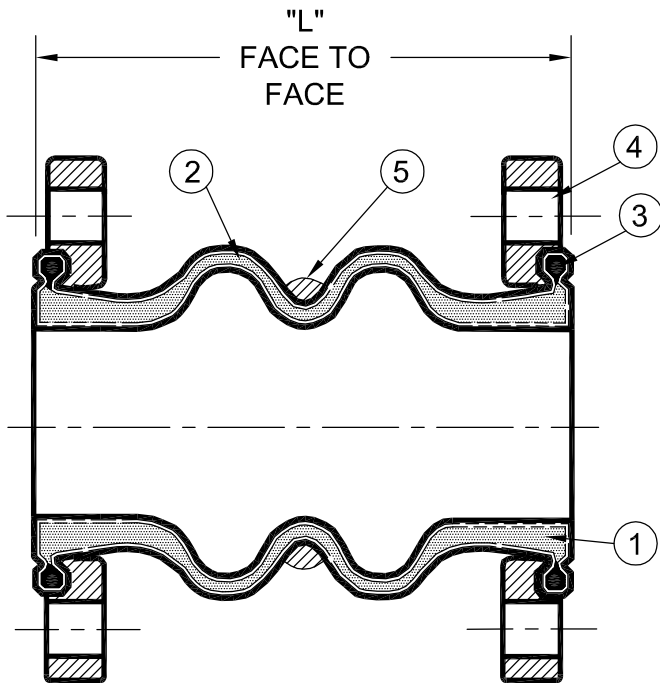


# MIGHTY DOUBLESPIHERE™ WITH 150# FLANGES

QTY.	PIPE SIZES		"L" FACE-TO-FACE	ALLOWABLE MOVEMENTS				NOTES
	PIPE SIZE I.D. (IN)	PIPE SIZE I.D. (MM)		Compression (IN)	Elongation (IN)	Lateral (IN)	Angular (Degrees)	
	2"	50	7"	2"	9/16"	3/4"	34°	
	2-1/2"	65	7"	2"	9/16"	3/4"	32°	
	3"	80	7"	2"	9/16"	3/4"	30°	
	4"	100	9"	2"	9/16"	11/16"	28°	
	5"	125	9"	2"	9/16"	11/16"	24°	
	6"	150	9"	2"	9/16"	11/16"	22°	
	8"	200	13"	2-3/8"	9/16"	11/16"	20°	
	10"	250	13"	2-3/8"	9/16"	11/16"	18°	
	12"	300	13"	2-3/8"	9/16"	11/16"	16°	

THE 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.**



**TO BE FURNISHED WITH  
CONTROL ROD ASSEMBLY**

YES

NO

### LIST OF MATERIALS

ITEM	PART NAME	MATERIAL
1	BODY	PEROXIDE CURED EPDM**
2	REINFORCEMENT	KEVLAR®
3	ANCHOR WIRE	STEEL
4	DRILLED FLANGE	PLATE STEEL
5	ROOT RING	STEEL

### \* MAXIMUM OPERATING CONDITIONS

TEMP °F	MAXIMUM PRESSURE PSI
	12" & SMALLER
170	250
190	245
210	235
230	225
250	215

\*\*EPDM IS THE STANDARD ELASTOMER FOR THE INTERIOR AND EXTERIOR COVERING. CONTACT FACTORY ([www.metraflex.com](http://www.metraflex.com)) FOR OTHER ELASTOMERS.  
**NOT FOR STEAM APPLICATIONS.**

CUSTOMER \_\_\_\_\_

PROJECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

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

**Metraflex**  
for pipes in motion

2323 W. HUBBARD ST.  
CHICAGO, IL 60612  
TEL:312-738-3800  
FAX:312-738-0415  
WWW.METRAFLEX.COM

DESCRIPTION:

**MIGHTY DOUBLESPIHERE™**

DRAWN BY: **MIR**

DATE: 5/30/2014

APPROVED BY: **MIR**

DATE: 5/30/2014

SCALE:  
NONE

DRAWING NUMBER:

**DSK**

REV.  
1