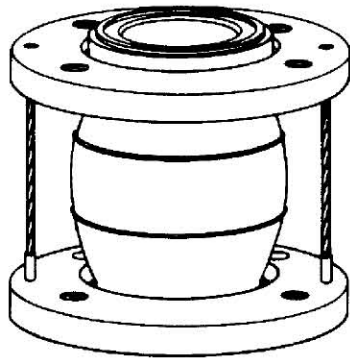


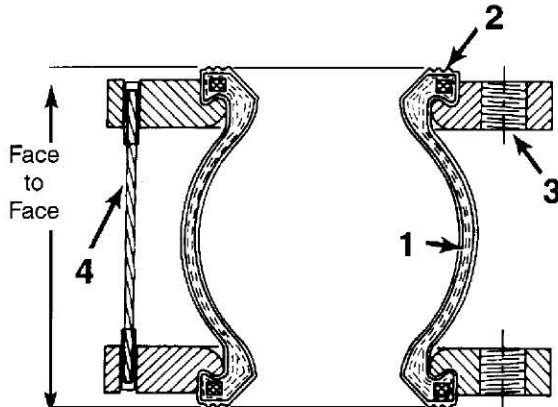
CABLESPHERE® Model MSRC 150# Flanged



This flexible joint should be installed the length shown on this drawing. Not intended for torsion. Cables are designed to allow full extension of the joint. Cables require no adjustment and should not be removed.

ITEM	NAME	MATERIAL
1	BODY	EPDM
2	WIRE	STEEL
3	FLANGE	PLATE STEEL
4	CABLE	GALVANIZED STEEL AIRCRAFT CABLE

MAXIMUM WORKING TEMPERATURE: 230° F



OPTIONAL MATERIALS AVAILABLE
Go to www.metroflex.com/

*Maximum Operating Conditions

Temperature (°F)	Maximum Pressure PSI
	12" & Smaller
170°	225
180°	200
190°	175
200°	150
210°	125
220°	100
230°	75

*EPDM is the standard elastomer for the interior and exterior covering. Contact factory for other elastomers. **Not for steam applications.**

MOVEMENT CAPABILITY AND FORCES

Qty	Size I.D. (in.)	Face To Face (in.)	Pressure* P.S.I.G	Vacuum (in.H.g.)	Compression (in.)	Approx Force (Lbs.)	Elongation (in.)	Approx Force (Lbs.)	Lateral (in.)	Approx Force (Lbs.)	Angular (Degrees)	Weight (Lbs)	No. Cables	No. Bolt Holes	Thread Size
	2	6	225	16	1/2	55	1/8	73	1/2	55	15	8	2	4	5/8-11NC
	2-1/2	6	225	16	1/2	102	1/8	68	1/2	97	15	13	2	4	5/8-11NC
	3	6	225	16	1/2	136	1/8	115	1/2	108	15	14	2	4	5/8-11NC
	4	6	225	16	5/8	145	1/8	242	1/2	275	15	18	2	8	5/8-11NC
	5	6	225	16	5/8	172	1/8	296	1/2	308	15	23	2	8	3/4-10NC
	6	6	225	16	5/8	293	1/8	563	1/2	484	15	28	2	8	3/4-10NC
	8	6	225	16	5/8	372	1/8	587	1/2	688	15	40	4	8	3/4-10NC
	10	8	225	16	3/4	398	1/4	455	3/4	781	15	68	4	12	7/8-9NC
	12	8	225	16	3/4	390	1/4	356	3/4	842	15	96	4	12	7/8-9NC

CUSTOMER _____

PROJECT _____

ENGINEER _____

ARCHITECT _____

PRO. OR P.O. NO. _____

Metroflex.
for pipes in motion

DESCRIPTION:

CABLESPHERE®

DRAWING BY:
JRR

DATE:
9/4/08

DRAWING NO.
MSRC-REV 2