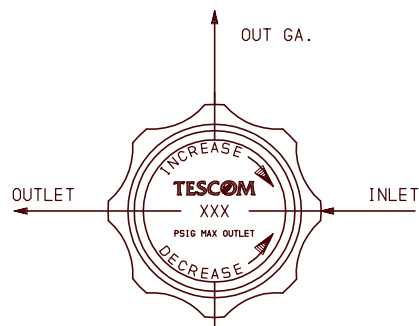


ALL DIMENSIONS REFERENCE

44-32XXX2XX-315



44-3200 SERIES REGULATOR

SPRING LOADED, HAND OPERATED, PRESSURE REDUCING REGULATOR
WITH METAL TO METAL SEALED DIAPHRAGM.

MODIFICATION FEATURES:

R.H. INLET W/ 1/4 NPT OUT GA. AT 90°
LOW DROOP DESIGN
3/8 VALVE PARTS
C.v. = 1.8
OUTLET CROSSHOLE TO BE .405 DIAMETER

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE V
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.): SEE TABLE V
WEIGHT: APPROXIMATELY 3.50 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: (44-32XXHXX2); TEFLON
SEAL: (44-32XXHXX2); SEE TABLE VI
BODY: SEE TABLE I
RETAINER, SEAT: NITRONIC 60
DIAPHRAGM: SEE TABLE I
REMAINING PARTS: SEE TABLE I

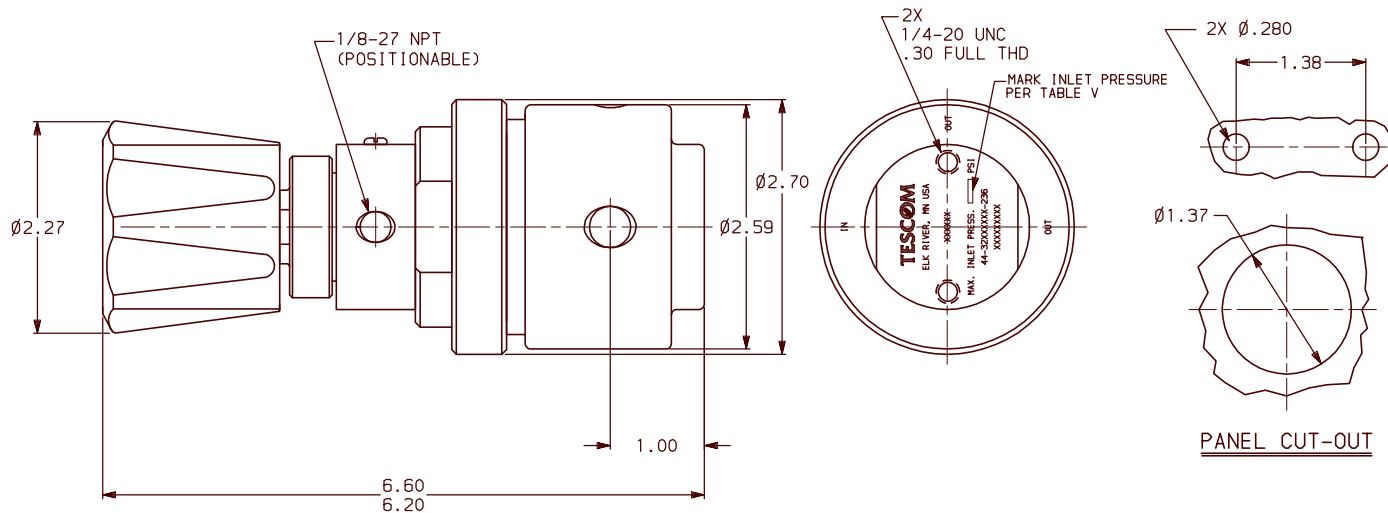
ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60772-16

KITS:

NONMETALLIC: (44-32XXHXX2)
STANDARD NONE AVAILABLE

REPAIR: (44-32XXHXX2)



PANEL CUT-OUT

SERIES NUMBER
MODIFICATION NUMBER
44-3213H282-315

TABLE I	DASH NO.	BODY MATERIAL	DIAPHRAGM	SPRING	REMAINING PARTS
	1	BRASS	316 SST	316 SST	316 SST
	6	316 SST	316 SST	316 SST	316 SST

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

TABLE III	DASH NO.	IN & OUT PORT TYPE
	2	NPT

TABLE V	DASH NO.	MAX. INLET PRESSURE	FLOW CAPACITY
	2	500 PSI	Cv = 1.8

TABLE IV	DASH NO./LTR	INLET & OUTLET PORT SIZE
	8	1/2

TABLE VI	DASH LTR.	SEAT MATERIAL	SEAL MATERIAL
	H	TEFLON	TEFLON; O-RING

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.

REVISIONS			
H	1-2-06	1000-06	DKD JDU
G	5-30-01	908-01	JLS TMB
F	2-28-01	681-01	JLS TMB
E	3-28-00	789-00	EWN TWL
D	3-13-98	604-98	SKO MKS
C	2-20-98	568-98	SKO MKS
B	10-30-97	993-97	JLS MKS
A	1-15-96	16-96	SIW JD
REV.	DATE	ECO NO.	BY: APPR
REFERENCE DRAWING(S)			

TSCOM CORPORATION
INDUSTRIAL CONTROLS DIVISION
ELK RIVER, MN USA

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UNLESS OTHERWISE SPECIFIED:

.0 ± .020 ANGLES: ±1°
.00 ± .010
.000 ± .005

SURFACE ROUGHNESS: 100

CORNER & FILLET RADIUS: .005-.020

THREADS: CLASS 2

REMOVE ALL BURRS

MFG. SPEC. 60301

DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)

MATERIAL:					
X					
FINISH:					
X					
DRAWN BY:		CHECKED BY:		APPROVED BY:	
S/JW 1-15-96		JD 1-19-96		JD 1-19-96	
NAME					
INSTALLATION INFORMATION					
SCALE: 1:1		SIZE: C		NUMBER: 44-32XXX2XX-315	
CODE NO. 13669		SHT. 1		OF 1	