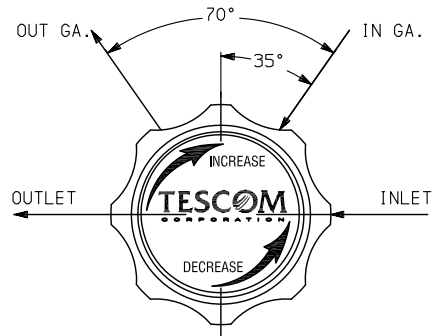


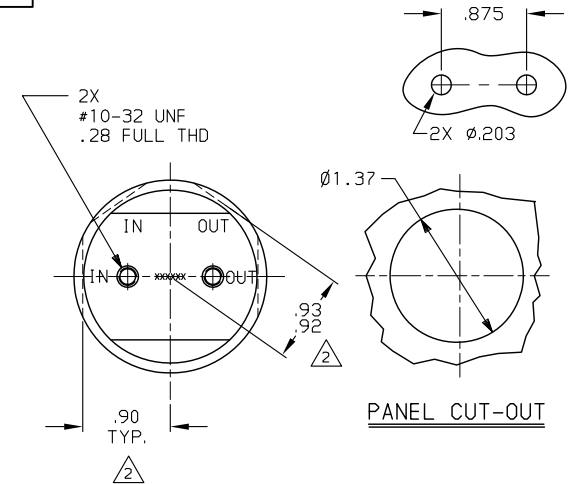
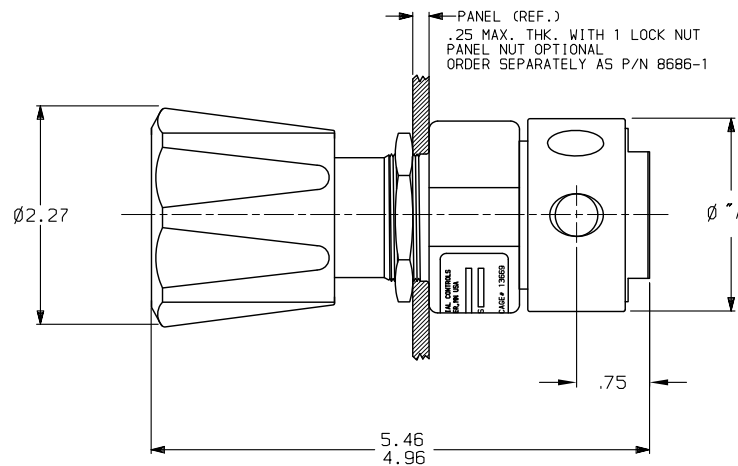
ALL DIMENSIONS REFERENCE

44-52XX-XXXV



44-5200 SERIES REGULATOR

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



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

DASH NO.	BODY MATERIAL
1	BRASS
6	316 SST

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 (5-400 PSI WITH 400 PSI INLET OPTION)	
6	5-600 PSI (ONLY AVAILABLE IN 3500 PSI INLET OPTION)	

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

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

DASH NO.	INLET & OUTLET PORT TYPE	DIM "A"
1	SAE	2.00/1.96
2	NPT	2.00/1.96
3	MS33649	2.03/2.02

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A61746-01

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.
- FLATS TYPICAL WHEN PORT TYPE MS33649 IS SELECTED.
NO FILTER ON THESE PORT TYPES.

KITS:

NONMETALLIC: 389-6985 - - - 44-52XX-XX1V
389-6904 - - - 44-52XX-XX2V & 44-52XX-XX3V

REPAIR:

389-6986 - - - 44-52XX-XX1V
389-6905 - - - 44-52XX-XX2V & 44-52XX-XX3V

AE 4-28-17	50742-16	MGM	WRB	TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELK RIVER, MINN. USA	MATERIAL:	FINISH:
AD 4-25-16	50342-16	BW	WRB		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	
AC 1-15-15	70575-14	CZ	WRB			
AB 1-20-14	70016-14	EWN	BJT			
AA 11-19-07	5674-07	SKO	DP			
Y 3-27-06	1237-06	DKD	DP			
W 7-20-01	1086-01	RAG	MKS			
V 11-3-00	1267-00	MKS	EWN			
U 10-27-00	1-00	SKO	MKS			
T 10-3-00	1187-00	JLS	MKS			
REV.	DATE	ECO NO.	BY:	APPR		
REVISIONS						
REFERENCE DRAWING(S)						

DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)		
DRAWN BY:	CHECKED BY:	APPROVED BY:
EWN 10-30-98	MKS 11-4-98	MKS 11-4-98
NAME		
INSTALLATION INFO		
SCALE: 1:1	SIZE	NUMBER
CODE NO. 13669	C	44-52XX-XXXV
SHT.	1	OF 1