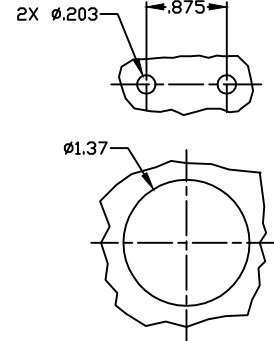
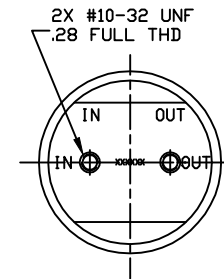
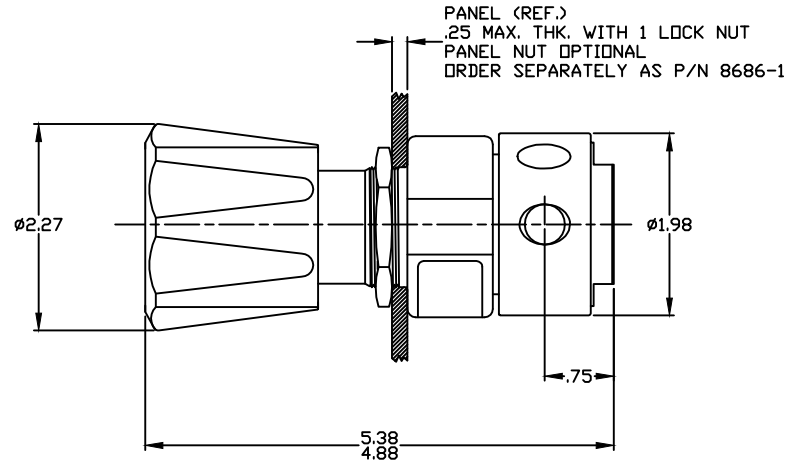
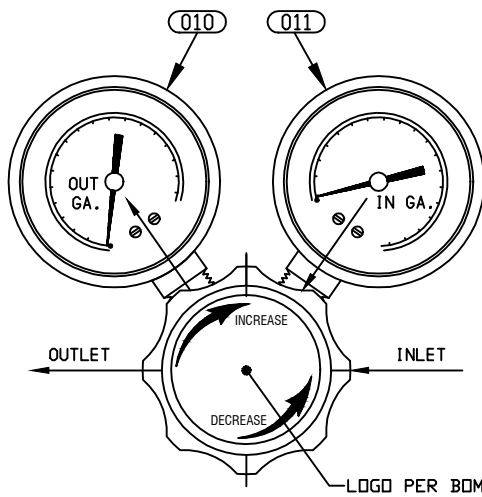


ALL DIMENSIONS REFERENCE

44-22XX-2XX-1364



PANEL CUT-OUT

44-2200 SERIES REGULATOR

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

MODIFICATION FEATURES:

R.H. INLET WITH GAUGE PORTS AT 70°
NICKEL PLATED BRASS BODY OPTION
GAUGES INSTALLED

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 +140°F
LEAKAGE, INTERNAL, BUBBLE TIGHT
EXTERNAL, <2 X 10⁻⁶ atm cc/sec. He
FLOW CAPACITY (C.v.): 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, 316 SST,
44-225X NONE
REMAINING PARTS, SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC, A60840-01

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.

SERIES NUMBER
44-22P1-241-1364
MODIFICATION NUMBER

DASH NO./LTR	BODY MATERIAL	DIAPHRAGM	SPRING	FRICTION SLEEVE (OUTER)	REMAINING PARTS	GAUGE
1	BRASS	316 SST	316 SST	316 SST	316/BRASS	62838
5	HASTELLOY	ELGILOY	ELGILOY	HASTELLOY	HASTELLOY	62837
6	316 SST	316 SST	316 SST	316 SST	316 SST	62837
P	NICKEL PLATED BRASS	316 SST	316 SST	316 SST	316/BRASS	67323

DASH NO.	OUTLET PRESSURE	OUTLET GAUGE RANGE	PROOF PRESSURE
0	0-25 PSI	60 PSI	150%
1	0-50 PSI	60 PSI	
2	0-100 PSI	200 PSI	
3	0-250 PSI	400 PSI	
4	0-500 PSI (44-2200-XX1 ONLY)	600 PSI	

DASH NO.	MAX. INLET PRESSURE	INLET GAUGE RANGE	FLOW CAPACITY
1	3500 PSI	4000 PSI	Cv = .06
2	400 PSI	600 PSI	Cv = .15

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

DASH NO.	INLET & OUTLET PORT TYPE
2	NPT

TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELIZABETH, NEW JERSEY		MATERIAL: 	
INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.		FINISH: 	
UNLESS OTHERWISE SPECIFIED: .010 ± .002 ANGLES: ±1° .005 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100 CORNER & FILLET RADIUS: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 00301		DRAWN BY: DKD CHECKED BY: DP APPROVED BY: DP	
REVISIONS REFERENCE DRAWING(S)		NAME INSTALLATION INFORMATION	
SCALE: 1:1 CODE NO. 13669		SIZE NUMBER 44-22XX-2XX-1364 SHT. 1 OF 1	