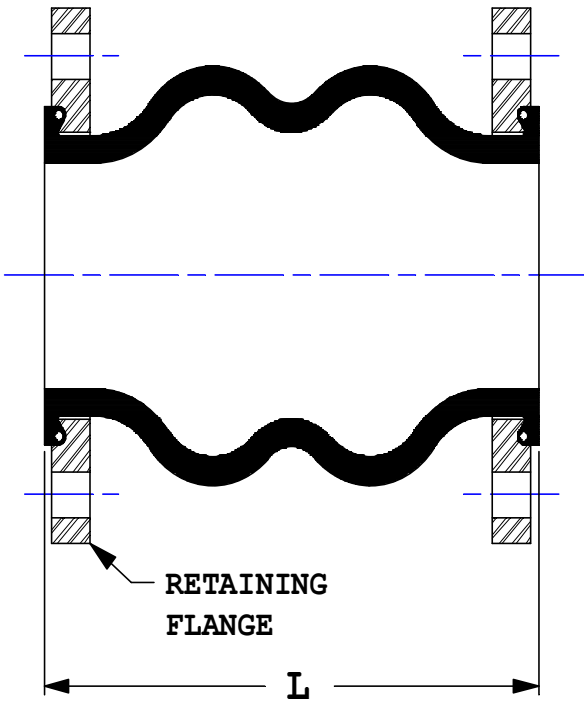


Series 99 TFA



Twin Wide Arch Expansion Joint

Twin Wide Arch Expansion Joint has excellent movement capability for expansion and contraction to prevent undue displacement of the pipeline.

The Onyx Expansion Joints reduce and isolate vibration, noise transmission and compensate movements in alignment due to wear and load stresses.

Specifications:

- Flanges: ANSI 125 lbs Standard
- Carbon Steel Retaining Flange

Options:

- Sleeve Elastomer
- Stainless Steel Retaining Flange
- Control Rods Unit

All Dimensions Are in Inches.

| SIZE | L | MOVEMENT CAPABILITY | | | | PRESS (MAX) (PSI) | BURST PRESS (PSI) | VACCUM (INCHES/Hg) | TEMP RANGE (DEG/F) |
|-------|-------|---------------------|------------|---------|---------|-------------------|-------------------|--------------------|--------------------|
| | | COMPRESSION | ELONGATION | LATERAL | ANGULAR | | | | |
| 1-1/4 | 7.00 | 2.00 | 1.18 | 1.77 | ± 40° | 225 | 855 | 26 | -14 TO 220 |
| 1-1/2 | | | | | | | | | |
| 2 | | | | | | | | | |
| 2-1/2 | | | | | | | | | |
| 3 | 9.00 | 2.00 | 1.18 | 1.58 | ± 35° | 225 | 855 | 26 | -14 TO 220 |
| 4 | | | | | | | | | |
| 6 | | | | | | | | | |
| 8 | 13.00 | 2.36 | 1.38 | 1.38 | ± 30° | 142 | 340 | 26 | -14 TO 220 |
| 10 | | | | | | | | | |
| 12 | | | | | | | | | |
| 14 | | | | | | 125 | | | |
| 16 | | | | | | | | | |
| 18 | | | | | | | | | |
| 20 | 13.75 | 2.36 | 1.38 | 1.38 | ± 30° | 125 | 340 | 26 | -14 TO 220 |

Dimensions are subject to change without notice.