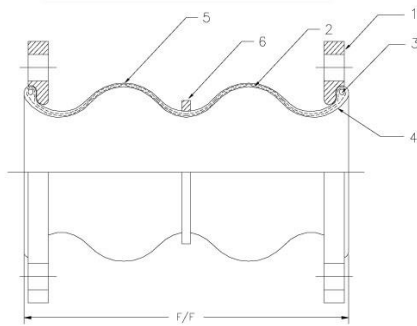


## AMT Series Twin Sphere Expansion Joint



### FEATURES;

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



Part No.	Nom. Size	Face to Face Dim.	Allowable Motion Ratings*				Installation Tolerances			
			Compression	Elongation	Lateral	Angular	Compression	Elongation	Lateral	Angular
EJTS-015	1-1/2	7"	2"	1-1/8"	1-3/4"	35	1/4"	1/8"	5/16"	10
EJTS-020	2									
EJTS-025	2-1/2									
EJTS-030	3	9"	2-3/8"	1-3/8"	1-9/16"	30	1/4"	1/8"	3/8"	10
EJTS-040	4									
EJTS-050	5									
EJTS-060	6	13"	2-3/8"	1-3/8"	1-3/8"	20	1/4"	1/8"	1/2"	10
EJTS-080	8									
EJTS-100	10									
EJTS-120	12	13-3/4"	1-9/16"	1-1/8"	1-1/8"	20	1/4"	1/8"	5/16"	10
EJTS-140	14									
EJTS-160	16									
EJTS-180	18									
EJTS-200	20									
EJTS-240	24								1/2"	

**Warning:** Do not elongate rubber expansion joints when installing for suction service. \*Non Concurrent Ratings

OPERATING CONDITIONS		
Size Range	1-1/2" - 12"	14" - 24"
Operating Pressure	214 PSI	114 PSI
Operating Temp	14° - 170°F (Neoprene)	
Range*	14° - 210°F (EPDM)	
Vacuum Rating	Contact Morrill Industries	
Burst Pressure	853 PSI	340 PSI

PART	PART DESCRIPTION	MATERIAL
1	Flanges	Mild Steel - Plated
2	Reinforcing Fabric	Synthetic Fiber
3	Reinforcing Wire	Mild Steel Strands
4	Tube	Synthetic Rubber
5	Cover	Synthetic Rubber
6	Root Ring	Mild Steel - Plated

### Warning:

- Pressure rating listed in above table are for up to 110°F for Neoprene and 125°F for EPDM.
- For elevated temperature service, please Morrill Industries for actual working pressure ratings.
- Limit rods are required in systems that are unanchored and recommended in all other applications.

### 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.

