

## DAB-V™ THE DUAL ACTION VALVE

The Metrol DAB-V is a dual-action ball valve.

### DESCRIPTION

The DAB-V can be run open or closed and is actuated by annulus overpressure on a rupture disc. There is a second rupture disc with a higher pressure rating that, when burst, will return the ball to the initial position.

A latching mechanism is used to prevent the valve from accidental actuation; tubing pressure will also generate an additional positive force holding the valve in the initial position.

### FEATURES & BENEFITS

- > Can be run in hole open or closed
- > Can be run and configured as a Dual Action (DAB-V) or Single Action (SAB-V) ball valve.
- > Valve incorporates non-elastomeric primary sealing

### SPECIFICATIONS

Operational Temperature Range	180°C [356°F]
Max O.D	5.5" [139.7mm]
Max I.D	2.25" [57mm]
Length	6.23ft [1.9m]
Operational Cycles	Dual Shot
Maximum Absolute External Pressure	19,000 psi [131 MPa]
Maximum Absolute Internal Pressure	19,000 psi [131 MPa]
Maximum Differential Pressure	17,500 psi [121 MPa]
Maximum Working External Pressure	17,500 psi [121 MPa]
Maximum Working Internal Pressure	17,500 psi [121 MPa]
Maximum Differential	10,000 psi [121 MPa]
Sleeve Opening Differential	5,000 psi [35MPa]
Min. Hydrostatic Required	1,200 psi [8.3 Mpa]
Tensile Rating	565,000 lbf [2,513 kN]
Compression Rating	565,000 lbf [2,513 kN]
Service NACE MR-0175	H2S, acid
Connection Type	3.5" 15.8# PH6

\*Limited by lowest pressure rating of Metrol rupture disc. Can be lower upon request.

