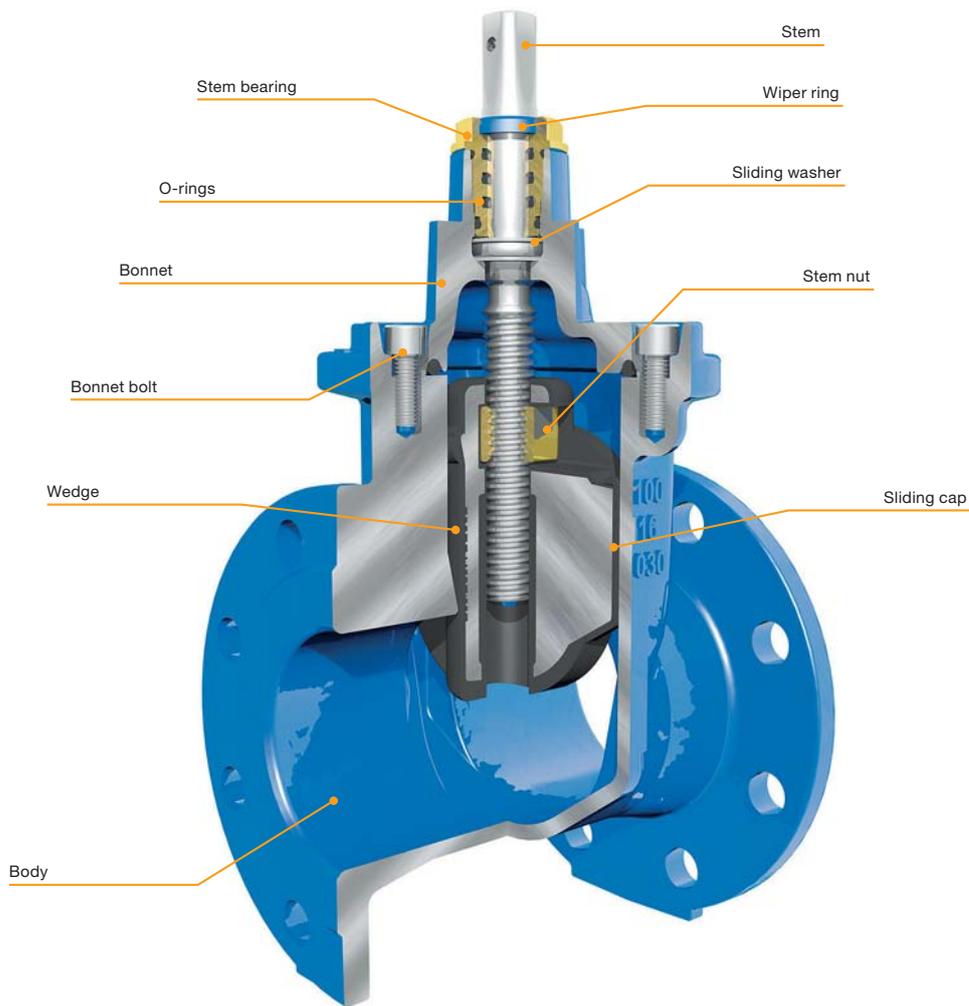


VAG Gate Valves





VAG EKO[®]plus Gate Valve



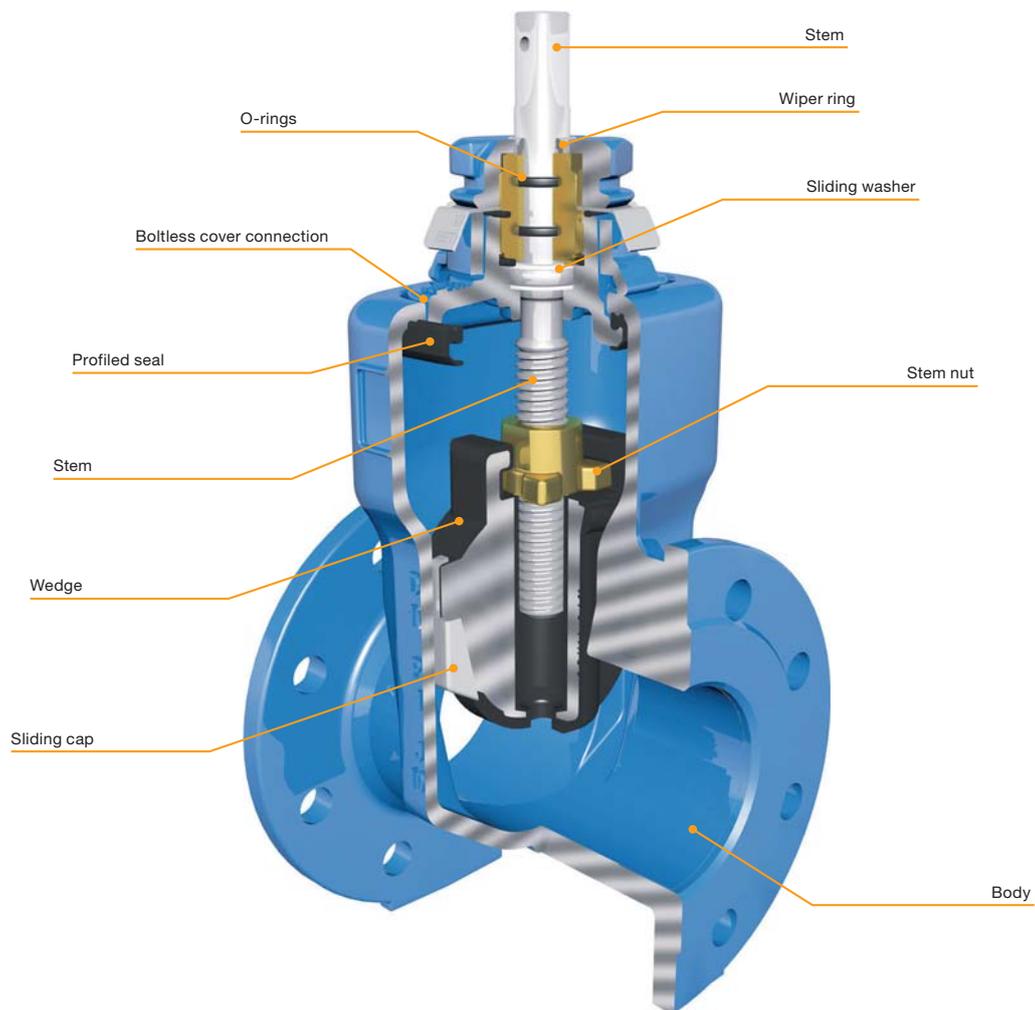
Technical details

- Nominal pressures PN 10, 16, 25
- Nominal diameters DN 40 ... 600
- Fields of applications: Drinking water, wastewater, sea water and gas
- Standard versions: Body, cover and shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-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, basic series 14 and 15
- Epoxy coating to GSK guidelines
- Actuator types:
 - With stem square cap
 - With handwheel
 - With manual gearbox
 - With electrical actuator
 - With pneumatic actuator
- Special versions:
 - Different connection: sockets, spigots, adjustable flanges, PE-HD ends
 - Different standard: ANSI, British Standard, Gulf, SANS
 - With rising stem
 - With position indicator

