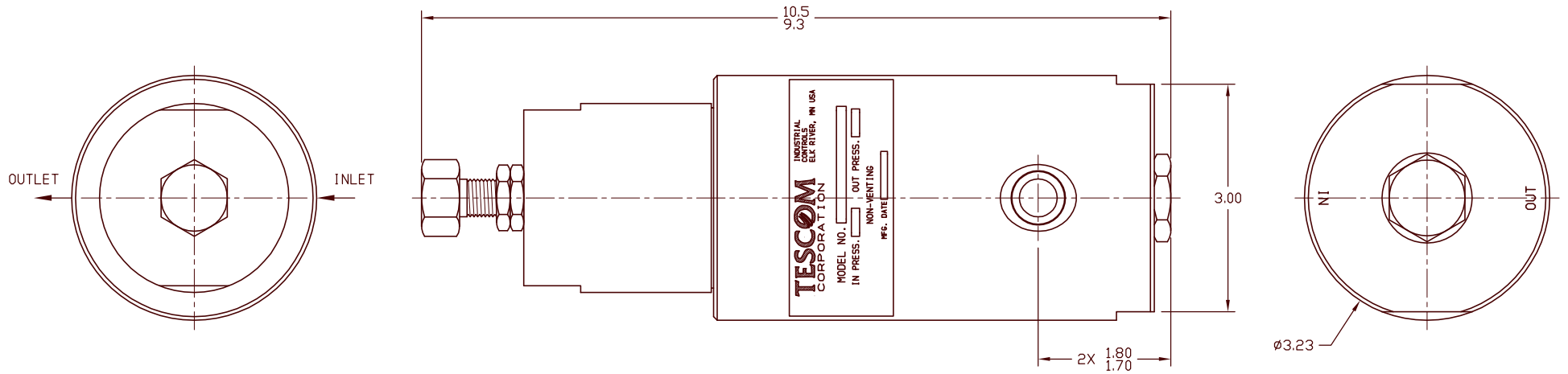


ALL DIMENSIONS REFERENCE

44-74XXXXWXXX



44-7400 SERIES REGULATOR

SPRING LOADED, HAND OPERATED, PRESSURE REDUCING REGULATOR

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE I
 OUTLET PRESSURE: SEE TABLE II
 DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
 PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
 OPERATING TEMPERATURE: 0°F TO +165°F
 LEAKAGE: BUBBLE TIGHT
 FLOW CAPACITY (Cv): SEE TABLE VI
 WEIGHT: APPROXIMATELY 6.25 LBS

MATERIALS CONTACTING LINE MEDIA:

MAIN VALVE SEAT: SEE TABLE VII
 BACK CAP: 300 SERIES SST
 BODY: SEE TABLE I
 O-RINGS: SEE TABLE III
 BACK-UP RINGS: SEE TABLE III
 GASKETS: CTFE
 REMAINING PARTS: TYPE 17-4, 300 SERIES SST
17-7, TEFLON & BRASS

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A67665-01

SERIES NUMBER

WRENCH ADJUST

44-7415T28W230

DASH NO.	BODY MATERIAL	MAX. INLET PRESSURE
1	BRASS	4500 PSI
2	303 SST	6000 PSI

DASH NO.	OUTLET PRESSURE
5	4000 PSI (BRASS BODY ONLY)
6	5000 PSI (SST BODY ONLY)

DASH NO.	SOFT GOODS MATERIAL	
	O-RINGS	BACK-UP RINGS
B	BUNA-N 90	TEFLON
D	BUNA-N	TEFLON
T	VITON	TEFLON
U	URETHANE	TEFLON
V	KALREZ	TEFLON
Z	E.P.	TEFLON

DASH NO.	IN & OUT PORT TYPE
1	SAE
2	NPT
3	MS33649

DASH NO.	MAIN VALVE SEAT
3	CTFE
7	VESPEL

DASH NO.	FLOW CAPACITY
1	.80 Cv
2	2.0 Cv

DASH NO.	INLET & OUTLET PORT SIZE
8	1/2
7	3/4
6	1

GAUGE PORT OPTIONS - 1/4 NPT	
0 - NO GAUGE PORTS	
1 - ONE OUTLET GAUGE AT 90°	
2 - TWO GAUGE PORTS AT 60°	
3 - TWO GAUGE PORTS AT 60° (LEFT HAND INLET)	
4 - TWO GAUGE PORTS AT 90°	
5 - ONE OUTLET GAUGE AT 90° (LEFT HAND INLET)	

NOTES:

1. PRESSURE AT WHICH REGULATOR IS USED MUST BE COMPATIBLE WITH THE PRESSURE RATING OF THE REGULATOR AND PORT SIZE/TYPE PROVIDED.

REV.	DATE	ECO NO.	BY:	APPR
D	10-3-07	5549-07	DLH	TWL
C	7-17-07	1-07	SKO	TWL
B	4-3-07	146-07	DLH	TWL
A	8-18-06	387-06	DLH	TWL

TESCOM CORPORATION
 INDUSTRIAL CONTROLS DIVISION
 ELK RIVER, MN USA

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UNLESS OTHERWISE SPECIFIED:
 .0 ± .020 ANGLES: ±1°
 .00 ± .010
 .000 ± .005
 SURFACE ROUGHNESS: 100/
 CORNER & FILLET RADI: .006-.020
 THREADS: CLASS 2
 REMOVE ALL BURRS
 MFG. SPEC. 60301

MATERIAL:		
X		
FINISH:		
X		
DRAWN BY:	CHECKED BY:	APPROVED BY:
DLH 8-18-06	TWL 9-6-06	TWL 9-6-06
NAME		
INSTALLATION INFO.		
SCALE: 1 : 1	SIZE	NUMBER
CODE NO. 13669	C	44-74XXXXWXXX
	SHT.	1 OF 1