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.

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.

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

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

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

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

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

For more information, please contact Mokveld.