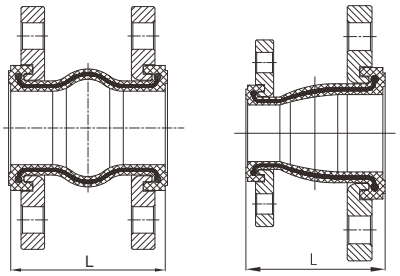
Single sphere rubber expansion joint

Rubber expansion joint is made by rubber sheets wrapping around a bellows-shape mandrel, and it is flexible unit installed in piping system to absorb vibrations and shock, relieve anchor stress, reduce noise, and compensate for misalignment.



- Certificate: CE
- Standard: EJMA
- Connection: Flanged as ANSI B16.5 Class 150, EN 1092-2 PN16
- Temperature: -10°C to 120°C
- W. pressure: 230 psi
- Surface: Black rubber, with galv. flanges

CE



Main parts and material

Inner / outer rubber	EPDM	**Reinforcing fabric**	Nylon
Flanges	Galvanized carbon steel	/	/

Available size

Size		L (mm)	Axial compression (mm)	Axial elongation (mm)	Transverse movement (mm)	Ref. No.
Inch	DN					
1"	25	95	8	4	10	U8101
1-1/4"	32	95	10	6	10	U8102
1-1/2"	40	95	10	6	10	U8103
2"	50	105	10	6	10	U8104
2-1/2"	65	115	15	8	12	U8105
3"	80	135	15	8	12	U8106
4"	100	150	20	12	16	U8107
5"	125	165	20	12	16	U8108
6"	150	180	20	12	16	U8109
8"	200	210	20	12	16	U8110

Single sphere rubber expansion joint

Available size

Size		L (mm)	Axial compression (mm)	Axial elongation (mm)	Transverse movement (mm)	Ref. No.
Inch	DN					
10"	250	230	30	14	25	U8111
12"	300	230	30	14	25	U8112
14"	350	265	30	14	25	U8113
16"	400	265	30	14	25	U8114
18"	450	265	30	14	25	U8115
20"	500	265	30	14	25	U8116
24"	600	265	30	14	25	U8117

Note: For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.