connection to EN 1092-2 on both sides, PN 10
- Internally and externally epoxy coated
- Face-to-face length to EN 558-1, Basic Series 14
- Special versions:
 - With gear unit
 - With electric actuator
 - With special materials for the seat ring and stem

Product features

- High strength ensured by ductile cast iron.
- Resistant to the medium due to seat rings and stem nut made of zinc-free bronze.
- Resistant to the medium due to the 17% cr stem design.
- As special type with external stem thread suitable for heavily polluted media.
- Tested epoxy-based coating quality with a coating thickness of at least 250µm ensures long-term protection against atmospheric influences.



VAG KOS Gate Valve



Technical details

- Nominal pressure PN 10 and/or PN 16 \leq DN 600
- Nominal diameter DN 50 ... DN 1200
- Fields of application: service and waste water
- Standard model: Body, cover and shut-off wedge made of ductile iron EN-JS 1030 (DCI 40), cover bolts made of A4 stainless steel, body- and wedge seat rings and stem nut made of zinc-free bronze, stem made of stainless steel grade 1.4057, stuffing box made of aramide / PTFE, metallic sealing to EN 1171 (formerly DIN 3352), internal stem thread, adjustable stem seal, with drain plug
- Internally and externally epoxy coated
- Face-to-face length to EN 558-1, Basic Series 15 (DIN 3202, F5)
- Special versions:
 - With gear unit
 - With electric actuator
 - With mechanical position indicator
 - With bypass
 - With raised pipe column for buried installation
 - With special materials for the seat ring and stem

Product features

- High strength ensured by ductile cast iron.
- Resistant to the medium due to seat rings and stem nut made of zinc-free bronze.
- Resistant to the medium due to the 17% cr stem design.
- Available in rising stem version for heavily polluted media.
- Epoxy-based coating quality with a coating thickness of at least 250µm ensures long-term protection against atmospheric influences.



Reference projects

Cologne combined pumping station
Rodenkirchen, Germany
6 VAG KOS Gate Valves



Rennsteigtunnel
Zella-Mehlis, Germany
52 VAG BETA® 200 Gate Valves



Schwetzingen Waterworks, Germany
10 VAG BETA® 200 Gate Valves



Drinking water treatment plant
Luisenthal, Germany
35 VAG BETA® 200 Gate Valves



www.vag-group.com
info@vag-group.com

For detailed information about nominal diameters, nominal pressures and types, the technical documentation KAT-A is relevant. • Pictures are non-binding