

Subsea Axial Control Valve

For optimum control of subsea processes

Type designation

Subsea control valve

Model

RZD-OW-R-TC

Scope

- Sizes 5" - 16"
- Rating API 3000 - 10 000
- Other pressure ratings upon request

Water depth

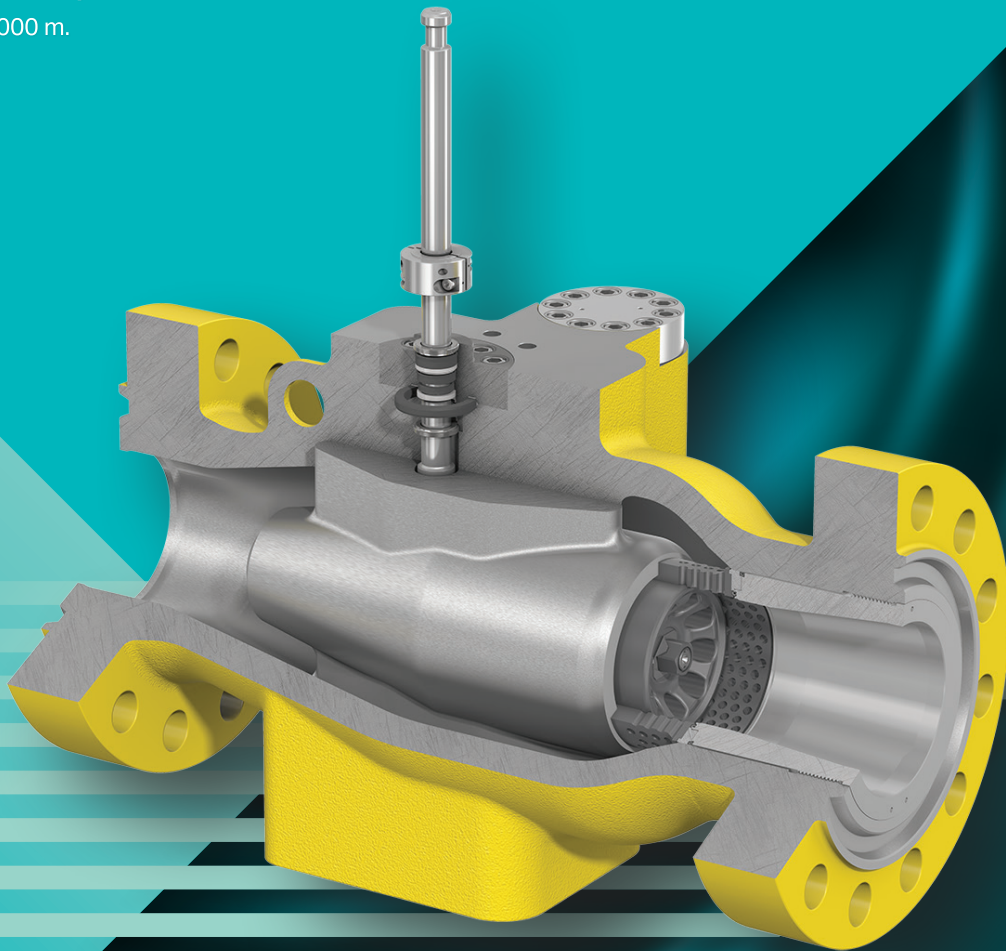
- 3000 m.

In preference to

- Subsea ball valve
- Subsea angle control valve

Typical applications

- Subsea special control
- Subsea anti-surge / recycle control
- Subsea separator control
- Subsea severe duty (axial choke valve)



Mokveld subsea axial control valves main features:

Subsea qualified

Successful qualification of components, compliance to PR2 testing, 500.000 stroke endurance testing without stem seal leakage, hyperbaric testing.

Axial flow

Streamlined flow path through full-port expanded body avoids turbulence and prevents erosion and vibration.

Unique TVM®

Total Velocity Management® concept: intelligent valve design that carefully manages fluid velocity in all areas of the valve.

Severe service

Suitable for unclean process medium. As a standard supplied including Tungsten Carbide trim for ultimate reliability.

Fast control

Fast stroking and accurate control is possible due to the pressure balanced piston rod. Especially suitable for anti-surge applications.

High capacity

The inherent capacity of the axial valve is very high compared to conventional control valves and enables the selection of a smaller valve size.

Actuator flexibility

The valve is suitable for a variety of linear subsea actuators. Designed for automatic operation with hydraulic or electric subsea actuators.

Special features

- Custom-designed valve trim for each unique control application.
- Suitable for applications that require a high turn down.

For more information, please contact Mokveld.

