

Model A-520-C2-MO-SJ-ST

4" Ball Valve

January 29, 2020

(Rev 2)

TECHNICAL SPECIFICATIONS

- Full 4" Dia. port opening
- Flow Coefficient (Cv): 2500 (Est.)
- Max Pressure: 275 PSIG @ 100°F
- Max Temp.: 400°F
- Packing Nut Torque (Item #13): 150 ft-lb
- Cap Socket Head Screw (Item #9) Torque: 130 ft-lb Min; 250 ft-lb Max
- Cap (Item #1)-to-Body (Item #4) gap: 0.002" Ma
- Seat Seal (Item #10) Lubricant: DOW Corning 111
- Mounting Bolt (supplied by installer) Torque: 150~175 ft-lb
- Operating Torque: 70~160 ft-lb
- Handle Rotation: Counterclockwise to CLOSE VALVE. For Clockwise rotation to close, remove Locknut (Item #13), remove and turn over Stop Plate (Item #8), reinstall Locknut and tighten to 150 ft-lb.
- Mounting: Mates to Universal Saddle with 8.485" OD x 7.500" ID x 0.350" High Tongue and (8) $\frac{3}{4}$ -10 UNC tapped holes on a 10.63 BCD
- Recommended Gasket Size:
 - * 8.50" OD x 7.50" ID x 0.12" Thick
- Reference: "Instructions for Series A-520 and A-522 Installation, Operation, Inspection and Maintenance" – Midland doc. No. "INST A520/522"
- AAR Approval No. E122005



