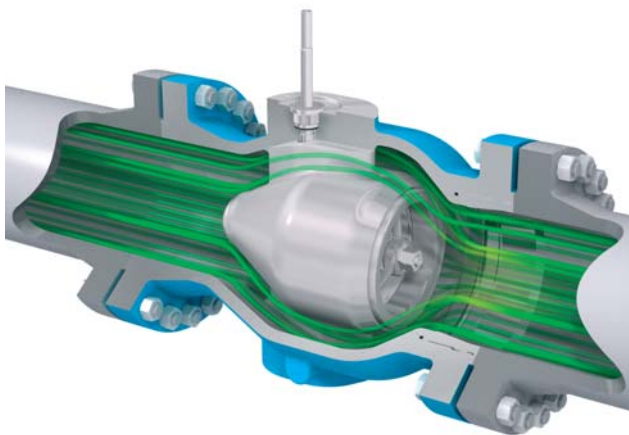


axial on-off valve

product summary sheet

Type designation	On-Off or Isolating Valve
Model	RZD-X
Scope	Sizes 2" - 72" Rating ASME Class 150 - 2500 or API 3000 - 10000
Alternative to	Ball Valve Plug Valve Gate Valve
Typical applications	Severe-Duty On-Off (Upstream) Quick-Acting On-Off (HIPPS) Flow Line and Header On-Off Critical Isolation, Start-up and Blow-down



Mokveld Axial On-Off Valves offer the following main features:

- **Axial flow** Streamlined flow path through full-port expanded body avoids turbulence and prevents erosion and vibration. Process downtime and maintenance costs are reduced.
- **Low pressure drop** The capacity of the Axial On-Off Valve is extremely high, as a result of which the pressure drop is negligible. Operating costs of pumps and compressors are reduced.
- **Pressure-balanced** The operating forces are independent of pressure. Valve can be opened against full differential pressure. Equalisation with bypass valve is not required.
- **Easy actuation** Actuation force is low and constant because of pressure-balanced trim. Small, spring-opposed actuators can be selected and gearboxes are not required.
- **Excellent sealing** In the open position the main seal is protected against erosive flow. The self-energising sealing system offers reliable bi-directional and bubble-tight shut-off.
- **Compact** The one-piece valve body provides 15% - 60% weight reduction compared to ball or gate valves. This feature is even more attractive combined with spring-opposed actuators.
- **Fire-safe** Axial On-Off Valves do not have a bonnet. With the sealing system in the valve centre, the valve is inherently fire-safe to the atmosphere.
- **Special features** Suitable for infrequent use: operating forces do not increase over time. No sticking. Reliable: secured process isolation by means of dependable On-Off technology (HIPPS). Very fast stroke times: 20" Class 1500 in less than 2 seconds. Custom-designed.

For more detailed information, please contact Mokveld.