δBray

VALVE DETAILS
> Bray Series 767 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.
> Drain bucket is standard for 740 psi rated valves.

GATE
> Shall be designed to withstand 1.1 times the pressure rating of the valve.

STEM & 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

> Bidirectional with 17-4PH gate
> 3″ – 24″ 740 psi