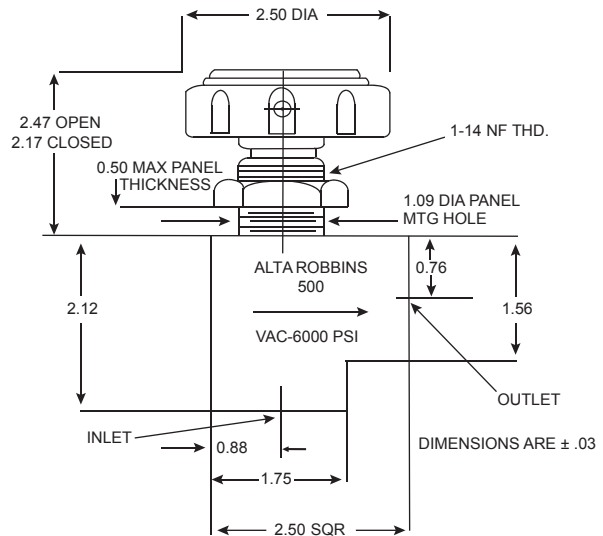
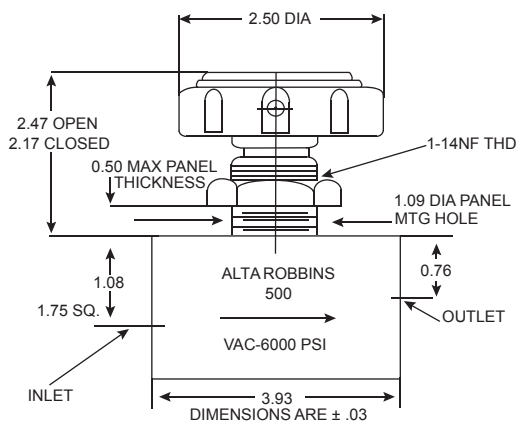


ALTA ROBBINS



- For liquid and gaseous applications requiring leakproof sealing in operation from vacuum to 6000 psi
- Stem threads sealed out of fluid flow for less wear and longer life
- Low operating and shutoff torque
- Fine metering control
- 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 = 1.00; Globe = 0.90

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

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

SSKG500A-8T

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

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

IMPORTANT: Lubricate Stem Threads and Stem O-Rings 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 Locknut.
2. Unscrew Bonnet and remove Bonnet O-ring.
3. Using Handle as a wrench, screw Stem out of Bonnet clockwise, thereby ejecting Seat and Stem. Remove Stem O-rings.
4. Clean all parts well with solvent. Lightly lubricate Stem threads and all O-Rings and Stem area between O-rings. Install Bonnet and Stem O-rings.
5. Screw Stem into Bonnet until engaged with Bonnet threads. Use Handle to retract Stem to full limit.
6. Replace Seat in Bonnet cavity, chamfered end first, making sure it is well seated.
7. Replace Bonnet Assembly in Body, torquing to 375 inch pounds for Teflon Seats, 500 inch pounds for Kel-F & Nylon Seats.
8. Replace Locknut, torquing to 200 inch pounds. Replace Handle and tighten Set Screw securely.

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

REPLACEMENT PARTS

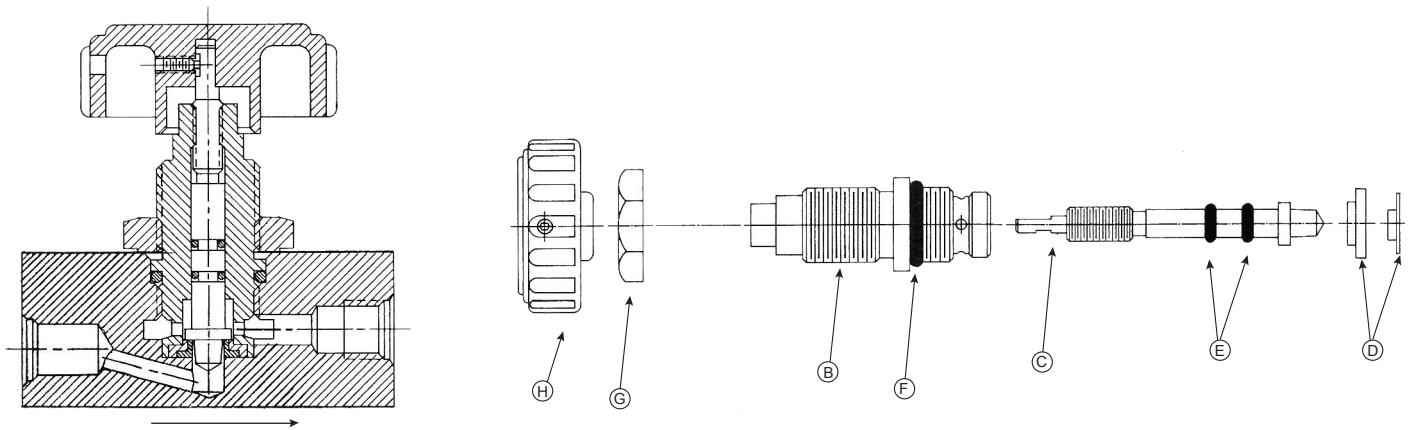
NAME	PART #
B Bonnet	2CD
C Stem	3CD
D Seat, Kel-F with Metal Insert	A4CD-41
- Seat, Nylon with Metal Insert	A4CD-21
- Seat, Teflon with Metal Insert	A4CD-11
E O-Ring, Stem-2 Required	5008-56
F O-Ring, Bonnet	5212-51
G Locknut	6CD
H Handle with Set Screw	A28-2
- Set Screw (#10-24 x 3/8" lg Half Dog Pt)	10386-4
- O-Ring Installation Mandrel	T-221-2

- **Bonnet Assembly (B,C,D, E (2), F)**
- **Kel-F Seat with Metal Insert** KA52
- **Nylon Seat with Metal Insert** NA52
- **Teflon Seat with Metal Insert** TA52

Consists of all functional parts, sealed and ready to install in valve body

- **Soft Goods Kit (D, E (2), F)**
- **Kel-F Seat with Metal Insert** 4008-4-1
- **Nylon Seat with Metal Insert** 4008-2-1
- **Teflon Seat with Metal Insert** 4008-1-1

See *Options* section for optional o-ring part numbers.



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