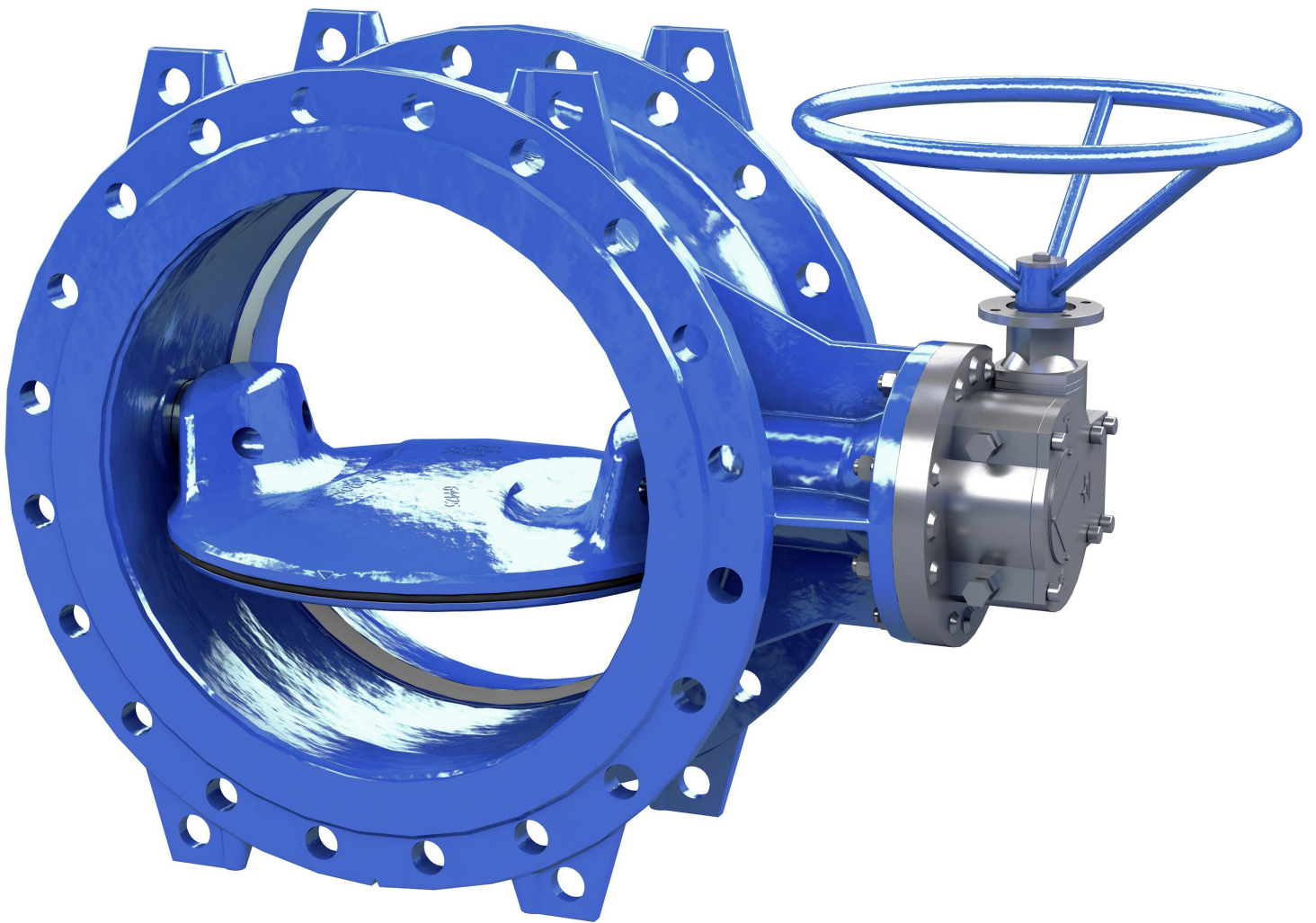

VAG EKN[®] H Butterfly Valve

Efficiency and sustainability redefined



Water distribution

Water-treatment

