

## WAFER STYLE KNIFE GATE VALVE

The Series 10 Orbinox knife gate valve features a single-piece, cast body design that offers rugged performance in industrial applications ranging from Food and Beverage to Power plants. The design of the body and seat assures non-clogging shutoff on suspended solids. We have a wide variety of seat options/materials to fit your application requirements. The Series 10 Orbinox knife gate also comes with a variety of actuation methods that are easily installed for automation.

### DESIGN FEATURES

1. Easily convert between manual and pneumatic operation without removing the yoke
2. One piece carbon steel epoxy-coated 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. Stem protector standard
6. 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

