

Elite OP5700 Aggressive Process O-Port Knife Gate Valve



Brand: Elite Valve

Short Description

The OP5700 is an O-Port style knife gate valve designed specifically for use in aggressive processes and high wear applications in the pulp & paper, and chemical industries. Through conduit design Hardened seat ring and gate ASME Class 150 MSS SP-135 2" to 24" (larger on request)

Description

Technical Details and Standards • Standard sizes available: 2"-24" (larger sizes available on request) • 316SS body • RC50 (hardened) seats and gate • 304SS stem and yoke • Up to 650°C (1200°F) standard temperature rating with RC50 seats and graphite packing • Class 150/300/600 pressure rating (higher pressure and temperature ratings are achieved with alternate components and materials) • ASME B16.5 flange pattern (alternate flange patterns available on request) • Meets MSS SP-135 design requirements • Canadian CRN Available Options • Higher alloy body materials such as 317SS, 2205SS, 2507SS, or titanium for improved corrosion resistance • Higher alloy or hardened seats and gates including 317SS, 2205SS, 2507SS, RC50, Inconel 625, 17-4ph, or titanium for improved corrosion and wear resistance • Resilient seat materials including Viton, Aflas, or Kalrez for process compatibility • Specialty gate and body coatings including Needox SF2, Xylan 1070, and hard chrome for improved corrosion and wear resistance • High temperature, live loaded, or energized packing systems for improved sealing in aggressive applications • Tandem pneumatic or hydraulic actuation options for high-thrust requirements • PTFE/UHMW lining for cavity free design to prevent material build-up • Upper and lower gate guards to ensure operator safety • Proximity switches for gate position feedback

