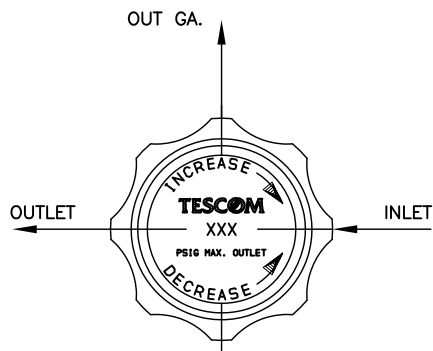


ALL DIMENSIONS REFERENCE



44-3200 SERIES REGULATOR

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

MODIFICATION FEATURES:

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

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 X 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:

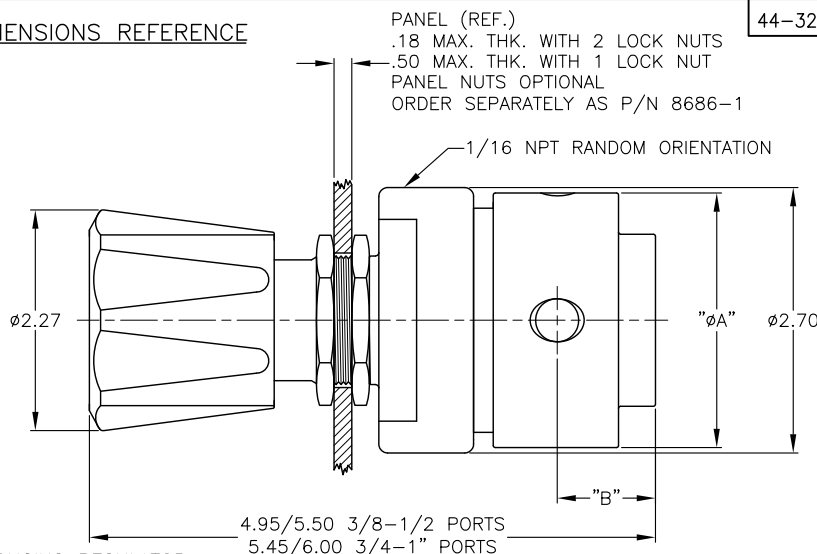
FOR ASSEMBLY OF THIS UNIT USE SPEC: A60772-54

KITS:

NONMETALLIC: (44-32XXHXX2)
STANDARD NONE AVAILABLE

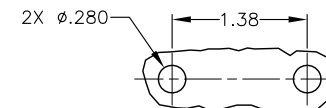
REPAIR: (44-32XXHXX2)

389-6858



44-32XXX2XX-296

2X 1/4-20 UNC
.30 FULL THD



PANEL CUT-OUT

SERIES NUMBER
MODIFICATION NUMBER

44-3213H282-296

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	
	2	0-100 PSI	
	3	0-150 PSI	
	4	0-200 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	"ØA" DIM	"B" DIM
	6	3/8	Ø2.59	1.00
	8	1/2	Ø2.59	1.00
	12	3/4	Ø2.88	1.25
	16	1	Ø3.23	1.25

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.

JA 12-11-15 5977-15 TZ TWL J 1-5-07 5003-07 RAG JDJ H 1-2-06 1000-06 DKD JDJ G 5-30-01 908-01 JLS TMB F 2-28-01 681-01 JLS TMB E 5-1-00 2-00 JLS TWL D 7-29-99 833-99 SKO TWL C 2-23-98 541-98 SKO TMB B 11-8-95 908-95 JLS JD REV. DATE ECO NO. BY: APPR				TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELK 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: .01 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 60301 DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)		MATERIAL: λ FINISH: λ DRAWN BY: JLS 11-13-95 CHECKED BY: JD 11-13-95 APPROVED BY: JD 11-13-95 NAME: INSTALLATION INFORMATION SCALE: 1:1 SIZE: C NUMBER: 44-32XXX2XX-296 SHT. 1 OF 1	
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