

## **VAG EROX® Sluice Gate**

**Leak-proof as can be**



# VAG EROX® Sluice Gate

## Safe as can be

The protection of our environment requires demanding process and plant technology. This should only be based on the functional safety and absolute leakproofness of the valves. Harmful substances must in no way leak into our waters. Leakage rates are often no longer acceptable. Functional safety for rigorous daily operation must be guaranteed for many years by the sluice

gates. This is true for industrial and residential sewage treatment plants, in flood water and water supply protection as well as in cooling water systems.

Due to their functional design and their patented sealing system, VAG EROX Sluice Gates perfectly respond to all of these requirements.

### Safe

We offer maximum operational safety:

- improved stability of the whole design based on FEM-analysis
- low actuating forces
- high resistance to corrosion due to the use of pickled and passivated stainless steel



### Leak-proof

The patented EROX sealing system is based on the separation of sealing function and installation parts. Even in cases of uneven walls, the sealing function of the EROX is in no way affected.



Test-bench for  
VAG EROX Sluice Gates

### Maintenance-free

The VAG EROX Sluice Gate is maintenance-free. All EROX delivered up to now are working trouble-free since they have been taken into operation.

# VAG EROX® Sluice Gate

## Variable as can be

### EROX



with anchoring system for circular orifice

### EROX-F



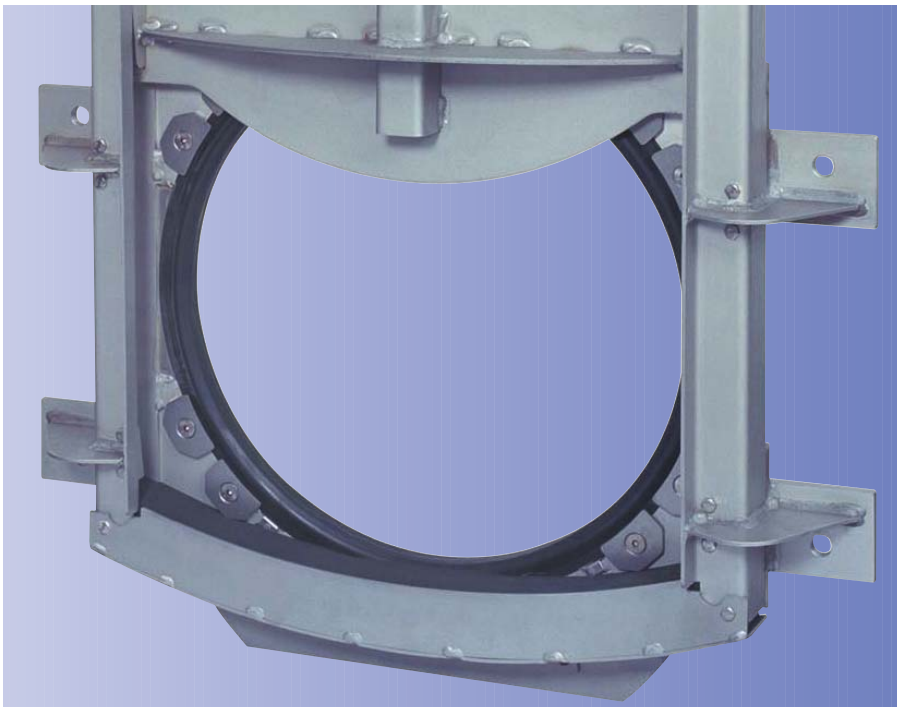
for flange connection for circular orifice

### EROX-Q



with anchoring system for square or rectangular orifice

### EROX-G



for circular, square or rectangular orifice with smooth gate bottom

#### Product features

- leak-proof up to 6 m WC following DIN 3230, part 3, according to table 5, BN, leakage rate 2 (German standard for drinking water)
- compact design
- easy installation
- sluice gate is instantly ready for operation after anchorage
- low actuating forces
- maintenance-free

#### Materials

- all parts made of stainless steel 1.4301 or 1.4571
- bearing made of zinc-free bronze
- gasket made of EPDM or NBR

