

Expansion Joint Flange End



■ Features:

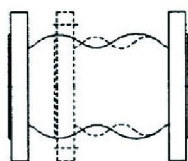
- Rubber bellow: EPDM, NBR
- Forged steel flanges: EN1092-1, DIN, JIS, GOST, ANSI etc.
- Both Single Sphere and Double Sphere available

■ Technical Specification:

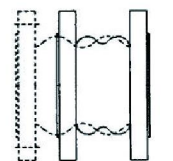
- Working Pressure: 1.6Mpa (16kg/CM²)
- Breaking Pressure: 4.8Mpa (48kg/CM²)
- Temperature: -20°C to +115°C
- Application: Fresh Water, Sea Water, Hot Water, Air and Gas

■ MATERIAL LIST

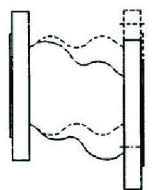
Item No.	Part Name	Specification
1	Bellow	EPDM / NBR
2	Flanges	Forged Steel
3	Reinforcement	Nylon Tyre Cord
4	Reinforcing Wire	Spring Steel Wire



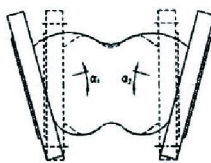
Axial Elongation



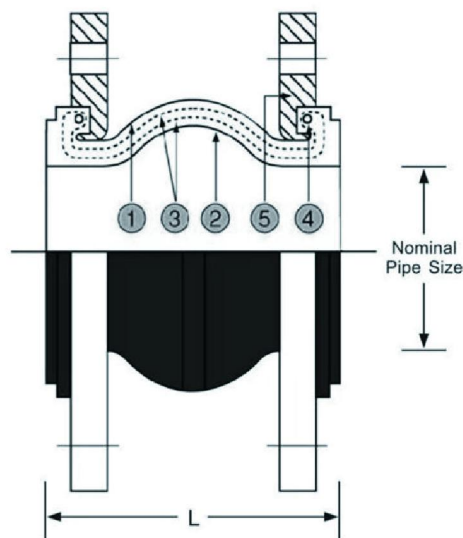
Axial Compression



Lateral Movement



Angular Movement



■ Dimensions (mm)

Size		L	Axial Elongation	Axial Compression	Lateral Movement	Angular Movement $\alpha_1 + \alpha_2$
mm	inch					
DN32	1 1/4"	95/130/152	+9.5	-13	±13	±15°
DN40	1 1/2"	95/130/152	+9.5	-13	±13	±15°
DN50	2"	105/130/152	+9.5	-13	±13	±15°
DN65	2 1/2"	115/130/152	+9.5	-13	±13	±15°
DN80	3"	130/152	+9.5	-13	±13	±15°
DN100	4"	130/152	+9.5	-16	±13	±15°
DN125	5"	130/152/170	+9.5	-16	±13	±15°
DN150	6"	130/152/180	+9.5	-16	±13	±15°
DN200	8"	130/152/205	+9.5	-16	±13	±15°
DN250	10"	130/203/240	+13	-16	±19	±15°
DN300	12"	130/203/260	+13	-19	±19	±15°
DN350	14"	203/265	+13	-19	±19	±15°
DN400	16"	203/265	+13	-19	±19	±15°
DN450	18"	203/265	+13	-19	±19	±15°
DN500	20"	203/265	+13	-19	±19	±15°
DN600	24"	265	+13	-19	±19	±15°