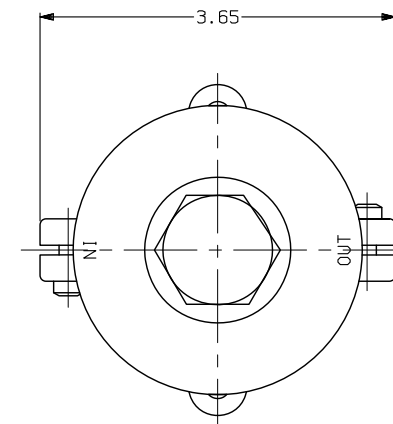
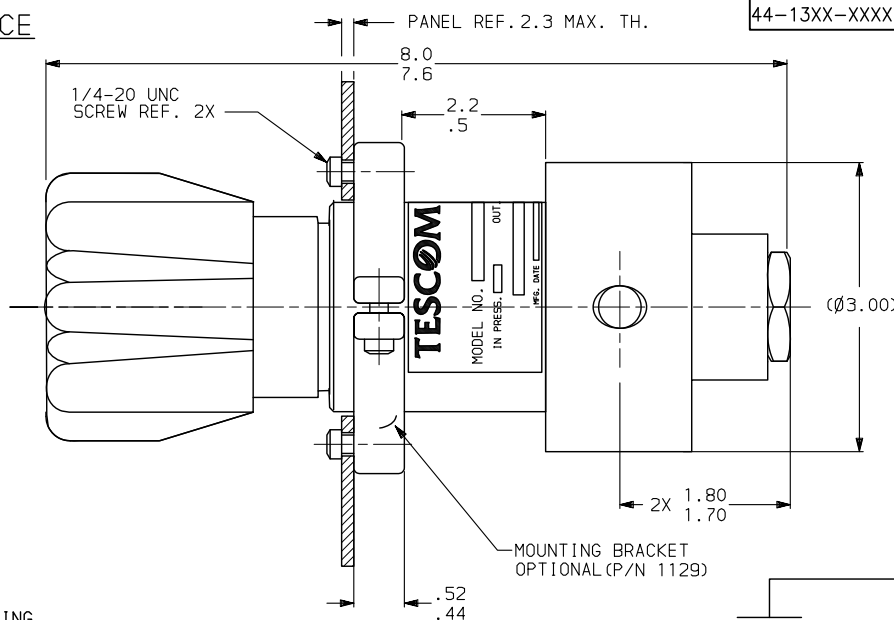
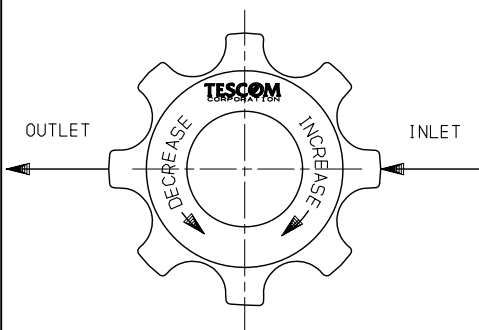


# ALL DIMENSIONS REFERENCE



## 44-1300 SERIES REGULATOR

SPRING, LOADED, HAND OPERATED, PRESSURE REDUCING REGULATOR WITH INTEGRAL SELF RELIEVING VENT VALVE.

### MODIFICATION FEATURES:

NON-VENTING  
WETTED MAT'L: MONEL & BRASS

### GENERAL SPECIFICATIONS:

INLET PRESSURE: 3750 PSI  
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 +220°F  
LEAKAGE: BUBBLE TIGHT  
FLOW CAPACITY (Cv): SEE TABLE V  
WEIGHT: APPROXIMATELY 6.25 LBS.

### MATERIALS CONTACTING LINE MEDIA:

MAIN VALVE SEAT: CTFE  
VENT VALVE SEAT: NONE  
BACK CAP: BRASS 44-131X-XXXX  
BODY: SEE TABLE I  
BACK-UP RINGS: TEFLON  
O-RINGS: VITON  
GASKETS: CTFE  
REMAINING PARTS: MONEL & BRASS

### ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: A60030-31

### KITS:

NONMETALLIC:

REPAIR: 389-6034 - - - 44-13XX-XXX1

| DASH NO. | BODY MATERIAL | INLET PRESSURE |
|----------|---------------|----------------|
| 1        | BRASS         | 3750 PSI       |

| DASH NO. | OUTLET PRESSURE |
|----------|-----------------|
| 2        | 0-300 PSI       |
| 3        | 0-600 PSI       |
| 5        | 0-1,000 PSI     |
| 6        | 0-1,500 PSI     |

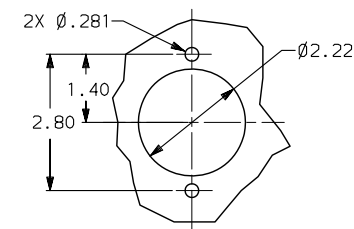
| DASH NO. | PORT TYPE |
|----------|-----------|
| 1        | SAE       |
| 2        | NPT       |
| 3        | MS33649   |

SERIES NUMBER  
MODIFICATION NUMBER

44-1313-3081-042

| DASH NO. | ORIFICE SIZE | FLOW CAPACITY |
|----------|--------------|---------------|
| 1        | Ø .250       | Cv = .80      |
| 2        | Ø .375       | Cv = 2.0      |

| DASH NO./LTR | INLET & OUTLET PORT SIZE |
|--------------|--------------------------|
| 08           | 1/2                      |
| 12           | 3/4 (NPT ONLY)           |



PANEL CUT-OUT

|                      |         |         |     |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
|----------------------|---------|---------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AB 7-6-11            | 5411-11 | CMB     | DP  | <b>TESCOM CORPORATION</b><br>INDUSTRIAL CONTROLS DIVISION<br>ELK RIVER, MINN. USA                                                                                                                                                                                                                                                                                       | MATERIAL:                                                                                                                                                                    |
| AA 3-31-05           | 157-05  | DKD     | TWL |                                                                                                                                                                                                                                                                                                                                                                         | FINISH:                                                                                                                                                                      |
| Y 10-11-04           | 1738-04 | SKO     | TWL |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| W 9-28-01            | 1235-01 | EWN     | TMB |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| V 5-25-01            | 966-01  | RAG     | TMB | INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.<br><br>UNLESS OTHERWISE SPECIFIED:<br>.0 ± .020 ANGLES: ±1°<br>.00 ± .010<br>.000 ± .005<br>SURFACE ROUGHNESS: 100/<br>CORNER & FILLET RADII: .005-.020<br>THREADS: CLASS 2<br>REMOVE ALL BURRS<br>MFG. SPEC. 60301 | DRAWN BY: SJW<br>9-22-97<br>CHECKED BY: JD<br>9-24-97<br>APPROVED BY: JD<br>9-24-97<br>NAME<br>SCALE: 1:1<br>SIZE NUMBER<br>44-13XX-XXXX-042<br>CODE NO. 13669 C SHT. 1 OF 1 |
| U 4-3-01             | 797-01  | RAG     | TMB |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| T 4-9-98             | 648-98  | JLS     | TMB |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| S 2-15-98            | 514-98  | JLS     | TMB |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| R 1-5-98             | 1112-97 | SJW     | TMB | DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                              |
| P 12-22-97           | 1045-97 | JLS     | TMB |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| REV.                 | DATE    | ECO NO. | BY: | APPR                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                              |
| REVISIONS            |         |         |     |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
| REFERENCE DRAWING(S) |         |         |     |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |