

# MR-FLEX

FLEXIBLE METAL AND RUBBER COMPENSATORS

## Style 150 Stainless Steel Expansion Joints

### Structure

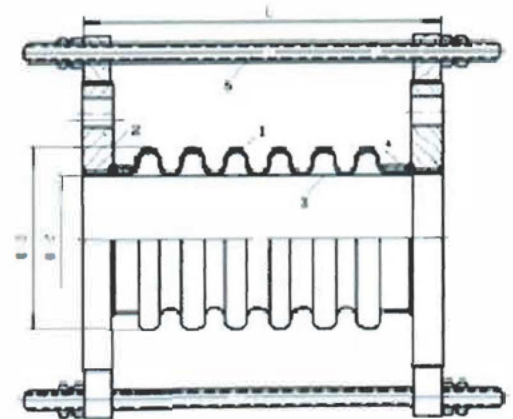
Item No	Parts	Material	Remark
1	Bellow	SUS 304	
2	Flange	Carbon Steel	
3	Inner Sleeve	SUS 304	
4	Tube End	Carbon Steel	
5	Tie Rods	Carbon Steel	



Temperature Range: -90 °C to + 450°C

### Features

- Absorb the axial, lateral and angular which happen from the movement in various of direction.
- Bellow with Inner Sleeve make the contacting surface smoothly and prevent the pressure loss when fluid through the bellows. Tie Rods serves as a guide to make it in the axial movement and prevent the joint from being demanged if any trouble occure to the anchor of the pipe.
- Steel fixed flange to the bellow by welding, are avaiable drilling DIN, ANSI, BS, JIS, etc.



### Specification

Nominal Dimeter		Total Length	Bellows ( mm )			Force to Compress	Effective Area	Axial Movement		Working Pressure
Inch	mm		O.D.	Corr's No	Ply			Extended	Com-pressed	
1-1/2"	40	300	63	20	1	150	19.2	+ 5	-30	10
2"	50	300	73	18	1	180	32	+ 5	-30	10
2-1/2"	65	300	95	15	1	280	47.8	+ 5	-35	10
3"	80	300	110	15	1	260	66.2	+ 5	-35	10
4"	100	300	142	15	1	280	105.7	+ 5	-40	10
5"	125	300	163	15	1	400	161.5	+ 5	-40	10
6"	150	300	194	15	1	600	221.8	+ 5	-40	10
8"	200	300	235	12	1	650	382.7	+ 5	-40	10
10"	250	350	291	12	1	750	576.8	+ 5	-45	10
12"	300	350	354	12	1	850	806.2	+ 5	-45	10