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# VAG Gate Valves

Companions that will not let you down



Industry



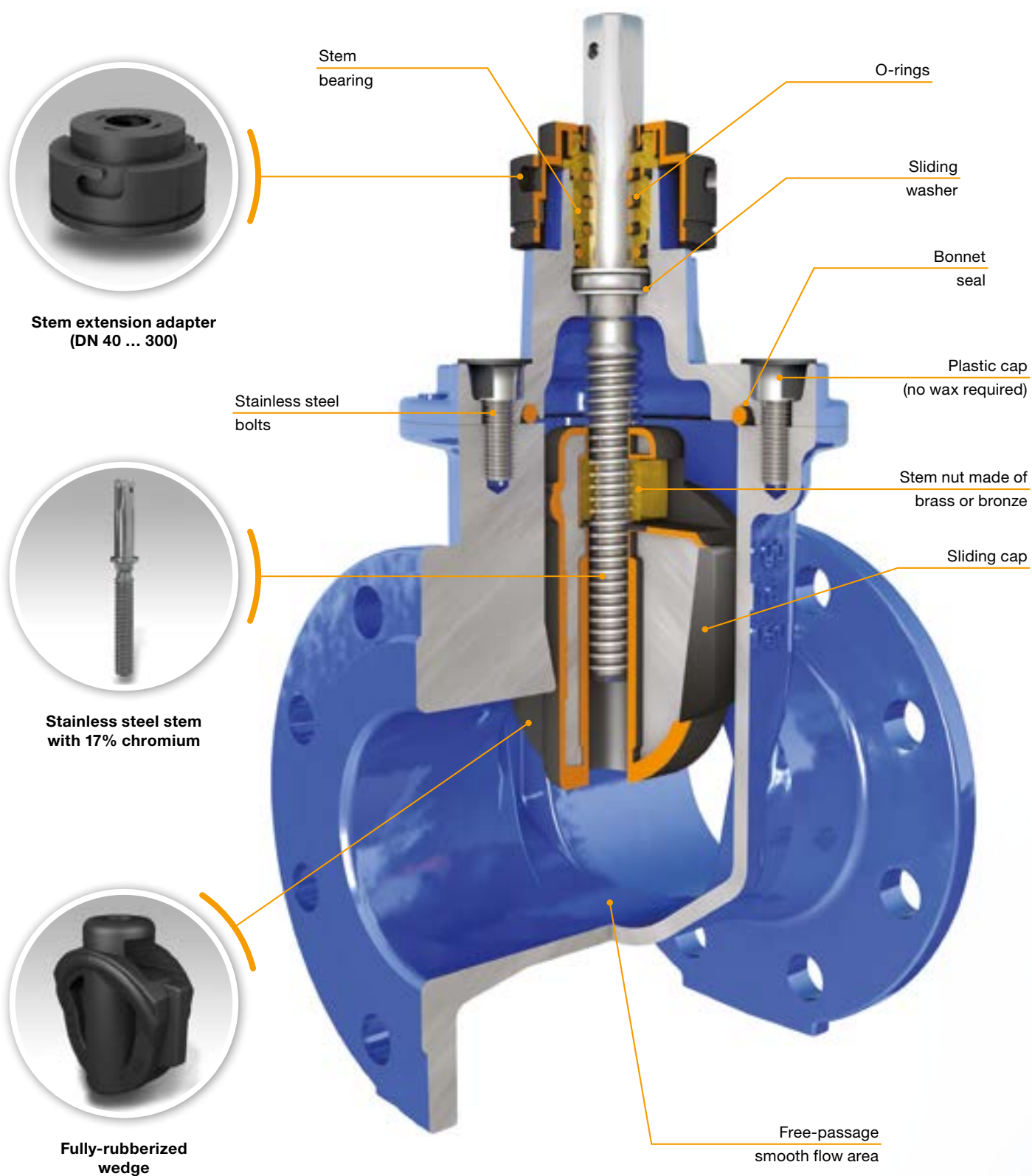
Water distribution



Water treatment

## VAG EKO<sup>®</sup>plus Gate Valve

Resilient-seated allrounder for a wide range of applications



## Product features

- **Easy operation:** The plastic sliding caps on the wedge reduce the torque. This makes operation easier even after a large number of operating cycles. Caps are placed into the rubber coating mould and are thus completely integrated during the vulcanizing process.
- **Maintenance free:** 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.
- **Ready to be buried:** The basic versions DN 40 ... 300 are fitted with a plastic adapter, which prevents the penetration of dirt and allows pull-out proof connection with VAG TELEXMAX® Stem Extension.
- **Quality control:** Testing and registration by DVGW guarantees superior product quality by external monitoring which also takes hygienic aspects into consideration.

