

HEAVY DUTY KNIFE GATE VALVE

The Orbinox Series 20 Knife Gate Valves are engineered for the toughest corrosive, abrasive liquid, slurry, or dry material applications including Pulp and Paper, Power, Mining, Chemical, Wastewater, and Food and Beverage.

DESIGN FEATURES

1. Easily convert between manual and pneumatic operation without removing the yoke
2. One piece stainless steel yoke
3. Standard multi-layer square packing provides exceptional gland sealing (optional "live loaded" packing)
4. Integral metal seat and replaceable resilient zero leakage seat options (EPDM, Viton, Nitrile, Aflas, etc.)
5. Lugged body suitable for dead-end service
6. Variety of body options available, 304, 316, 317, 254-SMO, Exotics, in 2-48" (50-1200mm)
7. Variety of gate options available, 304, 316, 317, 254-SMO, QPQ Coated, Hardened, etc.
8. Stem protector standard
9. Variety of actuation methods (Handwheel, Chainwheel, SA/DA Pneumatic Cylinder, AWWA Nut, Gear-Operators, Quick Operating Lever, Hydraulic Actuator, Electric Actuator, Non-Rising Stem)

OPTIONS

- Variety of Packing Options for Corrosive and High-Temperature Environments
- Deflection cone - added Seat/Gate Protection
- V-Port Design for Throttling and Modulation Control
- Solenoid Valves
- Mechanical Limit Switches
- Proximity Switches
- Locking Device
- Mechanical Stops
- Stem Extensions and Floor Stands