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 BETA® 200 Gate Valve



Technical details

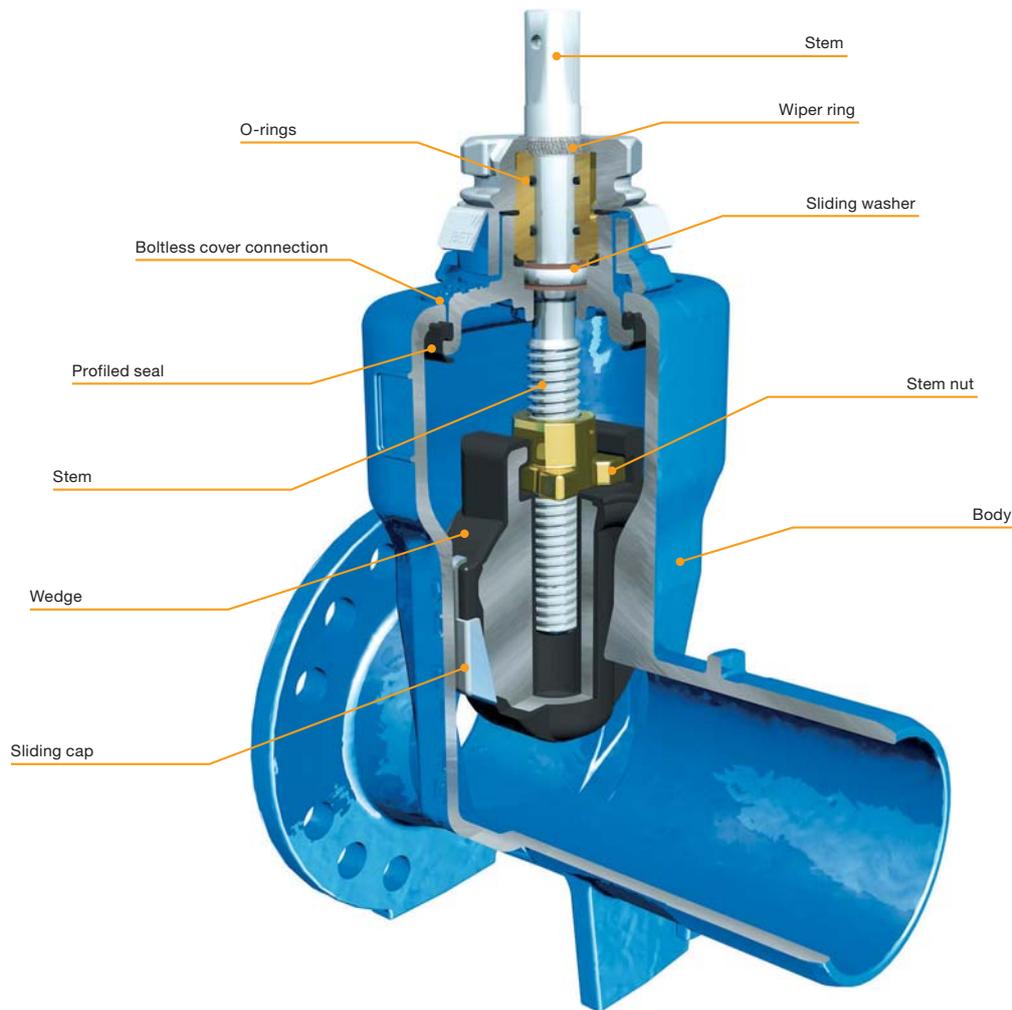
- Nominal pressures PN 10, 16
- Nominal diameters DN 40 ... 300
- Field of applications: Drinking water
- Standard version: Body, cover and shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40), shut-off wedge EPDM coated all over, stem made of stainless steel grade 1.4021, stem nut made of brass, resilient seated to EN 1074
- Face-to face length to EN 558, basic series 14 and 15
- Epoxy coating to GSK guidelines
- Actuator types:
 - With stem square cap
 - With handwheel
- Special versions:
 - As replacement valve

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 BAIO® BETA® 200 Gate Valve FL/SP



