

44-5200 SERIES REGULATOR

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

MODIFICATION FEATURES:

S.C.D.: PEARL HARBOR NAVAL SHIPYARD
PORTING: INLINE 1/4 SAE (MS16142)
1 PANEL NUT INSTALLED
FILTER IN INLET 1/4 SAE PORT

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 SEE: SHEET 2 OF 2

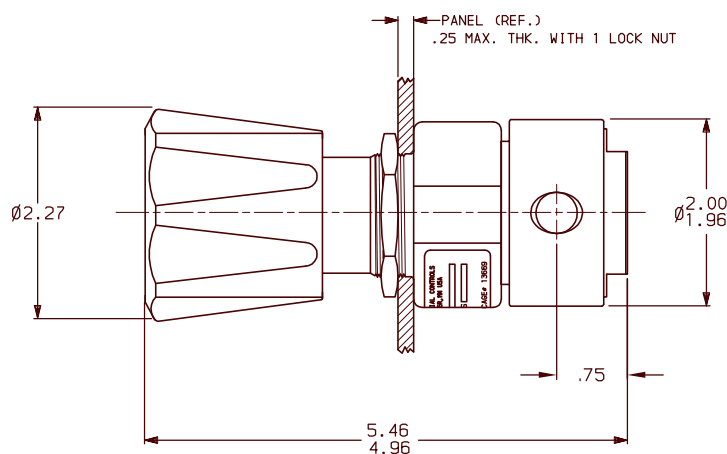
KITS:

NONMETALLIC:

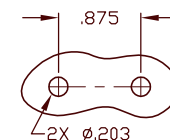
REPAIR:

ALL DIMENSIONS REFERENCE

44-52XX-XXXV-070



2X
#10-32 UNF
.28 FULL THD



PANEL CUT-OUT

SERIES NUMBER

SELF VENTING

MODIFICATION NUMBER

44-5262-141V-070

TABLE I	DASH NO.	BODY MATERIAL
	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

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

TABLE III	DASH NO.	IN & OUT PORT TYPE
	1	SAE

S.C.D.: PEARL HARBOR NAVAL SHIPYARD

TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELIZ RIVER, NH USA				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: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 00301				DRAWN BY: 1-8-03 CHECKED BY: MKS 1-20-03 APPROVED BY: MKS 1-20-03	
REV. DATE ECO NO. BY: APPR				NAME	
REVISIONS				INSTALLATION INFO	
REFERENCE DRAWING(S)				SCALE: 1:1 SIZE: C NUMBER: 44-52XX-XXXV-070 SHT. 1 OF 2	

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.