

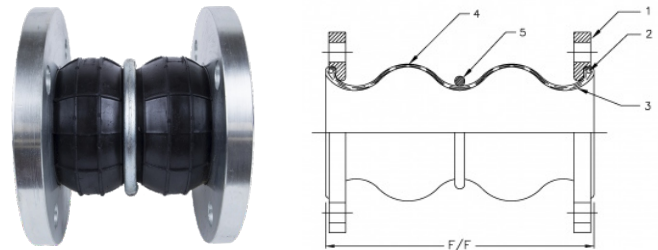


APPLICATIONS

- Pressure piping systems in building equipment and general industrial plants.
- Pump and turbine lines used for power generation plants, industrial machinery and universal pump blowers.
- Feed-water & drainage lines for waterworks & sanitary piping systems.
- Pipelines for industrial plants and shipbuilding yards.

FEATURES

- Applicable for suction and delivery (discharge).
- Designed for greater compression, elongation, and angular movement than the single sphere expansion joint.
- Excellent for absorbing thermal expansion and eliminating sound and vibration.
- Gaskets and packing not required.
- Good electrical insulator.
- Absorbs water pulsation and minimizes water hammering.



OPERATING CONDITIONS

Size Range	1-1/2"-12"	14"-24"
Operating Pressure	up to 214 psi	up to 114 psi
Operating Temp. Range*	14°-170° F (Neoprene) 14°-210° F (EPDM)	14°-170° F (Neoprene) 14°-210° F (EPDM)
Burst Pressure	853 psi	340 psi
Vacuum Rating*	Contact Easyflex	Contact Easyflex

MATERIALS

Part	Part Description	Material
1	Flanges	Mild Steel - Plated
2	Reinforcing Fabric	Nylon
3	Reinforcing Wire	Mild Steel
4	Tube	Synthetic Rubber
5	Cover	Synthetic Rubber
6	Root Ring	Mild Steel Plated

DIMENSION & ALLOWABLE MOVEMENTS

Size	Face To Face Dimensions	Allowable Motion Ratings* Compression	Allowable Motion Ratings* Elongation	Allowable Motion Ratings* Lateral	Allowable Motion Ratings* Angular	Installation Tolerances Compression	Installation Tolerances Elongation	Installation Tolerances Lateral	Installation Tolerances Angular
1-1/2"	7"	2"	1-1/8"	1-3/4"	35°	1/4"	1/8"	5/16"	10°
2"	7"	2"	1-1/8"	1-3/4"	35°	1/4"	1/8"	5/16"	10°
2-1/2"	7"	2"	1-1/8"	1-3/4"	35°	1/4"	1/8"	5/16"	10°
3"	7"	2"	1-3/8"	1-3/4"	35°	1/4"	1/8"	5/16"	10°
4"	9"	2"	1-3/8"	1-9/16"	35°	1/4"	1/8"	5/16"	10°
5"	9"	2"	1-3/8"	1-9/16"	30°	1/4"	1/8"	3/8"	10°
6"	9"	2"	1-3/8"	1-9/16"	30°	1/4"	1/8"	3/8"	10°
8"	13"	2-3/8"	1-3/8"	1-3/8"	30°	1/4"	1/8"	1/2"	10°
10"	13"	2-3/8"	1-3/8"	1-3/8"	30°	1/4"	1/8"	1/2"	10°
12"	13"	2-3/8"	1-3/8"	1-3/8"	20°	1/4"	1/8"	1/2"	10°
14"	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20°	1/4"	1/8"	5/16"	10°
16"	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20°	1/4"	1/8"	5/16"	10°
18"	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20°	1/4"	1/8"	5/16"	10°
20"	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20°	1/4"	1/8"	5/16"	10°
24"	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20°	1/4"	1/8"	1/2"	10°

Note: Customized for flanges ANSI-150, ANSI-300 and DIN

Warning: Do NOT elongate rubber expansion joints when installing for suction service.