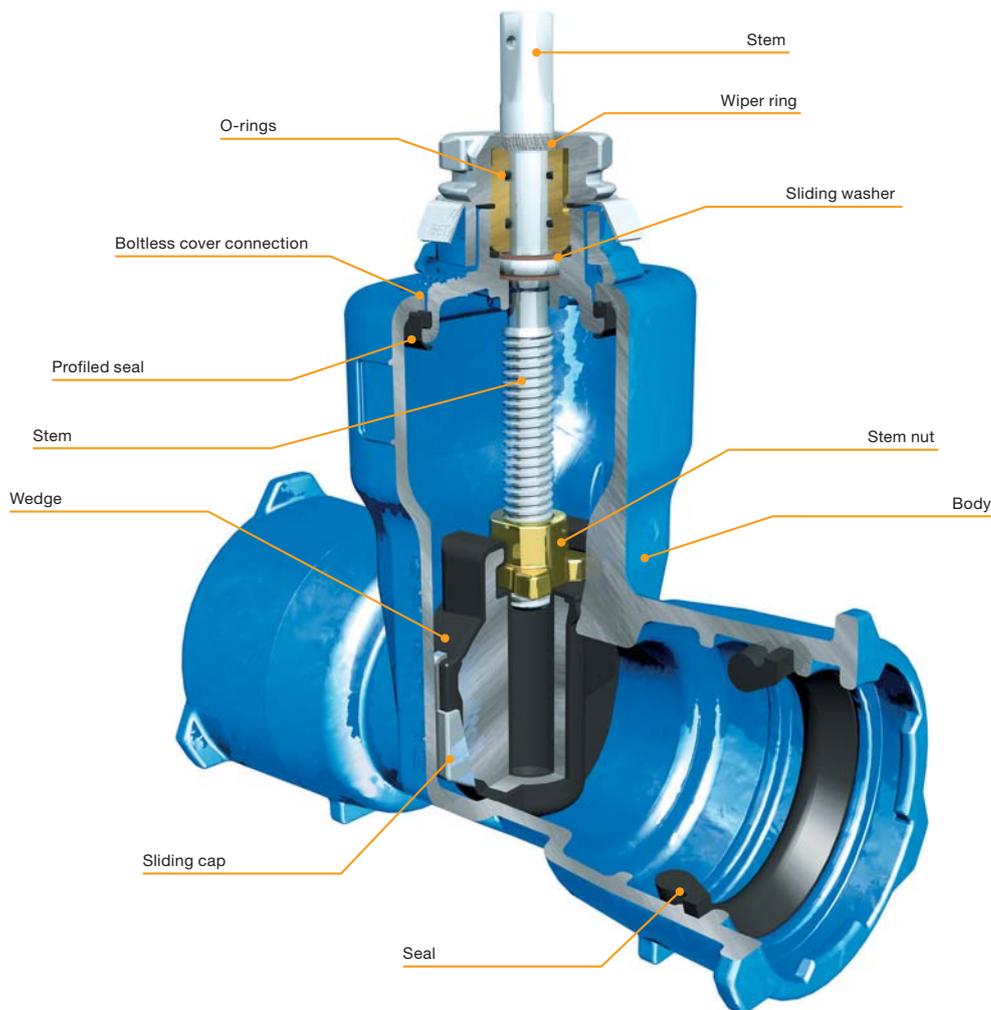
Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 80 ... 300
- Field of applications: Water
- Standard versions: Body and cover made of ductile iron EN-GJS-400-15 (GGG-40), shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40) and EPDM-coated all over; stem made of stainless steel grade 1.4021 and stem nut made of brass
- Internally and externally epoxy coated to GSK guidelines
- Actuator types:
 - With stem square cap
 - With handwheel
- Sealing types:
 - TYTON sealing rings for ductile iron pipes
 - GKS sealing rings for PVC and PE-HD pipes

Product features

- With spigot-end connection on one side and flange connection to EN 1092-2 on the other.
- Boltless, self-sealing (cover) connection prevents corrosion.
- Low torque due to plastic sliding caps on the wedge and thus easy to operate.
- Spigot end with locking cams for internal locking.
- Pull-out proof thanks to internal and external bayonet connection; no counter-bearing needed.
- Short assembly times due to small number of components.
- Tension-free laying due +/- 3° incline to compensate earth movements.
- Variable use with ductile iron pipes and plastic pipes by simple exchange of the sealing rings.
- Maintenance-free and corrosion-proof stem seal.
- Low wear due to wedge guide in the body and long stem bearing.
- Also suitable for vacuum of up to 90% and thus suitable for suction lines.

