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VAG EROX®plus Penstock Shut-off and control valve



Stainless steel shut-off and control valve with open or closed frame design for wall-mounting. Particularly sturdy design with a newly developed, patented sealing system. Suitable for applications with stringent requirements in terms of tightness in wastewater systems, in municipal sewage treatment plants, in storm-water retention basins, in flood and damage protection as well as in industrial sewage treatment plants and in power plants.

Personal consulting

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General information

Product features and benefits

- Four side sealing
- Leak-tightness: max. 1% of the permissible leak rate (on-seat and off-seat pressure) according to DIN 19569 Part 4; corresponds to EN 12266 Leak Rate G in installed condition
- Compact valve with self-contained frame design for wall mounting with anchors
- Non-rising stem and integrated stem bearing
- Rotatable stem nut
- Sliding system between gate and frame (sizes 150x150...300x300)
- Patented VAG sliding wedge system between gate and frame (sizes 400x400...1200x1200)
- Vibration-free guiding of the gate over the entire travel; can be used in intermediate positions as control valve
- Improved leak-tightness by interlocking system between gate

Material

- Frame: Stainless steel 1.4301
- Knife: Stainless steel 1.4301
- Stem: Stainless steel 1.4057
- Seals: Wastewater and UV-resistant EPDM
- Stem nut: Zinc-free bronze (wastewater resistant)

Corrosion protection

- All stainless steel parts: Dip pickled and passivated

[Assembly instruction EROX®plus](#)

[Product video \(available after login\)](#)

Accessories
[VAG REMO Remote Control System](#)

and top traverse (sizes 700x700...
1200x1200)

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- Integrated and chambered profiled seal
- Seal between valve and wall mounted to the valve and ready for operation
- Sturdy welded structure
- Square opening for wall mounting with anchors

Product versions

Closed frame design



Product features and benefits

- Compact valve with closed frame and integrated stem bearing
- Basis for system solutions with non-rising stem in non-submerged installations

Open frame design

Water tight



Product features and benefits

- Open frame design with separate stem bearing
- Basis for system solutions with rising stem in submerged installations



Product features and benefits

- Leak-tightness (on-seat and off-seat pressure) according to EN 12266-2 rate A
- Seal between valve and wall mounted to the valve and ready for operation

- Sturdy welded structure; components dip pickled and passivated

Material

- Frame design: Stainless steel 1.4301 (AISI 304)
- Spindle: Stainless steel 1.4057 (AISI 431)
- Gate: Stainless steel 1.4301 (AISI 304)

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