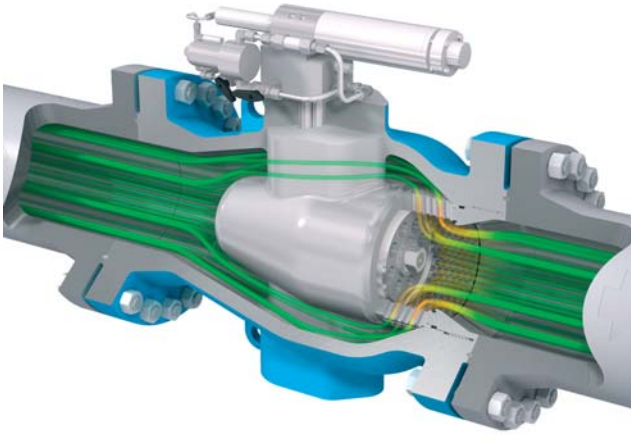
axial surge relief valve
product summary sheet

Type designation	Surge Relief Valve
Model	RZD-SR-R
Scope	Sizes 6" - 12" Rating ASME Class 150 - 900
Alternative to	Nitrogen-Compensated Surge Relief Valve Flexible-Sleeve Surge Relief Valve Angle Relief Valve
Typical applications	Hydraulic Pressure Surge Relief Transmission Lines Oil Tanker Loading Terminals Remote Locations



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Mokveld Axial Surge Relief Valves offer the following main features:

- **Quick response** — The high-capacity proportional pilot design allows fast response to surge pressure. This results in prompt return to stable pressure conditions.
- **High capacity** — The capacity of the Axial Surge Relief Valve is extremely high: 50% - 100% increase compared to conventional globe. Consequently, reduced valve size can be selected.
- **Unique TVM®** — Total Velocity Management concept: intelligent valve design that carefully manages fluid velocity in all areas of the valve.
- **No external energy** — The use of the pilot-type design eliminates a nitrogen system including all accessories, such as temperature-compensating devices.
- **Low-maintenance** — Due to the absence of any external power supply such as nitrogen, maintenance is reduced to the bare minimum, making the valve ideal for remote or inaccessible locations.
- **High-performance** — Pilot and surge valve designs are based on simplicity. All components are field-proven to provide maximum protection reliability. They operate solely on fluid static pressure.
- **Stable operation** — The design of the pilot incorporates snap-acting opening when the set pressure is reached and automatic switching to control in the event of continuing high-pressure conditions.
- **Special features** — Custom-designed valve, trim and pilot design for each unique control application. Sophisticated simulation models for the response to pressure surges are available. Anti-cavitation trims are available to avoid foam in spill tanks.

For more detailed information, please contact Mokveld.

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Mokveld Valves bv • Nijverheidsstraat 67 • P.O. Box 227 • 2800 AE Gouda • The Netherlands
T +31 (0)182 597500 • F +31 (0)182 517977 • E info@mokveld.com • I www.mokveld.com

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