

Elite E5100 Light Process Knife Gate Valve



Brand: Elite Valve

Short Description

The E5100 knife gate valve is designed for light process industrial use as well as the municipal water & wastewater industry. Bidirectional, perimeter seat design Stainless steel body 150psi max pressure 2" to 24" (larger on request)

Description

Features & Benefits

- Perimeter style seat provides reliable, bidirectional flow/shutoff
- Steel reinforced, replaceable seats ensure zero downstream leakage
- Full port opening allows maximum throughput and minimizes pressure drop
- Positive gate stop ensures seat integrity is maintained
- Lockout pin provision ensures 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)
- Cast 304SS or 316SS body
- Polished 304SS or 316SS gate
- 304SS stem and yoke
- Steel reinforced, replaceable Viton seat
- Braided PTFE packing with adjustable packing follower
- 150psi standard pressure rating (higher pressure ratings are achieved with alternate components and materials)
- Fully lugged, 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