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# E6300 High Pressure, Heavy Slurry Knife Gate Valve

Product Brief

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**The E6300 High Pressure, Heavy Slurry KGV is specifically designed for the mining, cement, and power industries. The double-seat, cavity free design ensures reliable, bidirectional, shut-off in demanding applications that include heavy slurries, rocks, coarse powders, and other abrasive materials. The E6300 is ideally suited for any rubber lined piping application.**

## Features & Benefits

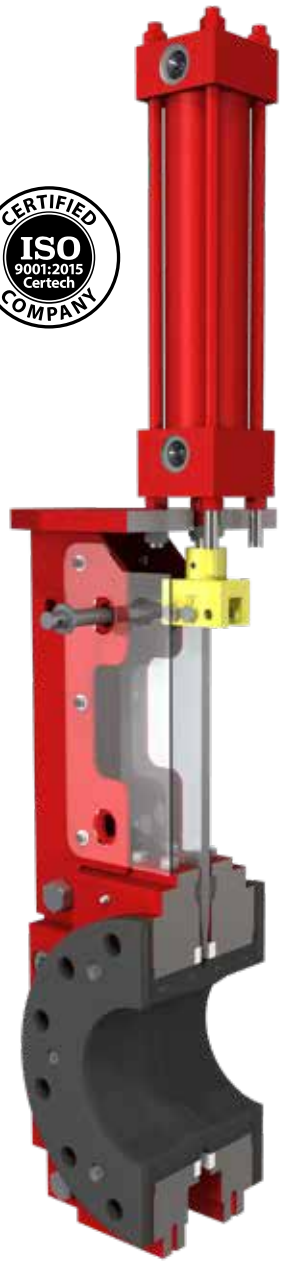
- Double-seat, cavity free design allows bidirectional flow/shut-off and eliminates material buildup
- Steel reinforced, natural rubber seats provide zero downstream leakage and are field replaceable to minimize downtime
- Full port opening allows maximum throughput and minimizes pressure drop
- Lubricating wiper ensures smooth gate operation
- Lockout pin and safety covers, included as standard, ensure operator and maintenance safety
- High visibility clevis provides easy identification of valve position
- ISO 5211 mounting pattern allows direct mounting of various actuation options
- Grease fitting on handwheel bearing reduces operating torques

## Technical Details & Standards

- Standard sizes available: 2”– 24” (larger sizes available on request)
- Ductile Iron body
- Polished 316SS gate
- 304SS stem with rolled ACME threads
- Heavy duty yoke with safety screens
- Natural Rubber seats and wiper
- UHMW gate guides
- 300psi pressure rating (maximum 750psi pressure rating with alternate components and materials)
- ASME B16.5 Class 300 flange pattern (alternate flange patterns available on request)
- Canadian CRN

## Options & Accessories

- Higher alloy or hardened gates including 17-4PH, RC50, and Duplex for improved corrosion and wear resistance
- Specialty gate coatings including Xylan 1070, Stellite, or hard chrome for improved wear resistance
- Alternate seat materials including BUNA-N, HNBR, or urethane for process compatibility
- Pneumatic or hydraulic cylinders and electric actuators for automated or remote control
- Bevel gearbox for easy manual operation
- Proximity switches for gate position feedback
- Stem boot to ensure reliable actuation in adverse conditions
- Drain plate with flushing ports to prevent material buildup



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