

Elite E5400 General Purpose Knife Gate Valve

Brand: Elite Valve



Short Description

The E5400 is a general purpose knife gate valve designed for use in a wide variety of industrial and municipal applications. Unidirectional, resilient, or metal seat Stainless steel or high alloy body 150psi max pressure MSS SP-81 2" to 60" (larger on request)

Description

Features & Benefits

- Manufactured from stainless steel for durability and corrosion resistance
- Beveled gate design ensures pressure independent process seal
- Gate backer improves process seal for low pressure and reverse flow conditions (sizes 12"+)
- Lockout pin provision ensures operator and maintenance safety
- Provision for proximity probes allows easy integration for position feedback
- Easily configurable for mounting of various actuation options including bevel gear, pneumatic or hydraulic cylinders, and electric actuators
- Grease fitting on stainless steel handwheel bearing reduces operating torques

Technical Details & Standards

- Standard sizes available: 2"- 60" (larger sizes available on request)
- Cast 304SS or 316SS body
- Polished 304SS or 316SS gate
- 304SS stem and yoke
- Viton or metal seat
- Braided PTFE packing with adjustable packing follower
- 2"- 24" = 150psi / >30" = 30psi standard pressure ratings (higher pressure ratings are achieved with alternate components and materials)
- Fully lagged, ASME B16.5 Class 150 flange pattern (alternate flange patterns available on request)
- AWWA C520 compliant
- Meets MSS SP-81 and TAPPI-TIS 405 design requirements
- Canadian CRN