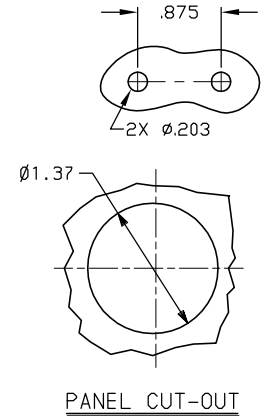
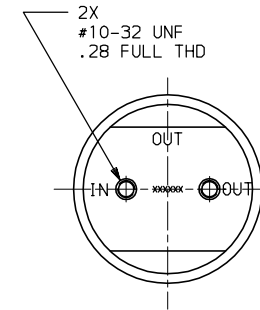
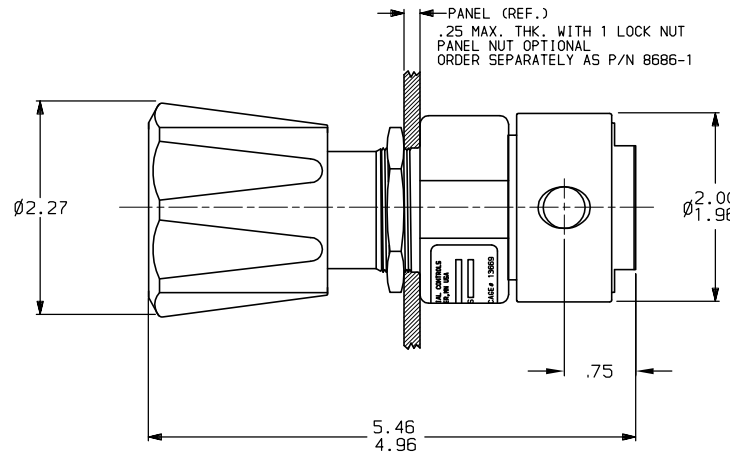
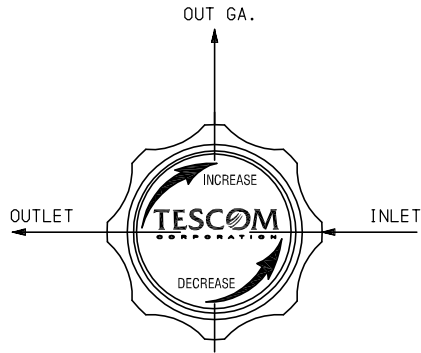


ALL DIMENSIONS REFERENCE

44-52XX-XXXV-002



44-5200 SERIES REGULATOR

SPRING LOADED, HAND OPERATED, PISTON SENSED
SELF VENTING, PRESSURE REDUCING REGULATOR

MODIFICATION FEATURES:

PORTING: OUT GA. PORT AT 90°

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: -15°F TO +200°F
LEAKAGE: BUBBLE TIGHT

FLOW CAPACITY (Cv): SEE TABLE V

WEIGHT: APPROXIMATELY 2 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: VESPEL

SEAT VENT: VESPEL

O-RING: VITON

BODY: SEE TABLE I

REMAINING PARTS: BRASS & 300 SERIES SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A61746-01

KITS:

NONMETALLIC:

REPAIR:

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
SELF VENTING
MODIFICATION NUMBER
44-5215-243V-002

TABLE I	DASH NO.	BODY MATERIAL
	1	BRASS
	6	316 SST

TABLE II	DASH NO.	OUTLET PRESSURE	PROOF PRESSURE
	0	1-25 PSI	150%
	1	1-50 PSI	
	2	2-100 PSI	
	3	2-250 PSI	
	5	5-500 PSI	
	6	5-600 PSI	

TABLE V	DASH NO./LTR	MAX. INLET PRESSURE	FLOW CAPACITY
	1	3500 PSI	Cv. = .06
	2	400 PSI	Cv. = .15
	3	3500 PSI	Cv. = .15

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

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

TESCOM
CORPORATION
INDUSTRIAL CONTROLS DIVISION
ELK RIVER, MN USA

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UNLESS OTHERWISE SPECIFIED:
.01 ± .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)

REV. DATE ECO NO. BY: APPR

REVISIONS

REFERENCE DRAWING(S)

MATERIAL:

FINISH:

DRAWN BY: JLS 9-2-99 CHECKED BY: MKS 9-3-99 APPROVED BY: MKS 9-3-99

NAME:

INSTALLATION INFO

SCALE: 1:1 SIZE: C NUMBER: 44-52XX-XXXV-002

CODE NO. 13669 SHT. 1 OF 1