

#### **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



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