

VTE® - SERIES 941 UNIDIRECTIONAL KNIFE GATE VALVE RECOMMENDED SPECIFICATION SHEET



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



VAL TECHNOLOGY & ENGINEERING SDN. BHD.

No. 1, Lorong Teras Jaya 3, Taman Perindustrian Teras Jaya,
13400 Butterworth, Penang, Malaysia.

Tel: +604-333 4119 (Hunting) Fax: +604-333 4120
Email: sales@valtech.com.my URL: www.valtech.com.my