VAG BAIO® BETA® 200 Gate Valve MU/MU



Technical details

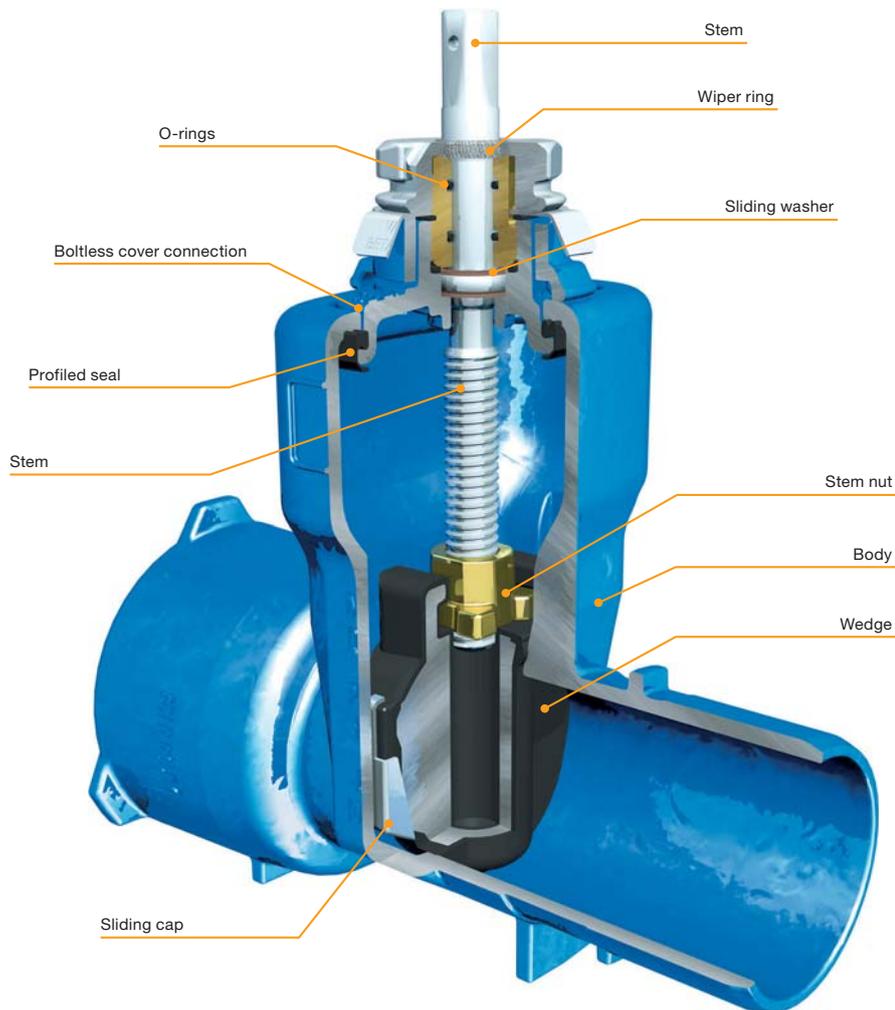
- Nominal pressures PN 10, 16
- Nominal diameters DN 80 ... 300
- Field of applications: Water
- Standard version: Body and cover made of ductile iron EN-GJS-400-15 (GGG-40), shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40) and EPDM-coated all over; stem made of stainless steel grade 1.4021 and stem nut made of brass
- Internally and externally epoxy coated to GSK guidelines
- Actuator types:
 - With stem square cap
 - With handwheel
- Sealing types:
 - TYTON sealing rings for ductile iron pipes
 - GKS sealing rings for PVC and PE-HD pipes

Product features

- With socket connection on both sides.
- Boltless, self-sealing (cover) connection prevents corrosion.
- Low torque due to plastic sliding caps on the wedge, thus easy to operate.
- Socket designed as double-function socket for internal and external locking in accordance with DIN 28603; thus universal use with all materials.
- Pull-out proof thanks to internal and external bayonet connection; no counter-bearing needed.
- Short assembly times due to small number of components.
- Tension-free laying due +/- 3° incline to compensate earth movements.
- Variable use with ductile iron pipes and plastic pipes by simple exchange of the sealing rings.
- Maintenance-free and corrosion-proof stem seal.
- Low wear due to wedge guide in the body and long stem bearing.
- Also suitable for vacuum of up to 90% and thus suitable for suction lines.



