



**OPTIONAL MATERIALS AVAILABLE**  
Go to [www.metroflex.com/](http://www.metroflex.com/)

**TO BE FINISHED WITH CONTROL ROD ASSEMBLY**

YES       NO

**\*Maximum Operating Conditions**

Temperature (°F)	Maximum Pressure PSI	
	12" & Smaller	14" to 20"
170°	225	125
180°	200	115
190°	175	105
200°	150	95
210°	125	40
220°	100	35
230°	75	25

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

This flexible connector should be installed the length shown on this drawing.  
Piping and equipment connected by this flexible connector must be anchored and guided.  
If not, control units must be used to prevent movement past design limits. Not intended for torsion.

QTY	PIPE SIZE		L FACE-TO-FACE	ALLOWABLE MOVEMENTS				NOTES
	INCH	MM		COMPRESSION	ELONGATION	LATERAL	ANGULAR	
	2"	50	7"	2"	1-1/8"	1-3/4"	40°	
	2-1/2"	65	7"	2"	1-1/8"	1-3/4"	40°	
	3"	80	7"	2"	1-3/8"	1-3/4"	40°	
	4"	100	9"	2"	1-3/8"	1-1/2"	35°	
	5"	125	9"	2"	1-3/8"	1-1/2"	30°	
	6"	150	9"	2"	1-3/8"	1-1/2"	30°	
	8"	200	13"	2-3/8"	1-3/8"	1-3/8"	30°	
	10"	250	13"	2-3/8"	1-3/8"	1-3/8"	30°	
	12"	300	13"	2-3/8"	1-3/8"	1-3/8"	20°	
	14"	350	13-3/4"	1-1/2"	1-1/8"	1-1/8"	20°	
	16"	400	13-3/4"	1-1/2"	1-1/8"	1-1/8"	20°	
	18"	450	13-3/4"	1-1/2"	1-1/8"	1-1/8"	20°	
	20"	500	13-3/4"	1-1/2"	1-1/8"	1-1/8"	20°	

CUSTOMER \_\_\_\_\_

PROJECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

ARCHITECT \_\_\_\_\_

PRO. OR P.O. NO. \_\_\_\_\_



DESCRIPTION:

**DOUBLE SPHERE**

DRAWING BY:  
JRR

DATE:  
9/16/09

DRAWING NO.  
DS-2 Rev3