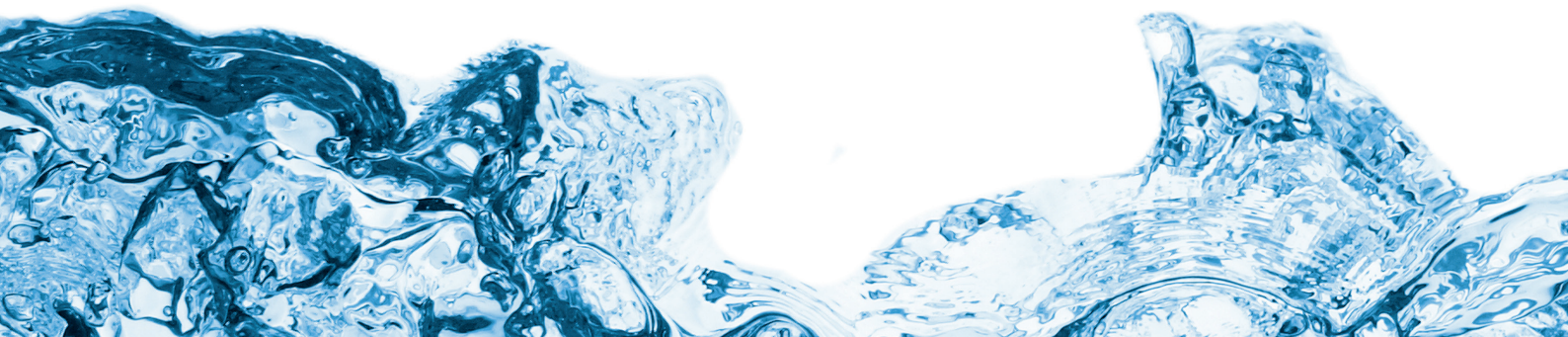
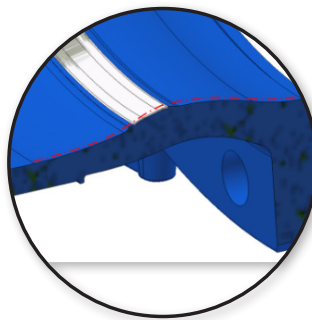
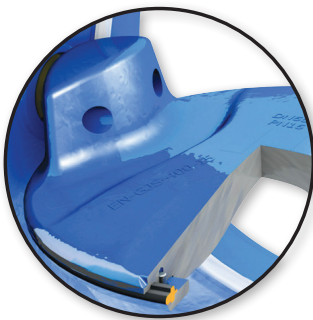
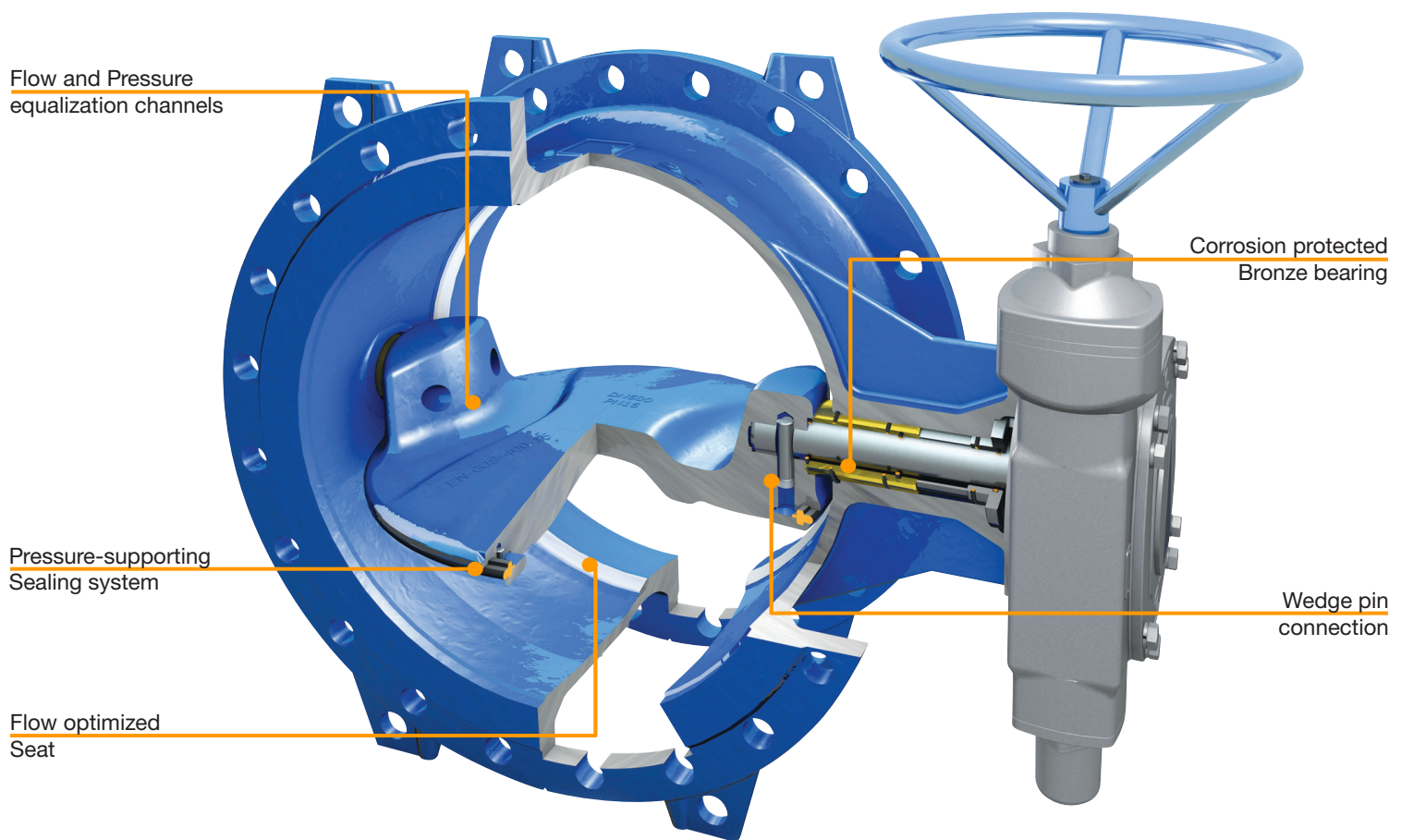
Industry

