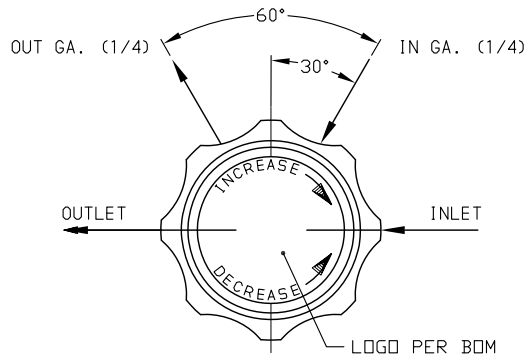


ALL DIMENSIONS REFERENCE

44-32XXX2XX



44-3200 SERIES REGULATOR

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

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 (Cv): SEE TABLE V
WEIGHT: APPROXIMATELY 3.50 LBS.

MATERIALS CONTACTING LINE MEDIA:

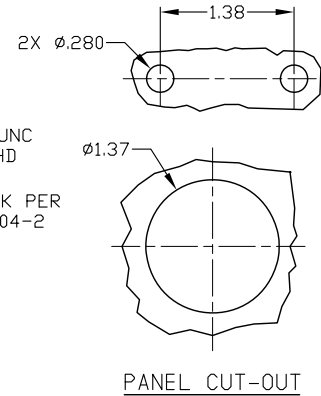
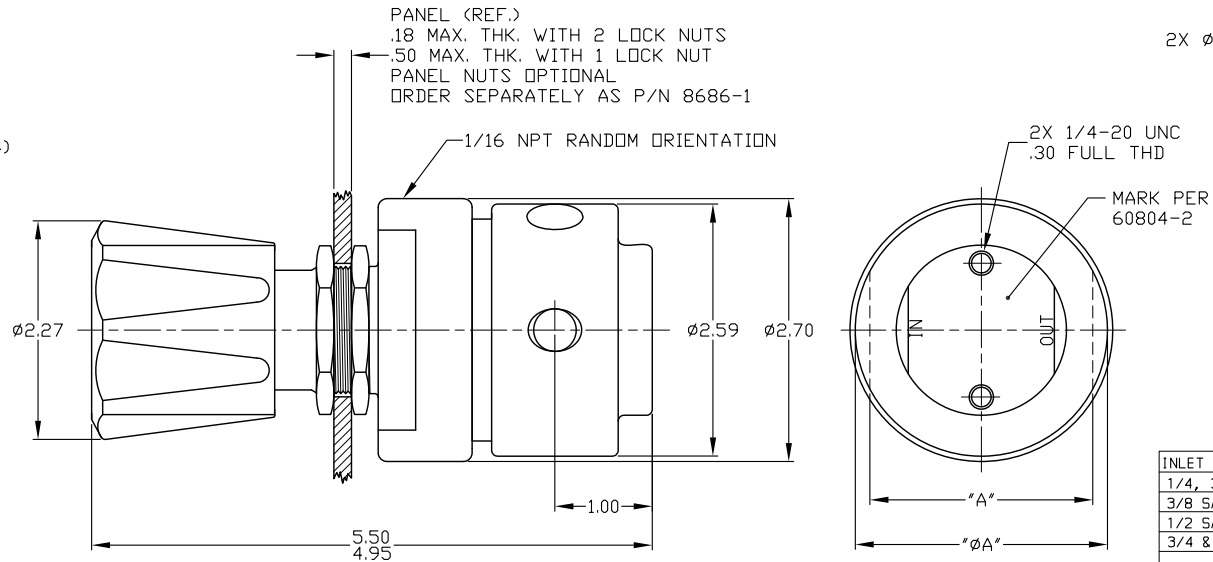
SEAT: (44-32XXJXX1): PCTFE
(44-32XXHXX3): PTFE
SEAL: (44-32XXJXX1): SEE TABLE VI
(44-32XXHXX3): SEE TABLE VI
BODY: SEE TABLE I
RETAINER, SEAT: NITRONIC 60
DIAPHRAGM: SEE TABLE I
REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60772-54

NOTES:

1. 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.



INLET & OUTLET PORT	"A"	"B"
1/4, 3/8 & 1/2 NPT	Ø2.59	1.00
3/8 SAE & MS33644	2.44	1.00
1/2 SAE & MS33644	2.29	1.00
3/4 & 1 NPT	Ø3.23	1.26

SERIES NUMBER

44-3262J261

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
	L	316L SST	316 SST	316 SST	316 SST

TABLE II	DASH NO.	OUTLET PRESSURE	PROOF PRESSURE
	0	0-25 PSI	150%
	1	0-50 PSI	
	2	0-100 PSI	
	3	0-150 PSI	
	4	0-200 PSI	

TABLE III	DASH NO.	INLET & OUTLET PORT TYPE
	1	SAE
	2	NPT
	3	MS33644

TABLE V	DASH NO.	MAX. INLET PRESSURE	FLOW CAPACITY
	1	3000 PSI	Cv = 1.0
	3	500 PSI	Cv = 1.0

TABLE IV	DASH NO./LTR	INLET & OUTLET PORT SIZE
	4	1/4
	6	3/8
	9	1/2
	12	3/4
	16	1

TABLE VI	DASH LTR.	SEAT MATERIAL	SEAL MATERIAL
	H	PTFE	PTFE O-RING
	J	PCTFE	PTFE: SPRING ENERGIZED LIP SEAL

AG 1-22-20	1217-20	DLH	DLP	TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION BLK RIVER, MN USA INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN. 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 DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)
AF 5-30-12	1995-12	DRM	BJT	
AE 8-24-11	2242-11	DRM	BJT	
AD 2-17-11	5101-11	SKO	DP	
AC 12-20-10	3057-10	DRM	BJT	
AB 1-3-10	1158-10	DRM	BJT	
AA 8-6-07	340-07	LMS	JDV	
Y 9-15-06	1558-06	DKD	JDV	
W 8-11-06	1517-06	DKD	JDV	
V 5-16-06	1393-06	SKO	JDV	
REV.	DATE	ECO NO.	BY:	APPR
REVISIONS				
REFERENCE DRAWING(S)				

MATERIAL:			
X			
FINISH:			
X			
DRAWN BY:		CHECKED BY:	
JLS	11-9-95	MKS	11-9-95
APPROVED BY:			
NAME			
INSTALLATION INFORMATION			
SCALE: 1:1	SIZE: C	NUMBER 44-32XXX2XX	
CODE NO. 13669		SHT. 1	OF 1