VAG BAIO® BETA® 200 Gate Valve MU/SP



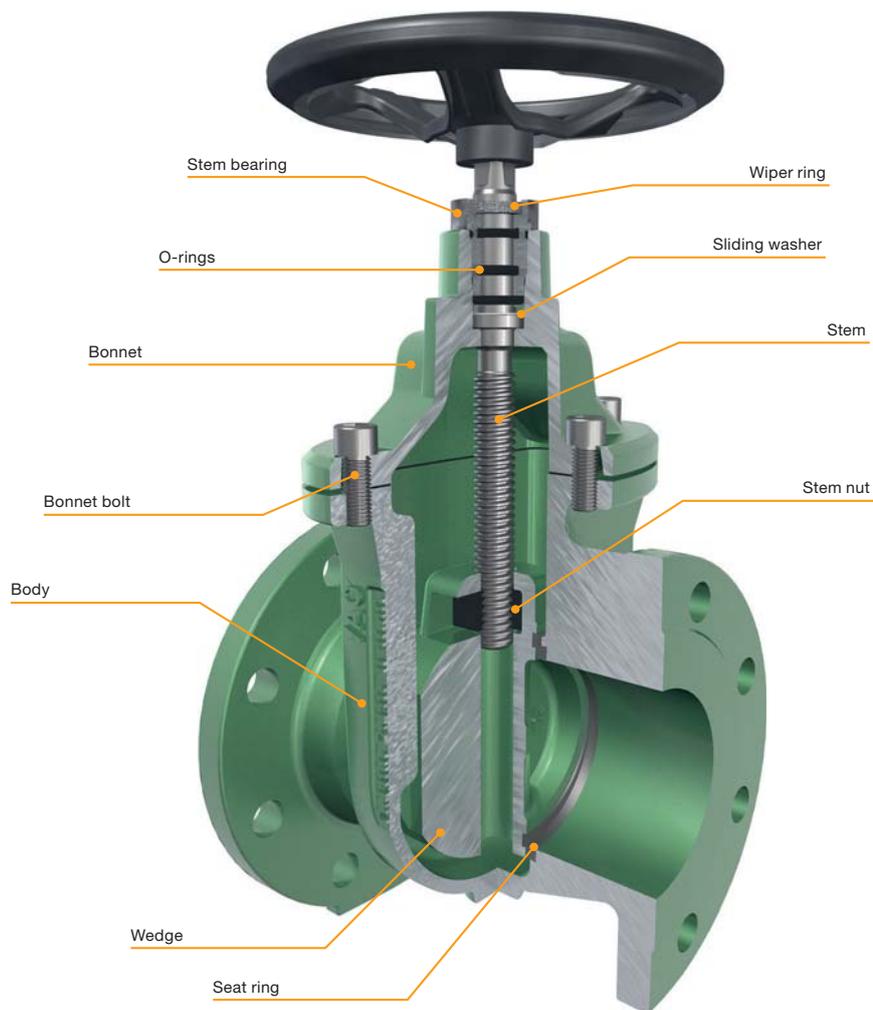
Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 80 ... 300
- Field of applications: Water
- Standard versions: Body and cover made of ductile iron EN-GJS-400-15 (GGG-40), shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40) and EPDM-coated all over; stem made of stainless steel grade 1.4021 and stem nut made of brass
- Internally and externally epoxy coated to GSK guidelines
- Actuator types:
 - With stem square cap
 - With handwheel
- Sealing types:
 - TYTON sealing rings for ductile iron pipes
 - GKS sealing rings for PVC and PE-HD pipes

Product features

- With socket connection on one side and spigot-end connection on the other.
- Boltless, self-sealing (cover) connection prevents corrosion.
- Spigot end with locking cams for internal locking.
- External bayonet connection between the spigot end of the pipe and the BAIO®*plus* socket.
- Pull-out proof thanks to internal and external bayonet connection; no counter-bearing needed.
- Short assembly times due to small number of components.
- Tension-free laying due +/- 3° incline to compensate earth movements.
- Variable use with ductile iron pipes and plastic pipes by simple exchange of the sealing rings.
- Maintenance-free and corrosion-proof stem seal.
- Low wear due to wedge guide in the body and long stem bearing.
- Also suitable for vacuum of up to 90% and thus suitable for suction lines.

