

VALVE DETAILS

- > Bray Series 762 Flanged Slurry Valve or approved equal.

BODY

- > Shall be two-piece wide face flanged for ease of field maintenance and repair.
- > Field repair can be accomplished without the use of machine tools.
- > Flange hole drilling per international flange standard as specified.
- > Shall include heavy duty structural steel topworks to support the actuation and include gate lock out capability as standard.
- > Shall be packingless design and include a ribbed elastomer secondary seal to promote gate lubrication.

GATE

- > Shall be designed to withstand 1.1 times the pressure rating of the valve.
- > Higher pressure ratings can be achieved by use of a higher yield gate material such as 2205 or 17-4PH.

STEM AND CLEVIS

- > Shall be provided, as standard, with bellows and upper stem cover to protect against dust and dirt.
- > Adjustable screwed clevis provided for ease of stroke adjustment in actuated valves.

SLEEVES AND RETAINER FLANGES

- > Shall include twin elastomer sleeves with Slurryshield® technology.
- > Shall provide 100% bidirectional positive seal in the open and closed positions.
- > The sleeves will withstand the class rating of the pipeline.
- > Shall include, as standard, elastomer lined retainer flanges for proper loading and compression of elastomer sleeves.
- > Retainer flanges to be slotted to accommodate multiple flange drillings.

OPERATORS

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

OPTIONAL

- > Drain Plate/Pan/Bucket
- > Gate guards
- > Lockout pins
- > Limit switches
- > Solenoid valve
- > Fail Safe systems



APPROVALS AND CERTIFICATIONS

- > CRN
- > PED – Category I Module A

TESTING

- > Factory seat/closure test at 1.1 times the rated pressure (gate fully closed) – zero leakage
- > Factory seat test at 1.1 times the rated pressure (gate fully open) – zero leakage
- > Factory cycle test
- > Certificate of design conformance is available with every valve.

PRESSURE RATINGS:

- > Bi-Directional with 316SS gate
 - 3" – 24" 100 psi
 - 26" – 42" 75 psi
 - 44" – 48" 50 psi