

# Elite E5500 High Temperature Class 150 Knife Gate Valve



**Brand:** Elite Valve

## Short Description

The E5500 knife gate valve is designed and configured specifically for use in industrial applications with high process temperatures. Up to 1200°F (650°C) max temperature. Unidirectional resilient or metal seat. Stainless steel or high alloy body ASME Class 150 MSS SP-135 2" to 12" (larger on request)

## Description

**Features & Benefits**

- Manufactured from select materials for high temperature resistance
- Beveled gate design ensures pressure independent process seal
- Lockout pin provision ensures operator and maintenance safety
- 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 manual operating torques

**Technical Details & Standards**

- Standard sizes available: 2"- 12" (larger sizes available on request)
- Cast 316SS body
- Special alloy SS gate
- 304SS stem
- 304SS yoke with ISO 5211 mounting pattern
- Resilient or metal seat
- Inconel reinforced graphite packing with adjustable packing follower

**Options & Accessories**

- 480°C (900°F) standard temperature rating (up to 650°C/1200°F with alternate materials)
- Pressure rating as per ASME Class 150
- Fully lugged, ASME B16.5 Class 150 flange pattern (alternate flange patterns available on request)
- Meets MSS SP-135 design requirements
- Canadian CRN