VAG IKO[®]plus Gate Valve



Technical details

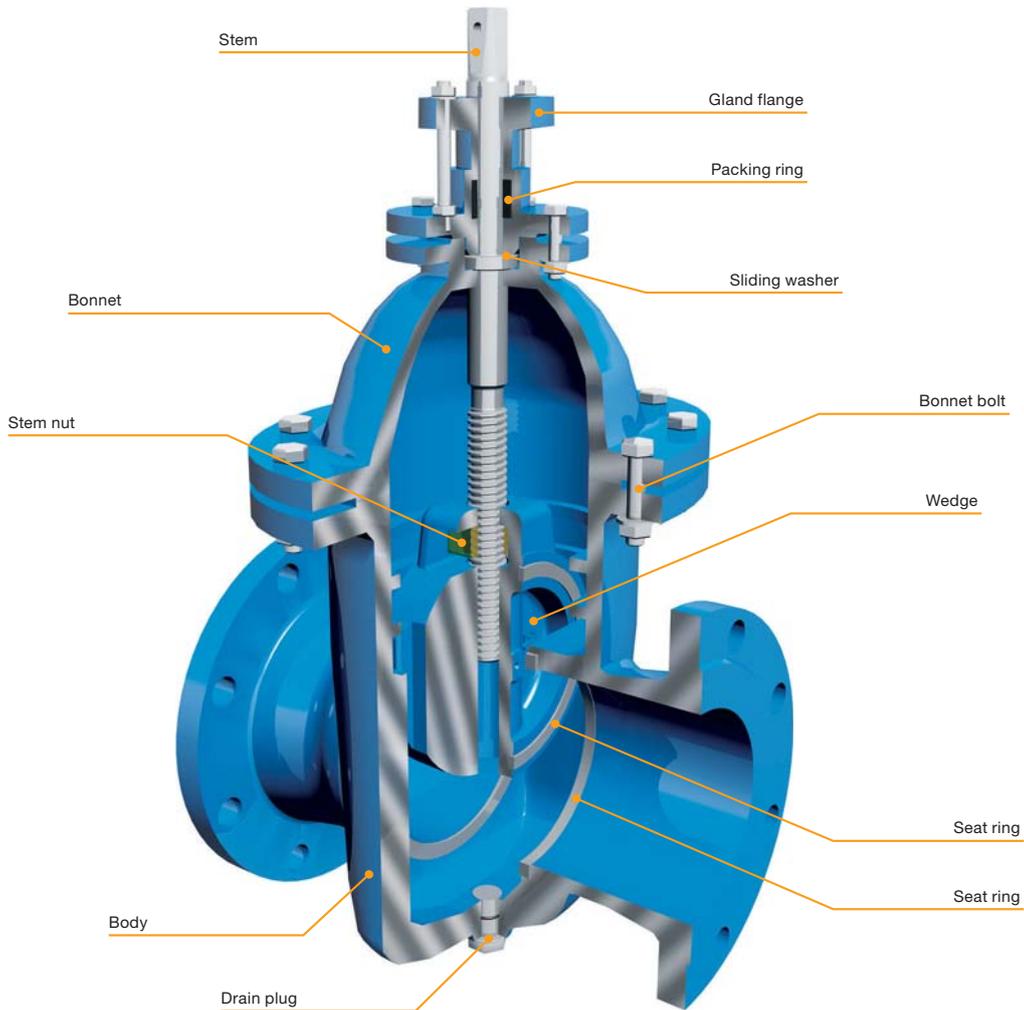
- Nominal pressures PN 6, 10, 16
- Nominal diameters DN 40 ... 300
- Fields of applications: Hot water, steam, non-aggressive media (max. 200 °C)
- Standard versions: Body, cover and shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40), body- and wedge seat rings made of stainless steel grade 1.4301, O-rings made of FPM, stem made of stainless steel grade 1.4021, stem nut and stem bearing made of grey iron EN-GJL-250 (GG-25), metallic seated to EN 1171
- Face-to-face length to EN 558, basic series 14 and 15
- Internally and externally synthetic resin coated
- Actuator types:
 - With handwheel
 - With electrical actuator
- Special versions:
 - With rising stem
 - With draing plug
 - Medium: transformer oil
 - Surface protection: epoxy coating (suitable for drinking water)

Product features

- Maintenance free due to internal stem thread and stem bearing with O-rings (no stuffing box).
- Long service life ensured by stainless steel seat rings.
- Stainless steel rings suitable for many different applications.
- With regard to operating pressure, resistance to high temperatures up to 200 °C.



