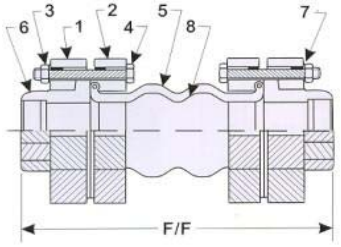
VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD , HOUSTON , TEXAS 77041 , U.S.A
INTERNET ADDRESS: www.vimco.biz

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



N.T.S.

** Ratings indicated above are for constant pressures at 100°F. For pulsating pressures use 1/2 of rating, for surge pressures use 1/6 of rating. For higher temperature applications contact factory.*

NOTES

1. Applicable fluids for standard construction: water(cold, hot or sea), weak acids, alkalies, 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)
4. Expansion joints must be installed per FSA technical handbook guidelines and control units must installed if system pressure (test/surge/operating) exceeds 150psig to prevent voiding warranty.

MATERIALS (see figure)

No.	Part	Material
1,2	Flanges	Cast SUS 201
3,4	Nuts	Zinc plated carbon steel
5	Tube + Cover	EPDM
6	Threaded union	Cast SUS 201
7	Bolts	Zinc plated carbon steel
8	Reinforcing fabric	Polyester

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 :			Title :	Drawing no.
	Project :		**FCU-TH** High Pressure Rubber Expansion Joints	**S-2500.11**
	Client :			
	Consultant :			
	Representative :		Twin Bellow, Screwed Connection	Rev. **2**