



44-3200 SERIES REGULATOR

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

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 +165°F
 LEAKAGE: INTERNAL: BUBBLE TIGHT
 EXTERNAL: 2×10^{-8} atm cc/sec. He
 FLOW CAPACITY (Cv): SEE TABLE V
 WEIGHT: APPROXIMATELY 3.50 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: (44-32XXJXX1): CTFE
 (44-32XXHXX3): TEFLON
 SEAL: (44-32XXJXX1): SEE TABLE VI
 (44-32XXHXX3): SEE TABLE VI
 BODY: SEE TABLE I
 RETAINER, SEAT: NITRONIC 60
 DIAPHRAGM: SEE TABLE I
 REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60772-54

KITS:

NONMETALLIC: (44-32XXJXX1) (44-32XXHXX3)
 STANDARD NONE AVAILABLE NONE AVAILABLE

REPAIR: (44-32XXJXX1) (44-32XXHXX3)

389-6855 389-6856

SERIES NUMBER
 44-3262J261

DASH NO.	BODY MATERIAL	DIAPHRAGM	SPRING	REMAINING PARTS
1	BRASS	316 SST	316 SST	316 SST
6	316 SST	316 SST	316 SST	316 SST

DASH NO.	OUTLET PRESSURE	PROOF PRESSURE
0	0-25 PSI	150%
1	0-50 PSI	
2	0-100 PSI	
3	0-150 PSI	
4	0-200 PSI	

DASH NO.	INLET & OUTLET PORT TYPE
2	NPT

DASH NO.	MAX. INLET PRESSURE	FLOW CAPACITY
1	3000 PSI	Cv = 1.0
3	500 PSI	Cv = 1.0

DASH NO./LTR	INLET & OUTLET PORT SIZE
6	3/8
8	1/2

DASH LTR.	SEAT MATERIAL	SEAL MATERIAL
H	TEFLON	TEFLON; O-RING
J	CTFE	TEFLON; SPRING ENERGIZED LIP SEAL

REV.	DATE	ECO NO.	BY:	APPR
Y	9-15-06	1558-06	DKD	JDJ
W	8-11-06	1517-06	DKD	JDJ
V	5-16-06	1393-06	SKO	JDJ
U	4-10-06	1281-06	SKO	JDJ
T	5-30-01	908-01	JLS	TMB
S	2-28-01	681-01	JLS	TMB
R	7-29-99	833-99	SKO	TWL
P	2-23-98	541-98	SKO	TMB
N	11-8-95	908-95	JLS	MKS

TESCOM CORPORATION
 INDUSTRIAL CONTROLS DIVISION
 ELK RIVER, MN USA

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UNLESS OTHERWISE SPECIFIED:
 .0 ± .020 ANGLE: ±1°
 .00 ± .010
 .000 ± .005
 SURFACE ROUGHNESS: 100/
 CORNER & FILLET RADI: .005-.020
 THREADS: CLASS 2
 REMOVE ALL BURRS
 MFG. SPEC. 80301

DRAWN BY:			CHECKED BY:			APPROVED BY:		
JLS	11-9-95		MKS	11-9-95		MKS	11-9-95	
NAME								
INSTALLATION INFORMATION								
SCALE: 1:1			SIZE			NUMBER		
CODE NO. 13669			C			44-32XXX2XX		
			SHT.			1 OF 1		

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.