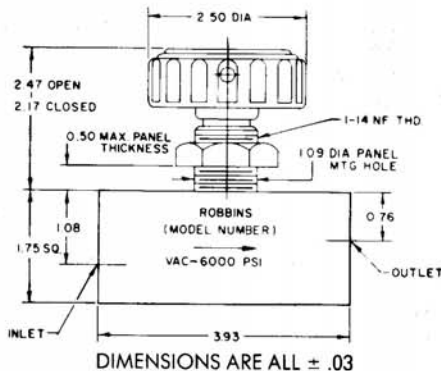


INFORMATION FOR ORDERING, IDENTIFICATION, INSPECTION AND MAINTENANCE

### VERSATILE METERING VALVE

Sturdy all-purpose valve for dependable performance in diversified applications,  
— featuring a double o-ring stem for leakproof operation.



- SAFETY IN OPERATION
- DEPENDABILITY IN PERFORMANCE
- LONGEVITY IN SERVICE
- SIMPLICITY IN MAINTENANCE
- ECONOMY IN PROCUREMENT

### ORDERING INFORMATION

	Model Number	Body Mtl.	Seat Mtl.	Port Connection
GLOBE	SSKG500A-8T	303 SS	Kel-F	MS33649-8
	SSNG500A-8T	303 SS	Nylon	MS33649-8
	SSTG500A-8T	303 SS	Teflon	MS33649-8
	SSKA500A-8C-768	316 SS	Kel-F	MC240-8
	SSNG500A-8C-768	316 SS	Nylon	MC240-8
SSTG500A-8C-768	316 SS	Teflon	MC240-8	
ANGLE	SSKA500A-8T	303 SS	Kel-F	MS33649-8
	SSNA500A-8T	303 SS	Nylon	MS33649-8
	SSTA500A-8T	303 SS	Teflon	MS33649-8
	SSKA500A-8C-768	316 SS	Kel-F	MC240-8
	SSNA500A-8C-768	316 SS	Nylon	MC240-8
SSTA500A-8C-768	316 SS	Teflon	MC240-8	

FOLLOWING SUBSTITUTE O-RINGS  
AND BODY MATERIAL AVAILABLE:

O-RINGS	Add to Model No.
AN6227	-52
Viton	-12
BODY MATERIAL*	
316 SS Body	-768

### TECHNICAL DATA

Max. Operating Pressure: 6000 PSI  
 Vacuum Rating:  $1 \times 10^{-5}$  mm mercury  
 Safety Factor: 4:1 per ASME Code  
 $C_v$ : Angle = 1.00  
 Globe = 0.90  
 Zero  
 External Leakage: Zero  
 Internal Leakage: Zero  
 Orifice Diameter: 0.312 in.  
 Body Material: 303 & 316 Stainless Steel (Passivated)  
 O-Ring Material: Buna-N (Standard)  
 Operating Temperature: -40°F to +250°F  
 Maximum Weight: Angle = 2.40 lbs.  
 Globe = 3.75 lbs.  
 Ports: 1/2" Female Tube  
 Handle Turns to Open: 6 (approx.)

Current Manufacturers' Net Price List Available Upon Request

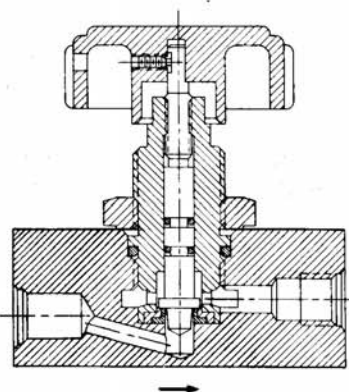
## MAINTENANCE

It is not necessary to remove valve from line to replace seat or O-Ring seals, and special tools are not required. However, all parts must be cleaned so they are free of oil, dirt, and chips prior to lubrication and reassembly.

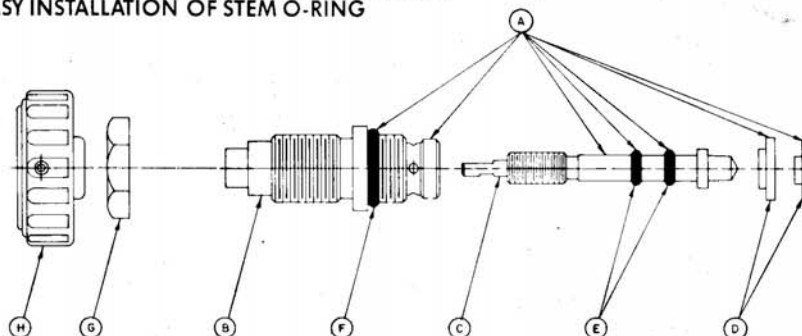
**IMPORTANT:** Lubricate Stem Threads and Stem O-Rings regularly with Halocarbon 25-5S or equal.

### REPLACEMENT OF SEAT AND/OR O-RING SEALS

1. Open Valve fully.
2. Loosen Handle Set Screw and remove Handle and Locknut.
3. Unscrew Bonnet. Replace Bonnet O-Ring.
4. Screw Stem out of Bonnet clockwise thereby ejecting Seat. Replace Stem O-Rings.
5. Screw Stem into Bonnet as far as it will go, first lubricating stem threads, stem O-Rings, and stem area between O-Rings.
6. Insert Seat in Bonnet, chamfered end first, being sure to locate correctly.
7. Replace Bonnet in Body, tightening to 375 inch pounds torque for TEFLON Seats, 500 inch pounds torque for KEL-F & NYLON Seats.
8. Replace Locknut, tightening to 200 inch pounds torque. Replace Handle and tighten Set Screw firmly.



MANDREL No. T-221-2 IS RECOMMENDED FOR EASY INSTALLATION OF STEM O-RING



## REPLACEMENT PARTS

DET	NAME	MODEL NUMBER
*A	Bonnet Assy. w/Kel-F Metal Insert Seat	KA52
	Bonnet Assy. w/Nylon Metal Insert Seat	NA52
	Bonnet Assy. w/Teflon Metal Insert Seat	TA52
	*Consists of all functional parts, sealed and ready to install in Valve Body	
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-Standard — 2 required	5008-56
	O-Ring, Stem-Alternate — 2 required	5008-51
F	O-Ring, Bonnet	5212-51
G	Locknut	6CD
H	Handle with Set Screw	A28-2
	Set Screw (Nylon #M75FS1024-6C)	10007

## ALTA-ROBBINS

110 South 1200 West  
Lindon, Utah 84042  
Phone (801) 785-1114  
Fax (801) 785-4333

**WARRANTY:** Alta-Robbins warrants to the purchaser of its products that any part thereof which proves to be defective in material or workmanship within one year from the date of original purchase for use will be replaced free of charge. This warranty does not apply to damages resulting from accidents, alterations, misuse, or abuse.

**NOTICE:** The designs, data, and/or processes set forth hereon or in connection herewith are directly related to products of Alta-Robbins.