

VAG KSS*plus* Hollow-Jet Discharge Valve



VAG KSSplus Hollow-Jet Discharge Valve DN 400...3000



Technical Details

- Nominal pressure
 - Standard model: max. 100 mWC (10 bar) in combination with various connecting flanges
 - Greater nominal pressures can be supplied as special constructions upon request
- Nominal diameters of DN 400...3000 (>DN 2000 upon request)
- Application: Water
- Standard model: Sliding rail at the front and back, holding device, seat ring and jacket pipe on the cylindrical sleeve made of stainless steel, body as a welded construction made of S355J2
- Internal and external epoxy coating
- Actuator types
 - With a manual gearbox
 - With electrical actuator
 - With hydraulic actuator
- Special versions
 - With a pipe hood
 - With a venting system
 - Coating specified by customer

Product features

- Cavitation-free discharge in all control positions.
- Intensive energy conversion through umbrella-like breaking of the jet stream.
- Very high discharge capacity with mostly linear regulation characteristics.
- Cylindrical sleeve with adjustable sliding block guides for better adjustment of the cylindrical sleeve to prevent sluggish operation. Furthermore, the adjustable sliding block guide prevents vibration, which has a positive effect on the life expectation of the valve.
- No risk of vibration, as the flow is only disrupted at the front so that there are no partial separations in the discharge valve.
- Robust sealing: primary sealing metallic, secondary sealing flexible
- Easy to maintain, because
 - Sealing can be replaced without dismantling the valve.
 - Exterior actuator parts are easy to maintain and replace.
- No clamping power to impede movement and unhindered opening movement through long guide and exterior drive spindles.
- Low driving forces (largely decompressed).