

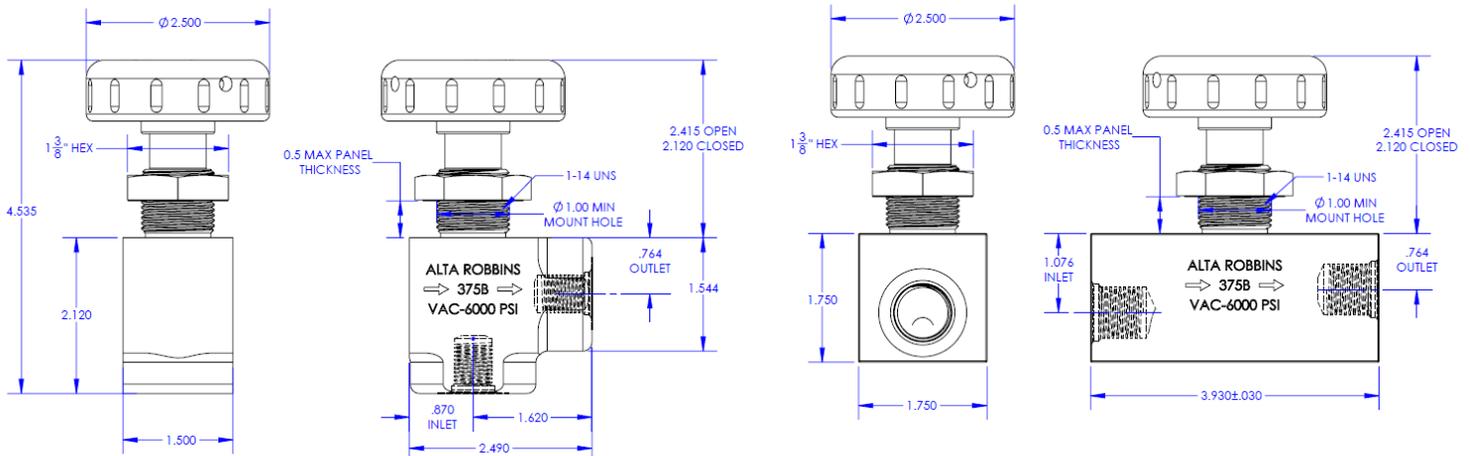
ALTA ROBBINS



- For liquid and gaseous applications requiring leakproof sealing in operation from vacuum to 6000 psi
- For applications that require large CV
- Stem threads sealed out of fluid flow for less wear and longer life
- Low operating and shutoff torque
- Low pressure drop
- 4-to-1 safety factor
- Simple to service - all functional

parts can be removed for cleaning or replacement without disturbing body connections using standard tools

- Unique seat containment Replaceable, large soft seat is fully contained in bonnet which provides fine metering control, zero leakage, and long service life
- Panel mounted in seconds without exposing functional parts



TECHNICAL DATA

MAX OPERATING PRESSURE: 6000 PSI*

VACUUM RATING: 1X10⁻⁵ mm Mercury

SAFETY FACTOR: 4:1

CV: Angle = 1.30; Globe = 1.20

INTERNAL & EXTERNAL LEAKAGE: Zero

ORIFICE DIAMETER: 0.312 Inch

BODY MATERIAL:

303 SS (Passivated)

316 SS (Passivated)

O-RING MATERIAL: Buna-N (Standard)

OPERATING TEMPERATURE:

-40°F to +250°F

MAXIMUM WEIGHT: Angle=2.40 lbs,

Globe=3.75 lbs

HANDLE TURNS TO OPEN: 6 (Approximate)

**Teflon o-rings reduce the max operating pressure to 3000 psi.*

ORDERING INFO

SSKG375B-8T

| | |
|----------------------|---|
| SEAT MATERIAL | |
| KEL-F TEF- | K |
| LON NYLON | T |
| BODY STYLE | N |
| GLOBE | |
| ANGLE PORT | G |
| SIZE 3/8" | A |
| 1/2" PORTS | |
| MC240 NPT | 6 |
| AS5202 | 8 |
| MS33649 | |
| | C |
| | P |
| | S |
| | T |

OPTIONS

ADD THE FOLLOWING DASH CODES TO THE END OF THE PART NUMBER

O-RING MATERIAL

| | |
|--------------------|-----|
| VITON | -12 |
| BUTYL | -91 |
| ETHYLENE-PROPYLENE | -06 |
| *PTFE TEFLON | -11 |
| KALREZ | -08 |
| BUNA-N FOR MTBE | -59 |

MISCELLANEOUS

| | |
|--------|------|
| 316 SS | -768 |
|--------|------|

MAINTENANCE

Valve can be serviced without removal from line using standard tools.

IMPORTANT: Lubricate Stem Threads, Stem Seal, Stem O-Rings and Wiper regularly with Halocarbon 25-5S or equal.

