

VALVE DETAILS

- > Bray Series 768 Wafer Slurry Valve or approved equal.

BODY

- > Shall be two-piece wafer 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

- > Shall include twin elastomer sleeves with Slurryshield® technology.
- > Shall provide 100% bi-directional positive seal in the open and closed positions.
- > The sleeves will withstand the class rating of the pipeline.

OPERATORS

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

OPTIONAL:

- > Drain Plate/Pan
- > 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:

- > Bidirectional with 316SS gate
 - 2" – 16" 150 psi
 - 18" – 24" 90 psi