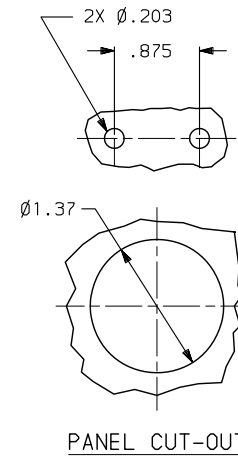
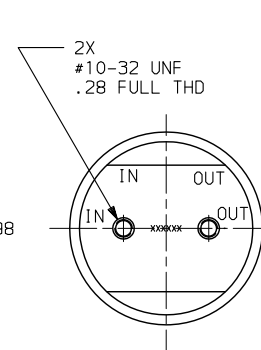
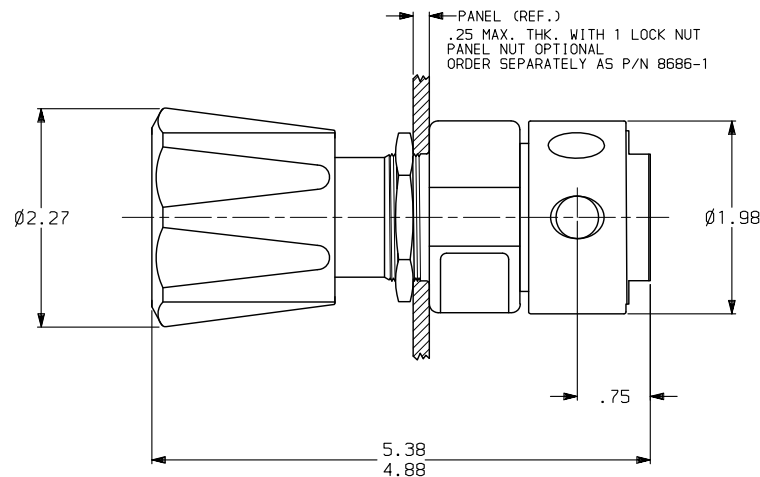
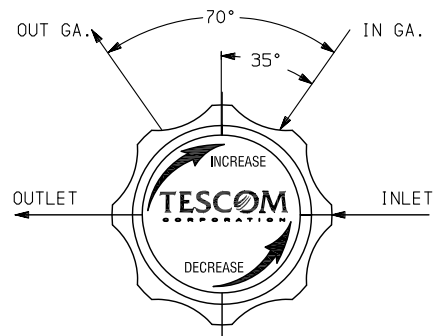


ALL DIMENSIONS REFERENCE

44-22XX-2X1



PANEL CUT-OUT

44-2200 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 (-40°C) TO +140°F (60°C)
LEAKAGE: INTERNAL: BUBBLE TIGHT
EXTERNAL: <2 X 10⁻⁸ atm cc/sec. He
FLOW CAPACITY (Cv.): SEE TABLE V
WEIGHT: APPROXIMATELY 2 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: PTFE
FRICTION SLEEVE (INNER): PTFE
FRICTION SLEEVE (OUTER): SEE TABLE I
BODY: SEE TABLE I
DIAPHRAGM: SEE TABLE I
FILTER: 316SST
44-225X & 44-229X: NONE
REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60840-01

KITS:

NONMETALLIC: (44-22XX-XX1)
STANDARD 389-6341
HASTELLOY & MONEL 389-6343

REPAIR: (44-22XX-XX1)

SST BODIES: 389-6342
BRASS BODIES: 389-6346
HASTELLOY BODIES: 389-6344
MONEL BODIES: 389-6345

TABLE I	DASH NO.	BODY MATERIAL	DIAPHRAGM	SPRING	FRICTION SLEEVE (OUTER)	REMAINING PARTS
	1	BRASS	316 SST	316 SST	316 SST	316/BRASS
	5	HASTELLOY	ELGILOY	ELGILOY	HASTELLOY	HASTELLOY
	6	316	316 SST	316 SST	316 SST	316 SST
	9	MONEL	ELGILOY	ELGILOY	PTFE	MONEL

TABLE II	DASH NO.	OUTLET PRESSURE	PROOF PRESSURE
	0	0-25 PSI	150%
	1	0-50 PSI	
	2	0-100 PSI	
	3	0-250 PSI	
	4	0-500 PSI (44-22XX-XX1 ONLY)	
	6	0-150 PSI	

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

SERIES NUMBER

44-2262-241

TABLE V	DASH NO.	MAX. INLET PRESSURE	FLOW CAPACITY
	1	3500 PSI	Cv = .06

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

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.
- MATERIAL TO BE HASTELLOY OR EQUIVALENT PER ASTM B 574.

				MATERIAL: X			
INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.				FINISH: X			
UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005				DRAWN BY: ERW 12-8-95 CHECKED BY: JH 12-8-95 APPROVED BY: JH 12-8-95			
SURFACE ROUGHNESS: 100/ CORNER & FILLET RADII: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 60301				INSTALLATION INFO SCALE: 1:1 SIZE NUMBER: 44-22XX-2X1 CODE NO. 13669 SHT. 1 OF 1			
REVISIONS REFERENCE DRAWING(S)				DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)			