

Expansion Joints

HTDRF Series

Double Sphere Rubber Expansion Joints

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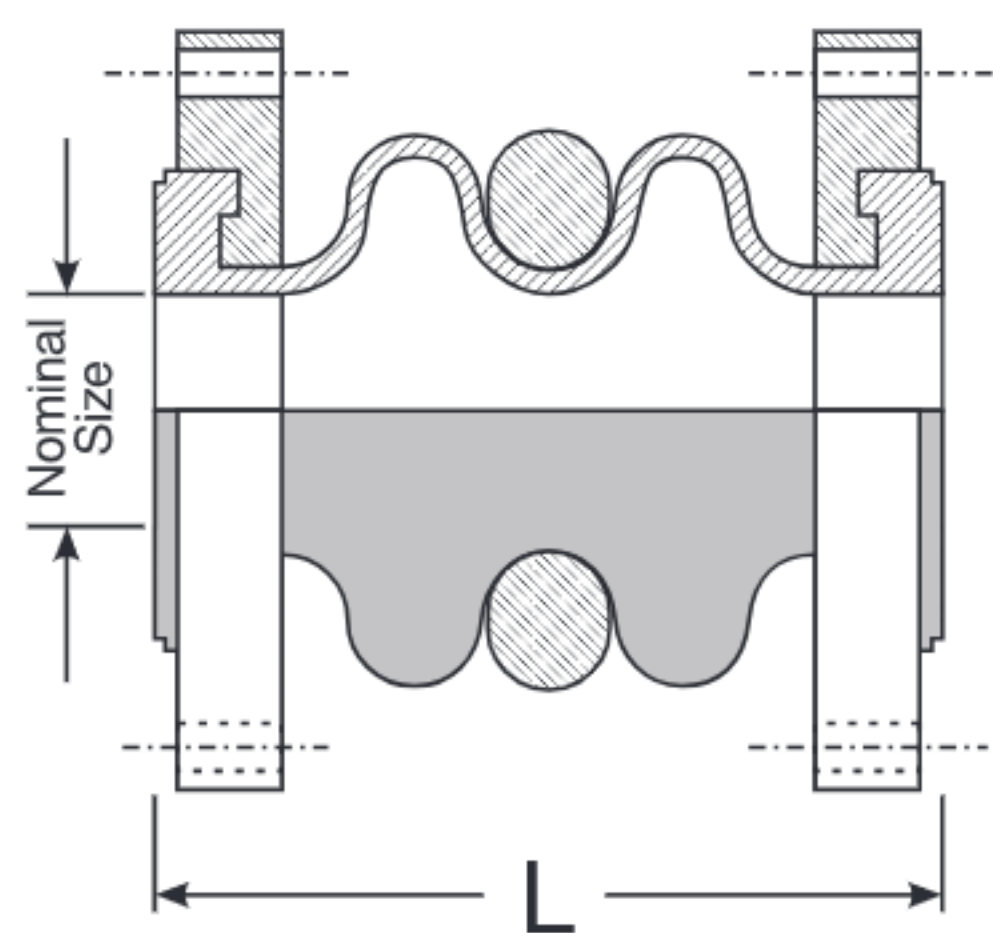
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FEATURES AND ADVANTAGES

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation using either floating flanges or threaded unions.
- Excellent for use with moderate chemicals, most oils, fats, grease, and many solvents.
- A retention ring is supplied with all double sphere flanged expansion joints.

MATERIAL SPECIFICATIONS

- Nylon fabric-reinforced neoprene body.
- HTSRF and HTDRF series supplied with forged carbon steel flanges.
- HTDRU supplied with ductile iron plated pipe unions.
- Flanges meet ANSI B16.56 and ASTM A-105 specifications.



Part Number	Size (in)	Length (L - in)	Allowable Movement				Operating Conditions			
			Axial Compression (in)	Axial Elongation (in)	Transverse Deflection (in)	Angular Deflection (Degrees)	Max. Pressure (psi)	Max. Temp. (°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

† **NOTE:** Not for use with oxidizing acids, esters, and ketones

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