SERIES 940 UNIDIRECTIONAL KNIFE GATE VALVE
RECOMMENDED SPECIFICATION SHEET

VALVE DETAILS
▷ Bray Series 940 Unidirectional Knife Gate Valve or approved equal.

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

SEAT
▷ Integral metal seat or optional resilient, zero-leakage seat.

GATE
▷ 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
▷ AWWA C520

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
▷ Deflection Cone
▷ Open/Closed Lockouts
▷ Limit Switches
▷ Solenoid Valve
▷ Fail Safe Systems