

## Single Sphere Expansion Joints

Floating flange expansion joints are installed between the anchor points of piping systems or next to mechanical equipment such as pumps, heating, air conditioning, chillers, compressors, absorption machines etc.

Materials Available are:

Steel and Stainless Steel flanges

Neoprene, EPDM, Butyl, Nitrile, Hypalon and Teflon.

Also available in double and multiple sphere configurations.



## Joint d'expansion muni d'une sphere

Des joints d'expansion sont installés entre les points d'attache des systèmes sifflants ou à côté du matériel mécanique tel que des pompes, le chauffage, climatisation, réfrigérateurs, absorption de compressors usine etc.

Les matériaux disponibles sont :

Brides d'acier inoxydable en acier

Néoprène, EPDM, butyle, nitriles, Hypalon et Teflon.

Aussi disponible en multi-sphère.



Size Inch	Length Inch	Connection	Allowable Movement (in.)				Pressure		Part Number
			Axial Compression	Axial Extension	Lateral Deflection	Angular Deflection	Positive PSIG @ 176°F	Negative Vacuum In/Hg	
1-1/4"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	1-1/4" R-1*
1-1/2"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	1-1/2" R-1*
2"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	2" R-1
2-1/2"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	2-1/2" R-1*
3"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	3" R-1
4"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	4" R-1
6"	6	150lb Flange	0.75	0.50	0.55	15°	225	26	6" R-1
8"	6	150lb Flange	1.00	0.50	0.88	15°	225	26	8" R-1*
10"	8	150lb Flange	1.00	0.63	0.88	15°	225	26	10" R-1*
12"	8	150lb Flange	1.00	0.63	0.88	15°	225	26	12" R-1*
14"	8	150lb Flange	1.00	0.63	0.88	15°	150	26	14" R-1*
16"	8	150lb Flange	1.00	0.63	0.88	15°	150	26	16" R-1*
18"	8	150lb Flange	1.00	0.63	0.88	15°	150	26	18" R-1*
20"	8	150lb Flange	1.00	0.63	0.88	15°	150	26	20" R-1*



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\* May not be stock item / May require special order