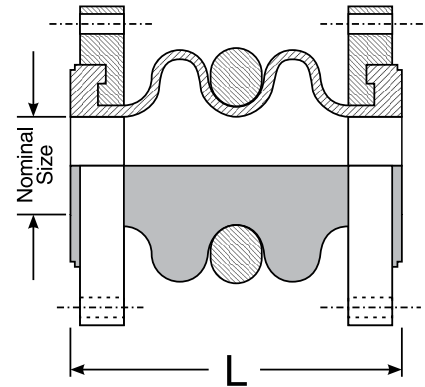


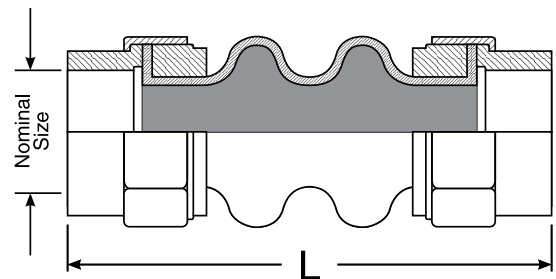


## Double Sphere and Threaded Union Rubber Expansion Joints



**Double Sphere Flanged Rubber Expansion Joint**

Part Number	Size (in.)	Length (L - in.)	Allowable Movement				Operating Conditions			
			Axial Compression (in.)	Axial Elongation (in.)	Transverse Deflection (in.)	Angular Deflection (Degrees)	Maximum Pressure (PSI)	Maximum Temperature (°F)	Vacuum (HG)	Weight Each (lbs.)
HTDRF12x7	1 1/4	7	2	1 1/4	1 1/2	40	150	220	16	5.30
HTDRF15x7	1 1/2	7	2	1 1/4	1 1/2	40	150	220	16	6.80
HTDRF20x7	2	7	2	1 1/4	1 1/2	40	150	220	16	9.00
HTDRF25x7	2 1/2	7	2	1 1/4	1 1/2	40	150	220	16	13.30
HTDRF30x7	3	7	2	1 1/4	1 1/2	40	150	220	16	14.30
HTDRF40x9	4	9	2 1/4	1 1/2	1 3/4	35	150	220	16	20.30
HTDRF50x9	5	9	2 1/4	1 1/2	1 3/4	35	150	220	16	24.50
HTDRF60x9	6	9	2 1/4	1 1/2	1 3/4	35	150	220	16	29.50
HTDRF80x13	8	13	2 1/2	1 1/2	1 3/4	30	150	220	16	43.80
HTDRF100x13	10	13	2 1/2	1 1/2	1 3/4	30	150	220	16	64.10
HTDRF120x13	12	13	2 1/2	1 1/2	1 3/4	30	150	220	16	95.00



**Threaded Union Rubber Expansion Joint**

Part Number	Size (in.)	Length (L - in.)	Allowable Movement				Operating Conditions			
			Axial Compression (in.)	Axial Elongation (in.)	Transverse Deflection (in.)	Angular Deflection (Degrees)	Maximum Pressure (PSI)	Maximum Temperature (°F)	Vacuum (HG)	Weight Each (lbs.)
HTDRU0075	3/4	8	7/8	1/4	7/8	45	150	240	16	1.80
HTDRU0100	1	8	7/8	1/4	7/8	45	150	240	16	2.80
HTDRU0125	1 1/4	8	7/8	1/4	7/8	45	150	240	16	3.50
HTDRU0150	1 1/2	8	7/8	1/4	7/8	45	150	240	16	4.00
HTDRU0200	2	8	7/8	1/4	7/8	45	150	240	16	5.00

See applications and specifications on page 64.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.