Power plant

Dam / Hydro

VAG EKN® H Butterfly Valve

Maximum efficiency down to the smallest detail:
Flow-optimized design combined with durability



Product features

- **Patented flow-optimized flap design:** Guarantees low pressure loss and extended service life by reducing turbulence and cavitation. Significant energy savings are possible thanks to reduced flow resistance.
- **Patented seat geometry:** High-alloy hardfacing reliably protects against corrosion and undermining of the seat. Flat and specially machined seat design ensures permanently low actuating torques.
- **Patented wedge pin connection:** Ensures a permanently backlash-free connection between shaft and pulley as well as a safe and permanent power transmission for maximum service life.
- **Bearing system:** The bronze bearing and the double O-ring sealing ensure effective corrosion protection of the bearing. The bearing system is therefore 100% protected from the medium.

Technical details

- Nominal pressure range PN 10 / 16 / 25
- Nominal diameter DN 150...1200
- Body and disc made of ductile cast iron EN-GJS-400-15 (GGG-40), seals and O-ring made of EPDM, shafts made of stainless steel 1.4021, seat made of high-alloyed weld overlay
- Overall length according to EN 558, basic series 14
- Inside and outside epoxy coating according to GSK guidelines
- Patented hydrodynamic disc, shaft connection and flow-optimized channel and seat design
Pressure test according to EN 12266 and DVGW certified

Fields of application



Water distribution



Water treatment



Industry



Power plants



Dam / Hydro

Interesting facts

- All common drive types are available for the EKN H.
- Larger nominal sizes available on request. Special variants still available as EKN M model.





The Valve Experts **Die Armaturen-Experten**

