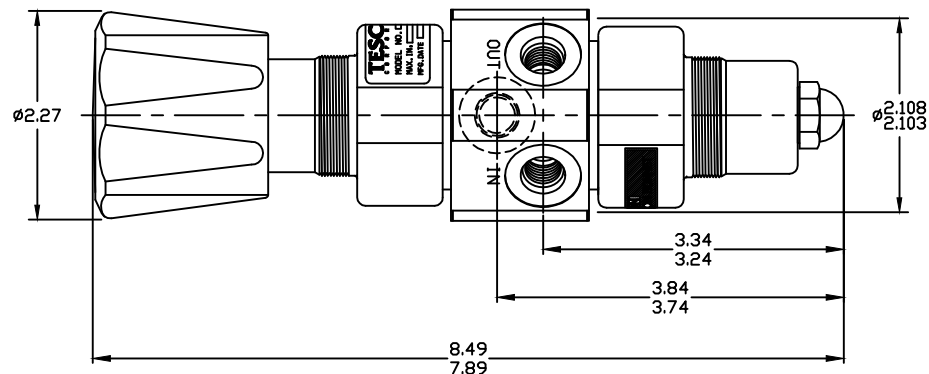
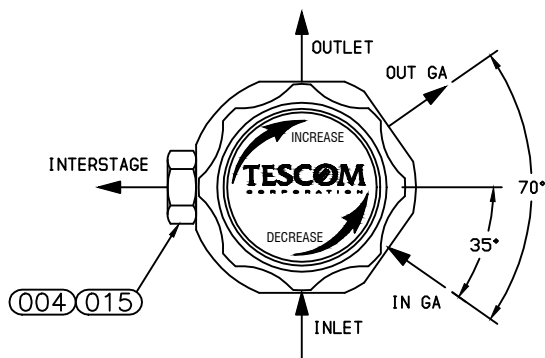


**44-3400 SERIES REGULATOR**

SPRING LOADED, HAND OPERATED, PRESSURE REDUCING, TWO STAGE REGULATOR, WITH METAL TO METAL SEALED DIAPHRAGMS

MODIFICATION FEATURES:

PORTING: 1/4 SAE PORTS
INTERSTAGE PORT PLUGGED WITH
1/4 SAE PLUG WITH VITON O-RING

GENERAL SPECIFICATIONS:

INLET PRESSURE: 3500 PSIG MAX.
OUTLET PRESSURE: SEE TABLE II
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: -40°F TO +165°F
LEAKAGE: INTERNAL, BUBBLE TIGHT
EXTERNAL, $< 2 \times 10^{-8}$ atm cc/sec. He
FLOW CAPACITY (C.v.) ± 0.5
DECAYING INLET: .04 PSI/100 PSI
WEIGHT: APPROXIMATELY 3 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT (1ST STAGE): TEFLON
SEAT (2ND STAGE): TEFLON
FRICTION SLEEVE (INNER): TEFLON
FRICTION SLEEVE (OUTER): SEE TABLE I
BODY: SEE TABLE I
DIAPHRAGMS: SEE TABLE I
FILTER: 316 SST

REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60819-01

DASH NO.	BODY MATERIAL	DIAPHRAGMS	SPRING	FRICTION SLEEVE (OUTER)	REMAINING PARTS
1	BRASS	316 SST	316 SST	316 SST	316/BRASS
6	316 SST	316 SST	316 SST	316 SST	316 SST

DASH NO.	OUTLET PRESSURE	PROOF PRESSURE
0	0-25 PSI	150%
1	0-50 PSI	
2	0-100 PSI	
3	0-150 PSI	
4	0-250 PSI	

SERIES NUMBER
44-3462524-652
MODIFICATION NUMBER

DASH NO./LTR	INLET & OUTLET PORT SIZE
4	1/4

DASH NO.	IN & OUT PORT TYPE
1	SAE

NOTES:

- REGULATOR INCORPORATES AN ADJUSTABLE STOP WHICH ALLOWS THE MAXIMUM OUTLET PRESSURE TO BE LIMITED TO ANY VALUE BETWEEN THE MAXIMUM RATED VALUE AND 50% OF THE MAXIMUM RATED VALUE.

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		FINISH: $\sim$	
AB 6-16-17 50107-17 BGT A 4-17-12 1769-12 MKS REV. DATE ECO NO. BY: APPR REVISIONS REFERENCE DRAWING(S)		DRAWN BY: MKS CHECKED BY: BJT APPROVED BY: BJT NAME: INSTALLATION INFORMATION SCALE: 1:1 SIZE: C NUMBER: 44-34XXX2X-652 CODE NO. 13669 SHT. 1 OF 1	