SERIES 950 UNIDIRECTIONAL KNIFE GATE VALVE
RECOMMENDED SPECIFICATION SHEET

VALVE DETAILS
➤ Bray Series 950 Unidirectional Knife Gate Valve or approved equal.

BODY
➤ Shall be single-piece, semi-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.
➤ 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
➤ Uni-Directional
➤ 2” – 12” 150 psi (DI body)
➤ 14” – 24” 75 psi (DI body)
➤ 2” – 24” 150 psi (steel body)

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