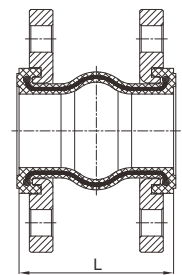


# Single sphere rubber expansion joint

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 drilling as ANSI B16.1 Class 125, EN 1092-2 PN16
- Temperature: -10°C to 120°C
- W. pressure: 230 psi
- Surface: Black rubber, with galv. flanges



## 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	U2701
1-1/4"	32	95	10	6	10	U2702
1-1/2"	40	95	10	6	10	U2703
2"	50	105	10	6	10	U2704
2-1/2"	65	115	15	8	12	U2705
3"	80	135	15	8	12	U2706
4"	100	150	20	12	16	U2707
5"	125	165	20	12	16	U2708
6"	150	180	20	12	16	U2709
8"	200	210	20	12	16	U2710
10"	250	230	30	14	25	U2711
12"	300	230	30	14	25	U2712
14"	350	265	30	14	25	U2713

# Single sphere rubber expansion joint

## Available size

Size		L (mm)	Axial compression (mm)	Axial elongation (mm)	Transverse movement (mm)	Ref. No.
Inch	DN					
16"	400	265	30	14	25	U2714
18"	450	265	30	14	25	U2715
20"	500	265	30	14	25	U2716
24"	600	265	30	14	25	U2717

**Note:**

1. For flanged connection, it is available with ANSI B16.1 Class 250, B16.5 Class 150 / 300, EN 1092-2 PN10 / PN25, etc.
2. Other sizes are available as customer request.