## Technical details

- Nominal pressures PN 10, 16, 25
- Nominal diameters DN 40 ... 600
- 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 1.4057, stem nut made of brass or bronze, resilient seated to EN 1074
- Face-to face length to EN 558, basic series 14 and 15
- Coating: heavy-duty epoxy coating (GSK quality)

## Fields of application



Water distribution



Wastewater



Gas

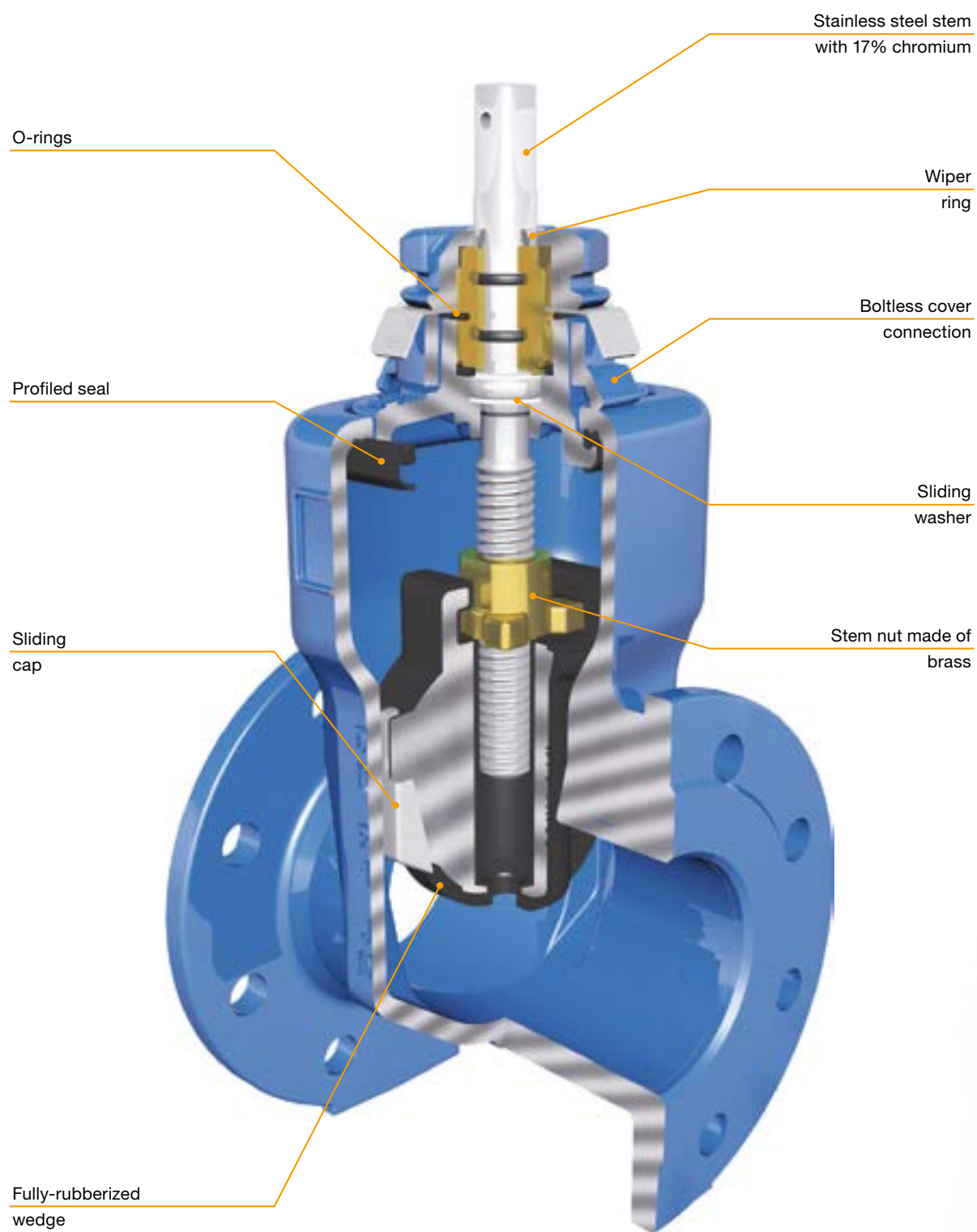


## Interesting facts

- Due to its resistance to vacuum of up to 90%, the valve is ideally suited for suction lines and gas supply lines.
- There is a very little abrasion and wear due to the wedge guiding inside the body and a long stem bearing.
- Available in material versions suitable for waste water and gas applications.

## VAG BETA® 200 Gate Valve

No screw to loose



## Product features

- **Less is more:** 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.
- **Easy operation:** The plastic sliding caps on the wedge reduce the torque. This makes operation easier even after a large number of operating cycles.
- **Maintenance free:** The high-grade materials of the stainless steel stem and the brass bearing bush make the valve resistant to corrosion and maintenance free.
- **Quality control:** Testing and registration by DVGW guarantees superior product quality by external monitoring which also takes hygienic aspects into consideration.

## Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 40 ... 300
- 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 1.4057, stem nut made of brass, resilient seated to EN 1074
- Face-to face length to EN 558, basic series 14 and 15
- Coating: heavy-duty epoxy coating (GSK quality)