VAG KOS Gate Valve



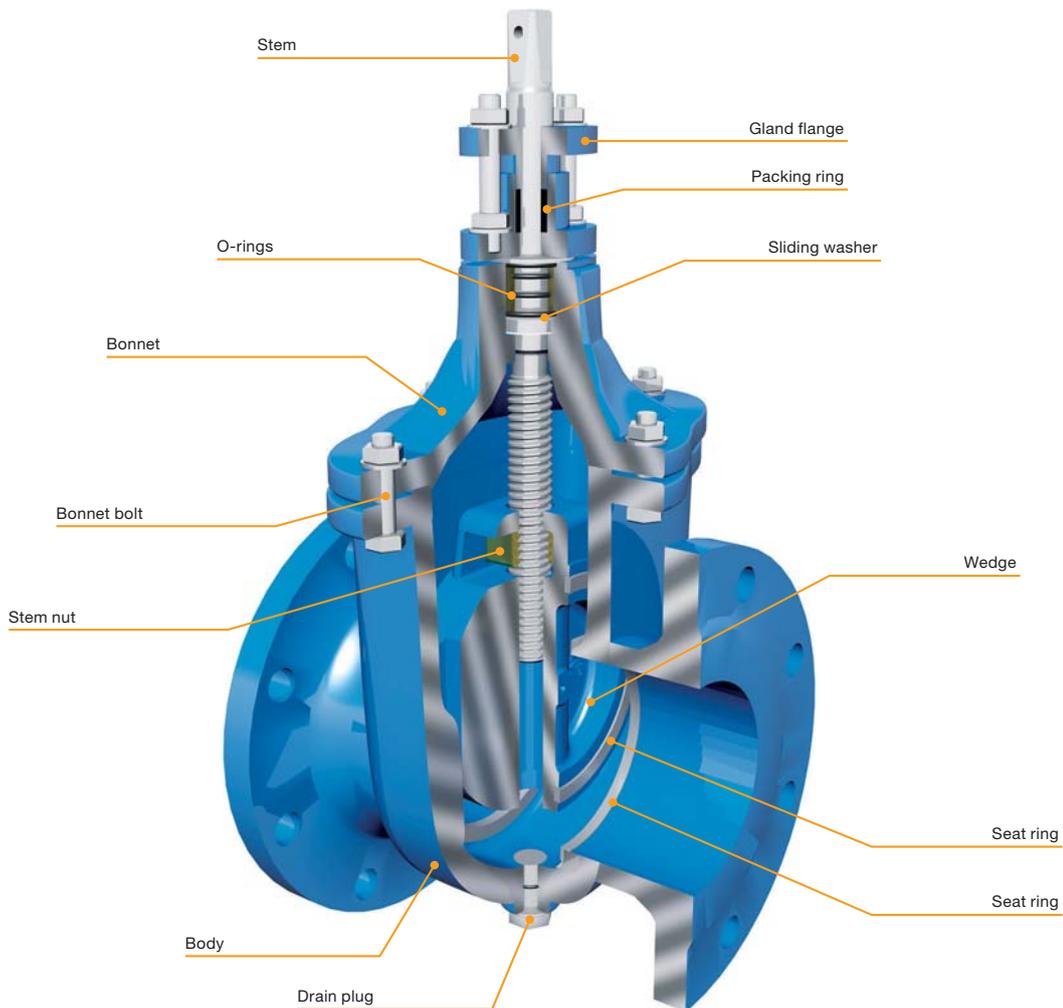
Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 50 ... 1200
- Fields of applications: service and wastewater
- Standard versions: Body, cover and shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-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, internal stem thread, adjustable stem seal, with drain plug, metallic seated to EN 1171
- Face-to-face length to EN 558, basic series 15
- Internally and externally epoxy coated
- Actuator types:
 - With handwheel
 - With manual gearbox
 - With electrical actuator
- Special versions:
 - 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.

VAG KFS Gate Valve



Technical details

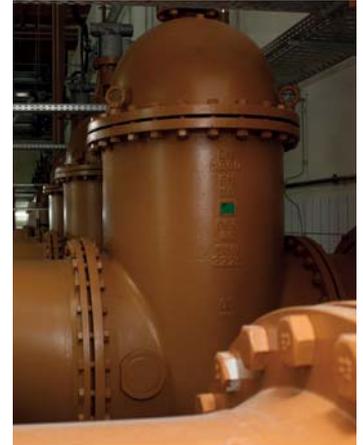
- Nominal pressures PN 10
- Nominal diameters DN 50 ... 1200
- Fields of applications: Service and wastewater
- Standard versions: Body, cover and shut-off wedge made of ductile iron EN-GJS-400-15 (GGG-40), cover bolts made of A4 stainless steel, body- and wedge seat rings and stem nut made of zinc-free bronze, stem made of stainless steel grade 1.4057, stuffing box made of aramid / PTFE, adjustable stem seal, with internal stem thread, with drain plug, metallic seated to EN 1171
- Face-to-face length to EN 558, basic series 14
- Internally and externally epoxy coated
- Actuator types:
 - With handwheel
 - With manual gearbox
 - With electrical actuator
- Special versions:
 - 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.
- 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.

Reference projects

Pumping station
Rodenkirchen, Germany
VAG KOS Gate Valve



Water supply network
Bratislava, Slovakia

VAG BAIO® BETA® 200 Gate Valve
VAG VARiplus-RFA Ranger Flange
Adaptor
VAG NOVA Standpost Hydrant
VAG PATENTplus Stem Extension
VAG BAIO® Fitting



Water treatment plant
Tarnów, Poland

VAG EKO®plus Gate Valve
VAG EKN® M300 Butterfly Valve
VAG CEREX® 300 Butterfly Valve
VAG DUOJET® Automatic Air Valve
VAG SKR Slanted Seat Tilting Disk
Check Valve



Gas supply network
Prague, Czech Republic

VAG EKO®plus Gate Valve



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