



PANEL CUT-OUT

44-2200 SERIES REGULATOR

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

MODIFICATION FEATURES:

SPRING BIAS DOME LOAD

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE V  
 OUTLET PRESSURE: 500 PSI MAX.  
 BIAS PRESSURE: SEE TABLE II  
 DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE  
 DOME PRESSURE: 500 PSI MAX.  
 DESIGN BURST PRESSURE: 400% OF RATED PRESSURE  
 OPERATING TEMPERATURE: -40°F TO +165°F  
 LEAKAGE: INTERNAL: BUBBLE TIGHT  
EXTERNAL: <2 X 10<sup>-8</sup> atm cc/sec. He  
 FLOW CAPACITY (Cv.): SEE TABLE V  
 WEIGHT: APPROXIMATELY 2 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: TEFLON  
 FRICTION SLEEVE (INNER): TEFLON  
 FRICTION SLEEVE (OUTER): SEE TABLE I  
 BODY: SEE TABLE I  
 DIAPHRAGM: SEE TABLE I  
 FILTER: 316 SST  
 REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60840-50

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  
 MODIFICATION NUMBER  
 44-2211-241-1084

TABLE I	DASH NO.	BODY MATERIAL	DIAPHRAGM	SPRING	FRICTION SLEEVE (OUTER)	REMAINING PARTS
	1	BRASS	316 SST	316 SST	316 SST	316 SST
	6	316	316 SST	316 SST	316 SST	316 SST

TABLE II	DASH NO.	SPRING BIAS PRESSURE	OUTLET PRESSURE
	0	0-10 PSI	500 PSI MAX
	1	0-50 PSI	500 PSI MAX
	2	0-100 PSI	500 PSI MAX
	3	0-250 PSI	500 PSI MAX

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

TABLE V	DASH NO.	MAX. INLET PRESSURE	FLOW CAPACITY
	1	3500 PSI	Cv = .06
	2	500 PSI	Cv = .12

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

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			FINISH: <u>  X  </u>		
M 5-22-10 5348-10 MKS RJT L 3-12-09 5146-09 CWB TWL REV. DATE ECO NO. BY: APPR			DRAWN BY: EWN 11-24-99 CHECKED BY: MKS 11-24-99 APPROVED BY: MKS 11-24-99 NAME: <b>INSTALLATION INFORMATION</b> SCALE: 1:1 SIZE NUMBER: 44-22XX-2XX-1084 CODE NO. 13669 C SHT. 1 OF 1		
REVISIONS REFERENCE DRAWING(S)			MFG. SPEC. 00301		