

# 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