## Fields of application



Water treatment



Water distribution

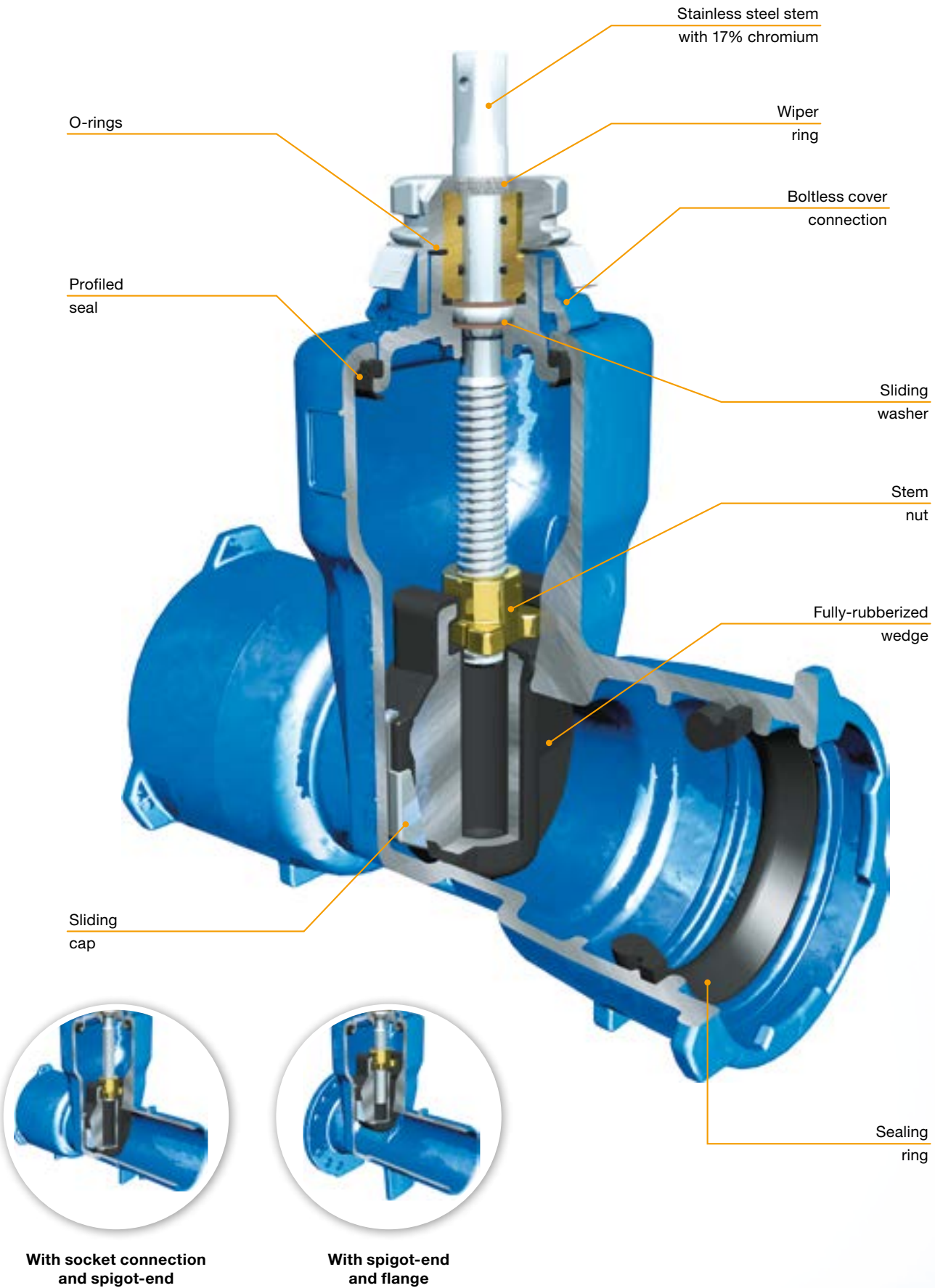


## Interesting facts

- Due to its resistance to vacuum of up to 90%, the valve is ideally suited for suction lines.
- Very little abrasion and wear due to the wedge guiding inside the body and a long stem bearing.



**VAG BAIO® BETA® 200 Gate Valve**  
For the fastest possible installation



## Product features

- Boltless, self-sealing (cover) connection prevents corrosion.
- Low torque due to plastic sliding caps on the wedge, thus easy to operate.
- 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  $\pm 3^\circ$  incline to compensate earth movements.
- Maintenance-free and corrosion-proof stem seal.
- Low wear due to wedge guide in the body and long stem bearing.

## Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 80 ... 300
- 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 1.4057 and stem nut made of brass
- Sealing types:
  - TYTON sealing rings for ductile iron pipes
  - GKS sealing rings for PVC and PE-HD pipes
- Coating: heavy-duty epoxy coating (GSK quality)

