

Elite E5800 Heavy Slurry, Wide Body Knife Gate Valve

Brand: Elite Valve



Short Description

The E5800 knife gate valve is specifically designed for heavy slurry use in the mining and mineral processing industries. Wide body, flanged process connection Bidirectional, reinforced seat rings, push-through design Ductile iron body Up to 150psi 2" to 24" (larger on request)

Description

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 including bevel gear, pneumatic or hydraulic cylinders, and electric actuators

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
- Natural Rubber seats and wiper
- 150psi standard pressure rating (higher pressure ratings are achieved with alternate components and materials)
- Wide body design with ASME B16.5 Class 150 flange pattern (alternate flange patterns available on request)
- Canadian CRN