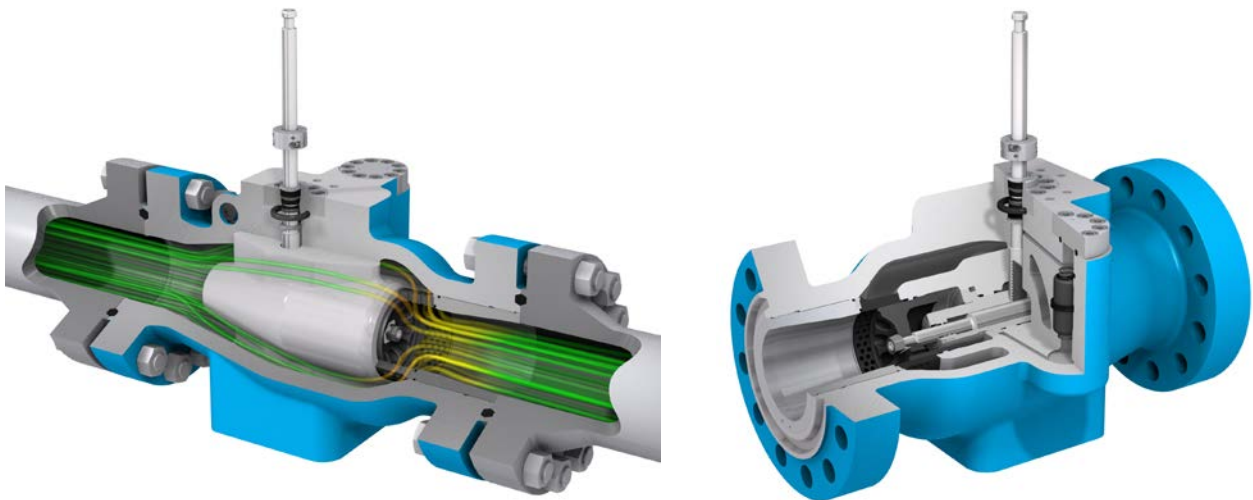


subsea axial flow valve

product summary sheet

Type designation	Axial flow valve
Model	RZD-OW-R....-TC
Scope	Sizes 8" Rating API 3000 - 10000 Other sizes and different pressure ratings upon request
Water depth	3000 m.
In preference to	Subsea ball valve Subsea angle control valve
Typical applications	Subsea anti-surge / recycle control Subsea HIPPS Subsea separator control Subsea severe duty (axial choke valve)



Mokveld subsea axial flow 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 HIPPS and 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.