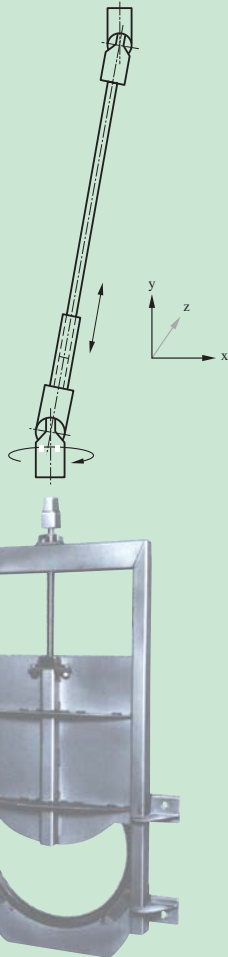
#### Application

- chemical industry
- flood water and water supply protection
- use water and waste water plants

# VAG EROX® Sluice Gate Accessory

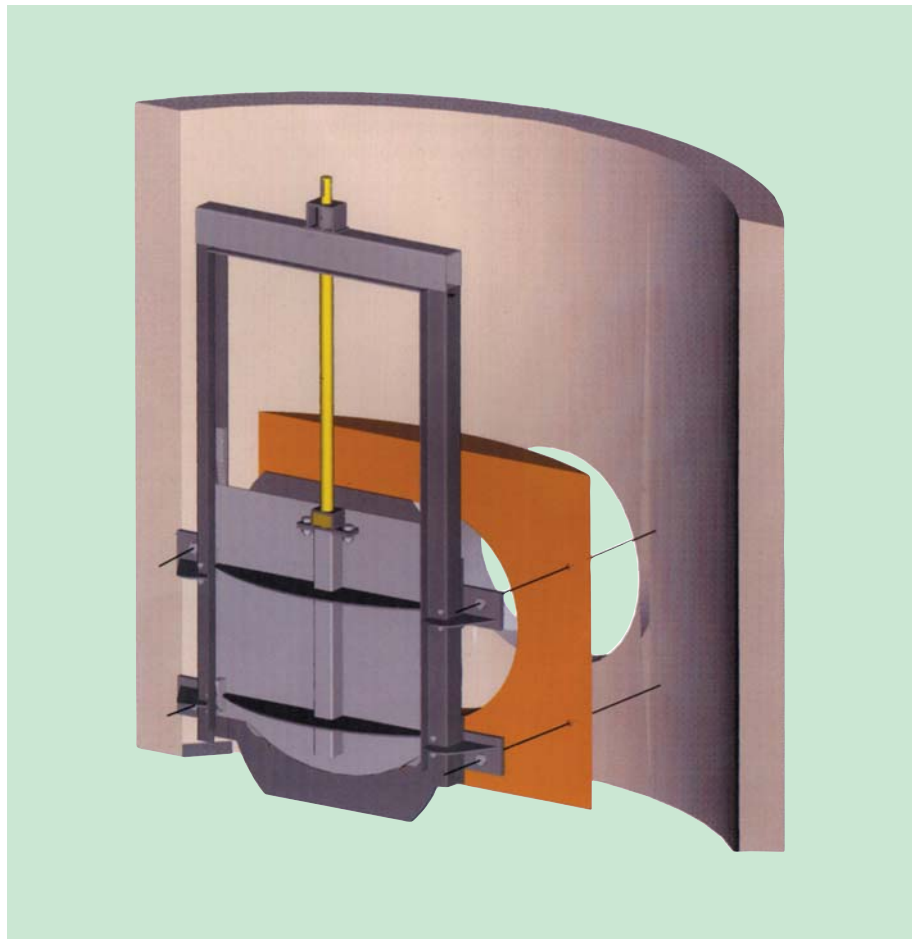
## ROTAG® Remote Control System

The multi-purpose ROTAG Remote Control System allows the realisation of any kind of installation and application of the EROX Sluice Gate.



## Segment Stone

The easiest and quickest way to install a sluice gate into a circular pit.



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