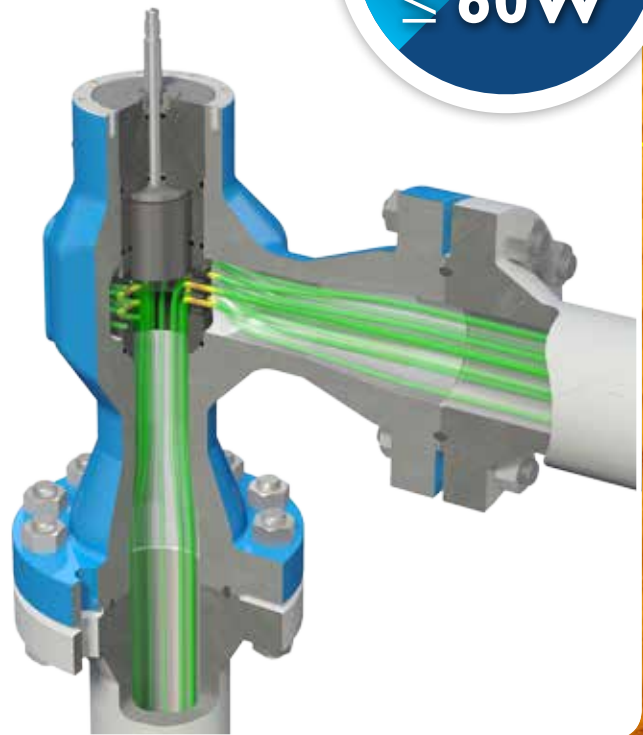


low power actuated angle choke valve

The severe service Mokveld angle choke valve fitted with a low power 24V actuator. This combination is ideally suited for a standalone solar power solution; as part of a well site automation package.



24V
≤ 60W



Mokveld low power actuated angle choke valves offer the following main features:

- **Unique TVM®** Total Velocity Management® concept: intelligent valve design that carefully manages fluid velocity in all areas of the valve, minimizing erosion of body and trim.
- **Maximized up-time** Improved gallery area and flow path design results in maximised production up-time. Our standard design includes a cage, piston and bean of solid high-quality Tungsten Carbide with the grade selected depending on the service.
- **Accurate control** Pressure-balanced trim and the use of low-friction lip seals allow small actuators and accurate control (also with minimum opening).
- **Safety bonnet** The screwed safety bonnet prevents the well-known 'closed-in pressure risk' with disassembly, associated with bolted bonnet chokes.
- **Easy maintenance** The weight of the choke parts is low, and their number limited. This ensures easy maintenance and reduces lost production time. With angle transmission installed, the choke can be maintained without removal of actuator and instrument connections.
- **Special features**
 - Custom-designed valve, trim and actuator for each unique choke application.
 - Wide variety of liquid, gas and multi-phase trims in linear and equal% execution.
 - Low fugitive emission: Tightness class B certified conform ISO 15848-1.
 - Fire safe: API 6FA certified.
- **Low power actuator** (as displayed on the front)
 - Power consumption $\leq 60W$ at 24V DC ideally for UPS, battery operation or solar powered systems.
 - Manual override with hand wheel.
 - Self locking spindle design (linear SDL unit).
 - Ingress protection: IP68.
 - Hazardous area protection: II2 Ex IIB T4.

For more detailed information, please contact Mokveld.