

Clarkson Knife Gate Valve

Isolation Technology for Demanding Potash Applications

Clarkson SU10R



Experience Industrial Innovation

Engineered to improve service life in potash applications and reduce total cost of ownership. Ideal for light to medium slurries.



A true field repairable valve for potash applications.

- bi-directional
- non-push through
- zero-leakage



Potash Expertise

- Spartan's Potash Centre of Excellence has local application knowledge
- Stock of Clarkson knife gate valves
- Repair expertise:
 - 18,000ft² of shop space with dedicated isolation service advisors, valve and actuator technicians.

Application Knowledge

1. Slurry pump isolation
2. Brine & Reclaim Brine
3. Tailings processes
4. Process effluent water

Service Life

- Fully Repairable asset with easy to replace liner.
- Make rapid in-line adjustments to the sealing system as needed to maintain sealing performance
- Valve design allows end users to experience optimal Total Cost of Ownership

Allow Spartan Controls to be your valve partner for your potash applications.

Contact Duane Lunde at the local Regina office.
306-721-6925



Heavy-Duty Precision-Molded Elastomer Seat

Provides More Surface Area for Superior Isolation and Reliability

Rugged Simplicity

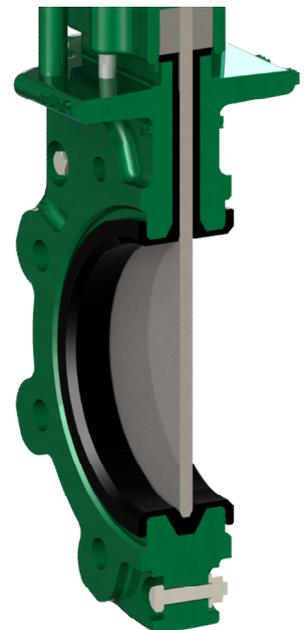


The Clarkson SU10R Polyurethane Lined Knife Gate Valve is engineered to ensure its reliability. The leading market solution for medium density slurry applications, proven to meet needs and budget.

- Patented easy-to-replace liner means no special tools or techniques are needed. *Overhaul can be done on-site in hours, not days or weeks.*
- Superior abrasion resistance that extends the life of your valve.
- Eliminates the need for spare valves, reducing cost of ownership.
- Heavy robust design offering 10bar (150psi) shutoff throughout the range.
- Optional high temperature liner for use in “hot brine” applications.

Clarkson™ SU10R Key Features

- The SU10R valve offers 10bar (150psi) bi-directional isolation, with a field replaceable snap-in liner that protects the valve internals from abrasion and corrosive slurries, increasing reliability and service life.
- The liner has integral flange seals eliminating the need for flange gaskets in many cases.
- Compact two-piece split body construction for easy maintenance.
- Full round port and seat design reduce pressure drop across the valve to extend service life in abrasive applications.
- Inverted self-aligning packing gland improves overall packing life.
- Fully rated 316 stainless steel gate, with optional 17-4 PH to provide improved abrasion resistance against the rigors of abrasive applications
- Unique truncated and chamfered gate profile stimulates turbulence as the gate closes towards the liner to displace solids between the gate and liner when closing which leads to prolonged intervals between service
- Complies with MSS SP-81 face-to-face dimensions.



Call us or request a quote online 24/7 + 1 (877) 278-6404

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