



44-3400 SERIES REGULATOR

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

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: 2×10^{-8} atm cc/sec. He
 FLOW CAPACITY (C.V.): .05
 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
 44-349X: NONE
 REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60819-01

KITS:

NONMETALLIC:
 STANDARD 389-6563
 MONEL 389-6327

REPAIR:

NPT 389-6565
 MONEL BODIES: 389-6328
 BRASS BODIES: 389-6564

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.

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
9	MONEL	ELGILOY	ELGILOY	TEFLON	MONEL

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

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

DASH NO.	IN & OUT PORT TYPE
2	NPT

<p>INDUSTRIAL CONTROLS DIVISION ELK RIVER, MINN. USA</p>		MATERIAL: X	
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UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADII: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 60301		DRAWN BY: ERW 11-29-95 CHECKED BY: JH 11-29-95 APPROVED BY: JH 11-29-95	
REVISIONS REFERENCE DRAWING(S)		NAME INSTALLATION INFORMATION SCALE: 1:1 SIZE NUMBER: 44-34XXX2X CODE NO. 13669 SHT. 1 OF 1	