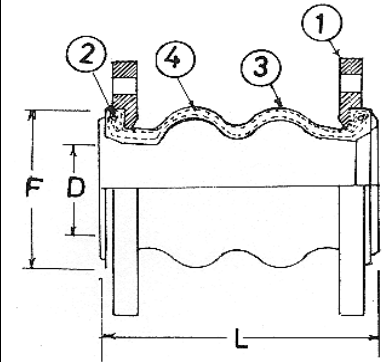


VIBRATION MANAGEMENT CORPORATION

3532-A EAST TC JESTER , BROOKWOOD BUSINESS PARK , HOUSTON , TEXAS 77018 , 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)	BURST PRESSURE (psig)	VACCUM RATING (inches Hg)	TEMP. RANGE (°F)
FCT-15	1 1/2	7	1.58	2.72	2	3/4	1 3/4	35°	227	850	25	-4 to 212
FCT-20	2	7	2.05	3.39	2	3/4	1 3/4	35°	227	850	25	-4 to 212
FCT-25	2 1/2	7	2.68	4.18	2	3/4	1 3/4	35°	227	850	25	-4 to 212
FCT-30	3	7	3.00	4.57	2	3/4	1 3/4	35°	227	850	25	-4 to 212
FCT-40	4	9	4.06	5.91	2	1	1 1/2	35°	227	850	25	-4 to 212
FCT-50	5	9	5.04	7.09	2	1	1 1/2	35°	227	850	25	-4 to 212
FCT-60	6	9	5.99	8.23	2	1	1 1/2	35°	227	850	25	-4 to 212
FCT-80	8	13	7.64	10.24	2 1/4	1	1 1/4	30°	227	850	25	-4 to 212
FCT-100	10	13	9.85	12.60	2 1/4	1	1 1/4	30°	227	850	25	-4 to 212
FCT-120	12	13	11.82	14.45	2 1/4	1	1 1/4	30°	227	850	25	-4 to 212
FCT-140	14	14	12.60	16.07	1 1/2	3/4	1 1/4	20°	113	340	25	-4 to 212
FCT-160	16	14	14.65	18.59	1 1/2	3/4	1 1/4	20°	113	340	25	-4 to 212
FCT-180	18	14	16.34	20.56	1 1/2	3/4	1 1/4	20°	113	340	25	-4 to 212
FCT-200	20	14	17.88	22.45	1 1/2	3/4	1 1/4	20°	113	340	25	-4 to 212
FCT-240	24	14	22.84	27.17	1 1/2	3/4	1 1/4	20°	113	340	25	-4 to 212



N.T.S.

NOTES

- Applicable fluids for standard construction: Water(cold, hot or sea), weak acids, alkalies, compressed air etc.
- Floating flange drilling standard as per customers requirement. (ANSI, BS, DIN, JIS)
- Control units can be furnished as option. (recommended for unanchored systems)
- Pressure ratings are based on 100 °F operating temperature. At higher temperatures the pressure is slightly reduced. Contact factory with application data.
- Root rings must be installed when pressure (test surge, operatin) exceeds the rating below:
 - 5" thru 10" - 135 psig
 - 12" thru 14" - 91 psig
 - 16" thru 24" - 45 psig

MATERIALS (see figure)

No.	Description
1	Flange - galvanised steel (drilling available as per ANSI/BS/DIN/JIS)
2	Wire - carbon steel wire strand
3	Elastomer - synthetic rubber
4	Reinforcing fabric - nylon

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.
- * Nylon fabric re-inforcement
- * Corrosion resistant materials

Notes / Remarks :

Project :
Client :
Consultant :
Representative :

Title :

FCT
Rubber Expansion Joints
Double Bellow
Flange Connection

Drawing no. **S-2500.03**

Rev. 1