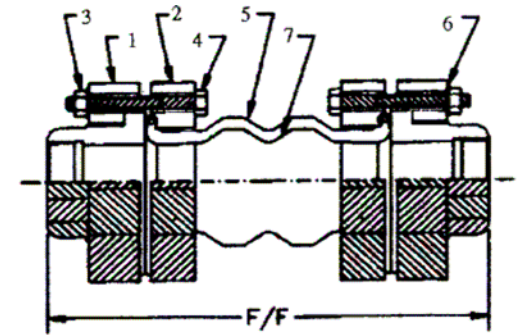


# VIBRATION MANAGEMENT CORPORATION

3532-A EAST TC JESTER , BROOKWOOD BUSINESS PARK , HOUSTON , TEXAS 77018 , U.S.A

INTERNET ADDRESS: [www.vimco.biz](http://www.vimco.biz)

| MODEL     | SIZE<br>(inches) | LENGTH<br>(F/F)<br>(inches) | AXIAL<br>COMPRESSION<br>(inches) | AXIAL<br>ELONGATION<br>(inches) | TRANSVERSE<br>DEFLECTION<br>(inches) | ANGULAR<br>DEFLECTION<br>(deg) | OPERATING<br>PRESSURE<br>(psig) | BURST<br>PRESSURE<br>(psig) | VACCUM<br>RATING<br>(inches Hg) | TEMP.<br>RANGE<br>(°F) |
|-----------|------------------|-----------------------------|----------------------------------|---------------------------------|--------------------------------------|--------------------------------|---------------------------------|-----------------------------|---------------------------------|------------------------|
| FCU-TH-5  | 1/2              | 6.30                        | 3/5                              | 2/5                             | 3/5                                  | 20°                            | 355                             | 1066                        | 26                              | 14 - 158               |
| FCU-TH-7  | 3/4              | 6.30                        | 3/5                              | 2/5                             | 3/5                                  | 20°                            | 355                             | 1066                        | 26                              | 14 - 158               |
| FCU-TH-10 | 1                | 6.30                        | 3/5                              | 2/5                             | 3/5                                  | 20°                            | 355                             | 1066                        | 26                              | 14 - 158               |
| FCU-TH-12 | 1 1/4            | 8.35                        | 3/5                              | 2/5                             | 4/5                                  | 30°                            | 355                             | 1066                        | 26                              | 14 - 158               |
| FCU-TH-15 | 1 1/2            | 8.35                        | 3/5                              | 2/5                             | 4/5                                  | 30°                            | 355                             | 1066                        | 26                              | 14 - 158               |
| FCU-TH-20 | 2                | 8.78                        | 3/5                              | 2/5                             | 4/5                                  | 30°                            | 355                             | 1066                        | 26                              | 14 - 158               |



N.T.S.

### NOTES

1. Applicable fluids for standard construction: water(cold, hot or sea), weak acids, alkalis, compressed air etc.
2. Different elastomers are available for other fluids (e.g. oil). Contact factory for technical assistance.
3. Threading standard as per customer specifications (NPT, BSPT)

### MATERIALS (see figure)

| No. | Part                       | Material                 |
|-----|----------------------------|--------------------------|
| 1,2 | Flanges and Threaded union | Cast SUS 201             |
| 3   | Nuts                       | Zinc plated carbon steel |
| 4   | Nuts                       | Zinc plated carbon steel |
| 5   | Cover                      | Synthetic Rubber         |
| 6   | Bolts                      | Zinc plated carbon steel |
| 7   | Tube                       | Synthetic Fiber          |

### FEATURES

- \* Reduces noise and vibration transmission.
- \* Eliminates stress due to thermal expansion and piping misalignment.
- \* Double bellow design allows for greater axial, transverse, and angular movements.
- \* Precision molded of synthetic rubber.
- \* Synthetic fiber re-inforcement
- \* Corrosion resistant materials
- \* Easy field installation

Notes / Remarks :

Project :  
Client :  
Consultant :  
Representative :

Title :

**FCU-TH**  
**High Pressure**  
**Rubber Expansion Joints**  
Double Bellow, Screwed Connector

Drawing no.  
**S-2500.11**

Rev. 1