## Fields of application



Water distribution

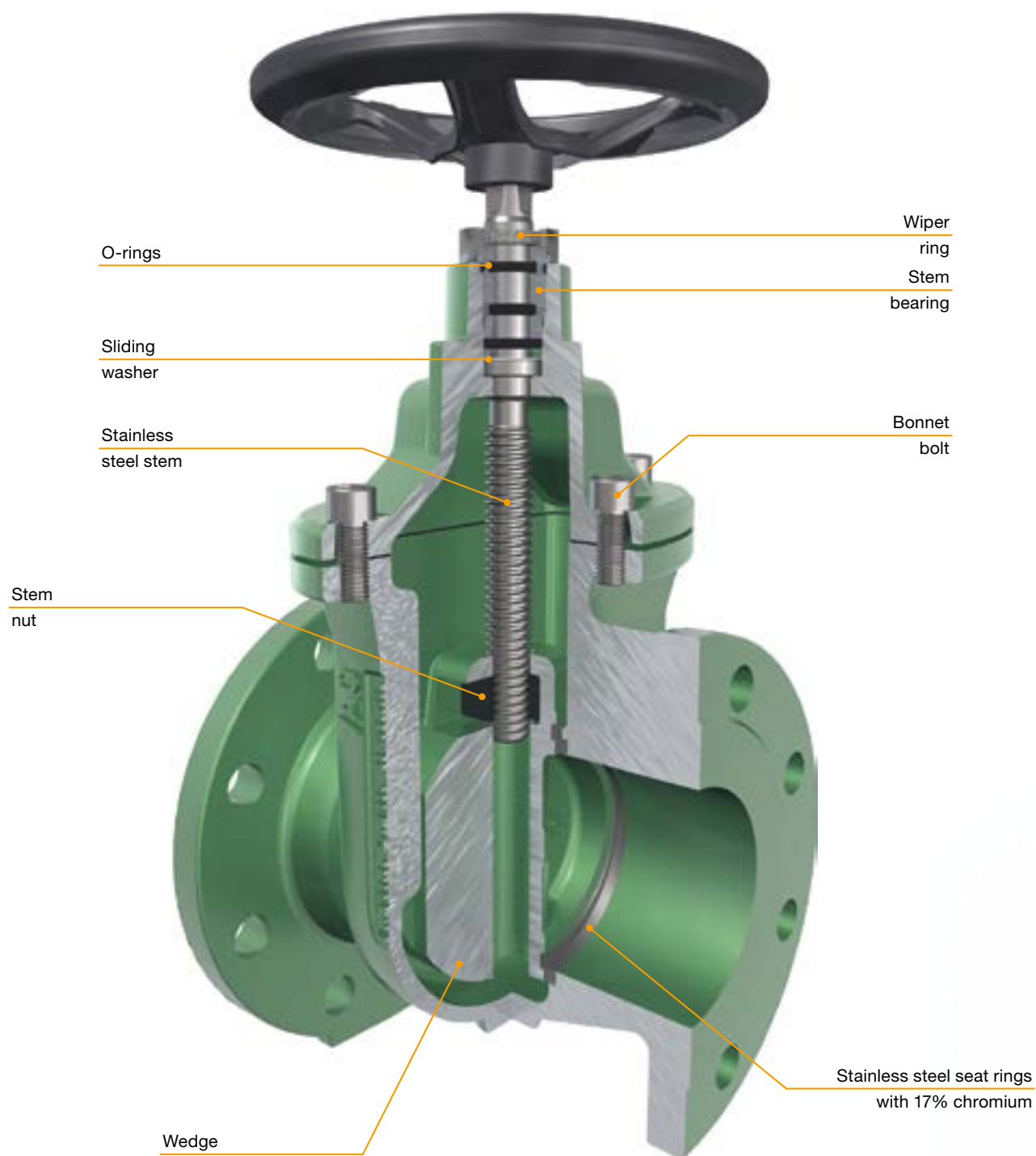


## Interesting facts

- Also suitable for vacuum of up to 90% and thus suitable for suction lines.
- Variable use with ductile iron pipes and plastic pipes by simple exchange of the sealing rings.
- Socket designed as double-function socket for internal and external locking in accordance with DIN 28603; thus universal use with all materials.

## VAG IKO<sup>®</sup>plus Gate Valve

Operation even in difficult environments





## Product features

- **High temperature resistant:** With regard to operating pressure and the thermal gradient between the medium and the environment, the valve is resistant to high temperatures up to 200 °C.
- **No stuffing box:** Maintenance free due to internal stem thread and stem bearing with O-rings.
- **Long service life:** Stainless steel seat rings guarantee high resistance to harsh operating conditions.
- **Many applications:** The combination of materials used, coatings and design allow the use of the valve in a number of diverse applications from water applications to industry and power plants.

## Technical details

- Nominal pressures PN 6, 10, 16
- Nominal diameters DN 40 ... 300
- Mediums: Hot water, steam, non-aggressive media (max. 200 °C)
- Standard versions: Body, cover and shut-off wedge made of cast iron EN-GJL-250 (GG-25), 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 acc. to EN 1171
- Face-to-face length to EN 558, basic series 14 and 15
- Coating: synthetic resin coating

