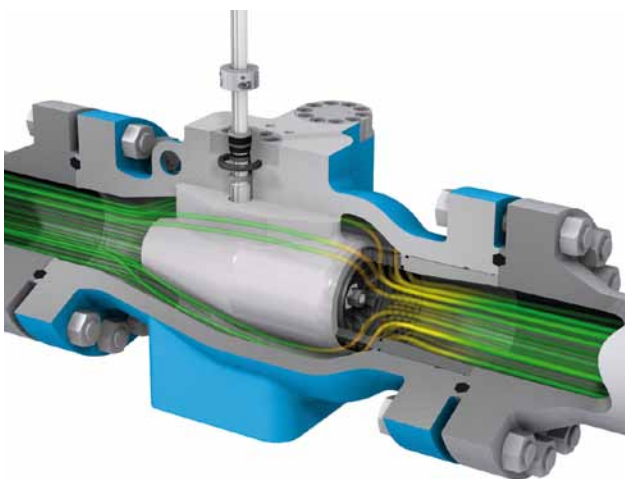


# subsea axial control valve

## product summary sheet

<b>Type designation</b>	Control valve
<b>Mokveld model</b>	RZD-OW-R....-TC
<b>Scope</b>	Sizes 6" - 24" Rating API 3000 - 10000 Different pressure ratings upon request
<b>Water depth</b>	3000 m.
<b>In preference to</b>	Subsea ball valve Subsea angle control valve
<b>Typical applications</b>	Subsea special control Subsea anti-surge / recycle control Subsea separator control Subsea severe duty (axial choke valve)



## Mokveld subsea axial control valves offer the following 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 turndown.

For more detailed information, please contact Mokveld.