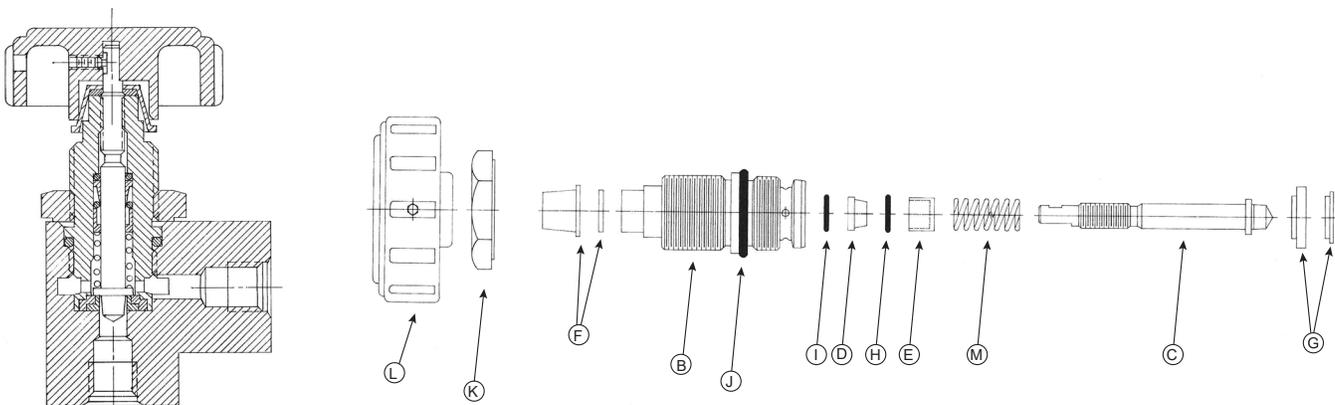
REPLACEMENT OF SEAT AND/OR O-RING SEALS

1. Open valve fully. Loosen Handle Set Screw and remove Handle and Wiper Cap Assembly.
2. Loosen Locknut and unscrew Bonnet.
3. Using Handle as a wrench, screw Stem out of Bonnet clockwise, thereby ejecting Seat and Stem. Remove Spring, Retainer, Stem Seal, and Stem O-rings.
4. Remove Bonnet O-ring
5. Clean all parts well with solvent. Lightly lubricate Stem threads, Stem Seal, Wiper, and O-Rings.
6. Place Stem O-ring (I), then Stem Seal (tapered end last), and Stem O-ring (H) in Bonnet bore.
7. Place Spring on Handle end of Stem, followed by Retainer (with small diameter hole first).
8. Install Bonnet O-ring
9. Screw Stem into Bonnet until engaged with Bonnet threads. Use Handle to retract Stem to full limit.
10. Replace Seat in Bonnet cavity, chamfered end first, making sure it is well seated.
11. Replace Bonnet Assembly in Body, torquing to 500 inch pounds for Kel-F and Nylon Seats, and 350 inch pounds for Teflon Seats.
12. Replace Locknut, torquing to 200 inch pounds.
13. Install Wiper Cap Assembly
14. Replace Handle and tighten Set Screw securely.

REPLACEMENT PARTS

| NAME | PART # |
|---|----------|
| B Bonnet | 76 |
| C Stem | 77 |
| D Stem Seal, Teflon | 78 |
| E Retainer | 79 |
| F Wiper & Cap Assembly | A93 |
| G Seat, Kel-F with Metal Insert | A4CD-41 |
| - Seat, Nylon with Metal Insert | A4CD-21 |
| - Seat, Teflon with Metal Insert | A4CD-11 |
| H O-Ring, Retainer - Buna-N, 70 Dur. | 5011-51 |
| Arp Size -011 | |
| I O-Ring, Stem - Buna-N, 90 Dur. | 5011-56 |
| Arp Size -011 | |
| J O-Ring, Bonnet - Buna-N, 70 Dur. | 5212-51 |
| Arp Size -212 | |
| K Locknut | 6CD |
| L Handle with Set Screw | A28-2 |
| - Set Screw (#10-24 x 3/8" lg Half Dog Pt) | 10386-4 |
| M Spring | 11002 |
| - O-Ring Installation Mandrel | T-221-2 |
| | |
| - Bonnet Assembly (B,C,D,E,F,G,H,I,J,M) | |
| - Kel-F Seat with Metal Insert | KA75 |
| - Nylon Seat with Metal Insert | NA75 |
| - Teflon Seat with Metal Insert | TA75 |
| | |
| Consists of all functional parts, sealed and ready to install in valve body | |
| | |
| - Soft Goods Kit (D,F,G,H,I,J) | |
| - Kel-F Seat with Metal Insert | 4007-4-1 |
| - Nylon Seat with Metal Insert | 4007-2-1 |
| - Teflon Seat with Metal Insert | 4007-1-1 |
| | |
| - <i>See Options section for optional o-ring part numbers.</i> | |
| | |
| - Teflon o-rings reduce the max operating pressure to 3000 psi. | |

Manufactured in accordance with ASME B31.3



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