## Fields of application



Industry



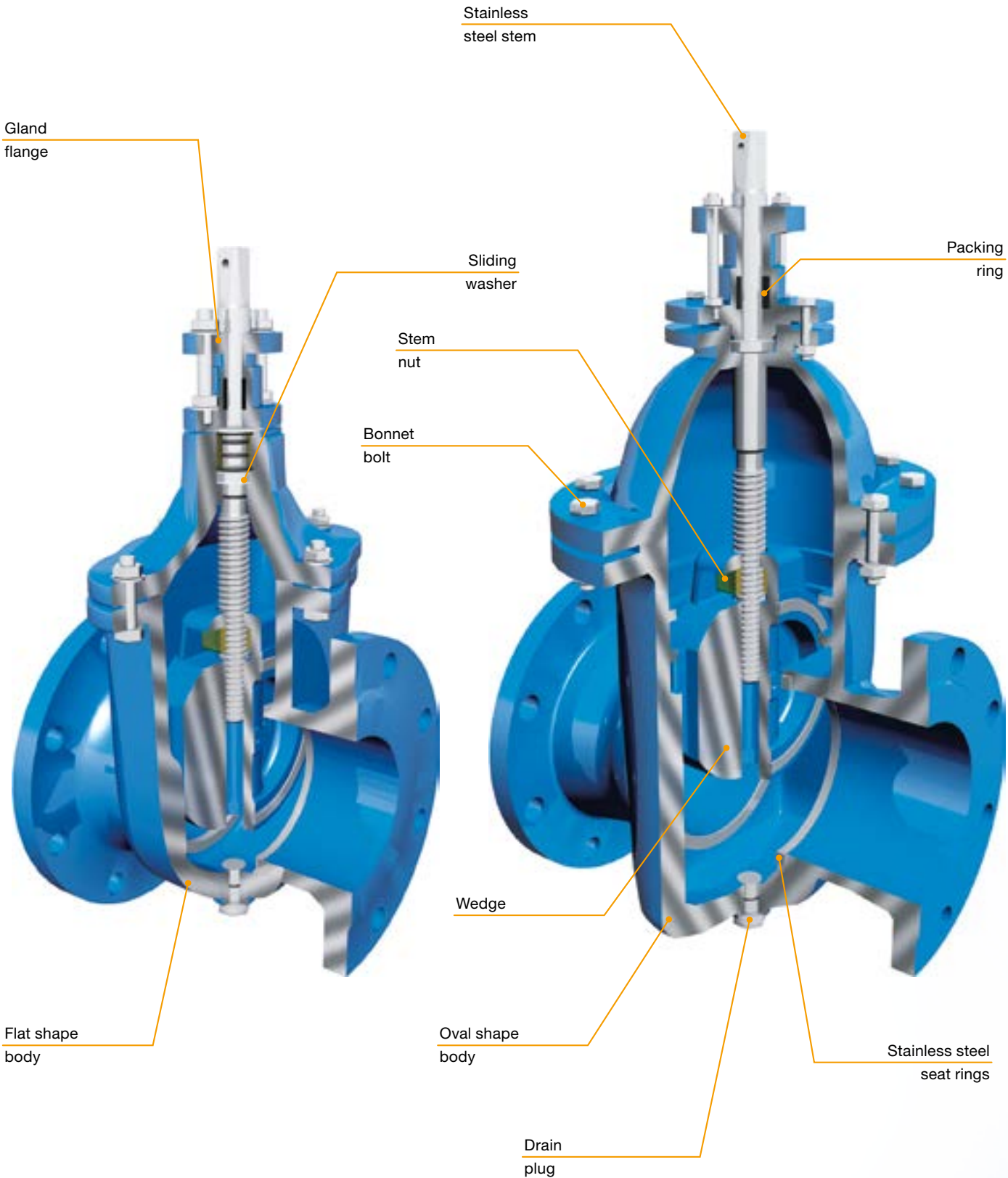
Power plants

## Interesting facts

- Special versions are available.
  - With rising stem
  - For transformer oil
  - Ductile iron version with epoxy coating suitable for drinking water

VAG KOS & KFS Gate Valve

Metallic-sealed in operation



## 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.
- Epoxy-based coating quality with a coating thickness of at least 250µm ensures long-term protection against atmospheric influences.

## Technical details

- Nominal pressures PN 10, 16
- Nominal diameters DN 50 ... 1200
- 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 acc. to EN 1171
- Face-to-face length to EN 558, basic series 15
- Coating: epoxy coating (EN 14901-1+A1)

## Fields of application



Industry

## Interesting facts

- Available in rising stem version for heavily polluted media



# The Valve Experts

## Die Armaturen-Experten

