

### VALVE DETAILS

- > Bray Series 941 Unidirectional Knife Gate Valve or approved equal.

### BODY

- > Shall be single-piece, fully lugged, MSS SP-81 face-to-face.
- > Standard energized quad seal packing for enhanced gland sealing.
- > Shall include topworks designed for easy, quick conversion between manual and pneumatic actuation.
- > Suitable for all mounting orientations including dead-end service.

### SEAT

- > Integral metal seat or optional resilient, zero-leakage seat.

### GATE

- > Rounded gate edges enable longer packing life and increases valve durability.
- > Gate design ensures consistent alignment throughout the length of the stroke.

### STEM & CLEVIS

- > Clevis design and horizontal bolting stabilizes gate ensuring proper alignment.

### PRESSURE RATINGS

- > Unidirectional
- > 2" – 24" 150 psi

### APPROVALS AND CERTIFICATIONS

- > CRN
- > PED – Category I Module A

### OPERATORS

- > Hand Wheel
- > Bevel Gear
- > Electric
- > Pneumatic
- > Hydraulic

### TESTING

- > Shell and seat test per MSS SP-151.
- > Factory cycle test.
- > Certificate of design conformance is available with every valve.

### OPTIONAL

- > Gate Guards
- > Open/Closed Lockouts
- > Limit Switches
- > Solenoid Valve
- > Fail Safe Systems

