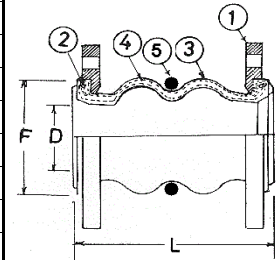


VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD , HOUSTON , TEXAS 77041 , U.S.A

INTERNET ADDRESS: www.vimco.biz

MODEL	SIZE (inches)	LENGTH ** (L) (inches)	(D) (inches)	(F) (inches)	AXIAL COMPRESSION (inches)	AXIAL ELONGATION (inches)	TRANSVERSE DEFLECTION (inches)	ANGULAR DEFLECTION (deg)	OPERATING PRESSURE * (psig)	TEMP. RANGE (°F)	AXIAL STIFFNESS COMPR / ELONG (lb/in)	TRANSVERSE STIFFNESS (lb/in)	ANGULAR STIFFNESS (ft-lbs/deg)
FCT-15	1 1/2	6.97	1.58	2.72	2	3/4	1 3/4	35°	227	14 - 158	99 / 129	147	0.04
FCT-20	2	7.09	2.05	3.39	2	3/4	1 3/4	35°	227	14 - 158	119 / 155	197	0.08
FCT-25	2 1/2	7.01	2.68	4.18	2	3/4	1 3/4	35°	227	14 - 158	149 / 194	214	0.14
FCT-30	3	6.93	3.00	4.57	2	3/4	1 3/4	35°	227	14 - 158	179 / 233	232	0.23
FCT-40	4	8.98	4.06	5.91	2	1	1 1/2	35°	227	14 - 158	239 / 311	268	0.53
FCT-50	5	8.98	5.04	7.09	2	1	1 1/2	35°	227	14 - 158	297 / 387	307	1.13
FCT-60	6	9.02	5.99	8.23	2	1	1 1/2	35°	227	14 - 158	357 / 465	347	1.88
FCT-80	8	12.95	7.64	10.24	2 1/4	1	1 1/4	30°	227	14 - 158	397 / 517	423	3.75
FCT-100	10	13.07	9.85	12.60	2 1/4	1	1 1/4	30°	227	14 - 158	497 / 646	455	6.75
FCT-120	12	13.11	11.82	14.45	2 1/4	1	1 1/4	30°	227	14 - 158	596 / 775	533	12
FCT-140	14	13.70	12.60	16.07	1 1/2	3/4	1 1/4	20°	113	14 - 158	521 / 678	628	5
FCT-160	16	13.82	14.65	18.59	1 1/2	3/4	1 1/4	20°	113	14 - 158	596 / 775	723	21
FCT-180	18	13.82	16.34	20.56	1 1/2	3/4	1 1/4	20°	113	14 - 158	670 / 872	799	30
FCT-200	20	13.98	17.88	22.45	1 1/2	3/4	1 1/4	20°	113	14 - 158	745 / 968	893	43
FCT-240	24	14.21	22.84	27.17	1 1/2	3/4	1 1/4	20°	113	14 - 158	894 / 1161	960	77



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.

** Subject to manufacturing tolerance of ± 3/16"

NOTES

1. Applicable fluids for standard construction: Water (cold/hot/sea), weak acids, alkalies, compressed air etc.
2. Floating flange drilling standard as per customers requirement. (ANSI, BS, DIN, JIS)
3. Expansion joints must be installed per FSA technical handbook guidelines.
4. Control units are always recommended as a safety precaution (even when system is properly anchored and guided) and must be installed to prevent voiding warranty.

FEATURES

- * Reduces noise and vibration transmission.
- * Eliminates stress due to thermal expansion and piping misalignment.
- * Double bellows allow for greater axial, transverse, and angular movements.
- * External reinforcing root rings supplied as standard

MATERIALS (see figure)

No.	Description
1	Flange - galvanised steel (drilling available as per ANSI / BS / DIN / JIS)
2	Reinforcing ring - carbon steel wire strand
3	Tube + Cover - EPDM
4	Reinforcing fabric - polyester
5	Root ring - galvanized steel

- * Precision molded of synthetic rubber.
- * Synthetic fabric re-inforcement
- * Corrosion resistant materials

Notes / Remarks :	Project :	Title : FCT Rubber Expansion Joints Twin Bellow Flange Connection	Drawing no. S-2500.03 Rev. 7
	Client :		
	Consultant :		
	Representative :		