

Elite E5600/E6600/E7600 High Performance Knife Gate Valve



Brand: Elite Valve

Short Description

The E5600, E6600, and E7600 are high performance knife gate valves specifically designed for severe service type applications in the pulp & paper, mining, oil & gas, and power generation industries. Bidirectional, perimeter seat, transverse seal design WCB, stainless steel or high alloy body ASME Class 150 / 300 / 600 MSS SP-135 2" to 48" (larger on request)

Description

Features & Benefits

- Perimeter style seat provides reliable, bidirectional flow/ shutoff for zero downstream leakage
- Full port opening allows maximum throughput and minimizes pressure drop
- Transverse seal design with scrapers reduces material build-up and provides reliable sealing
- Positive gate stop ensures seat integrity is maintained
- Flushing ports allow elimination of material buildup
- Lockout pin and safety covers, included as standard, ensures operator and maintenance safety
- High visibility clevis provides easy identification of valve position
- Provision for proximity sensors allows easy integration of position feedback
- 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)
- Standard WCB with black oxide finish or 316SS body
- Polished 316SS gate
- 304SS stem with rolled ACME threads
- Heavy duty yoke with safety screens
- Aflas resilient seat
- Aflas transverse seals with phenolic scrapers and PTFE energizer
- Pressure rating per ASME Class 150
- ASME B16.5 flange pattern (alternate flange patterns available on request)
- Meets MSS SP-135 design requirements
- Canadian CRN

