

JF-950 Flanged Universal Expansion Joint for Large Movement**Description**

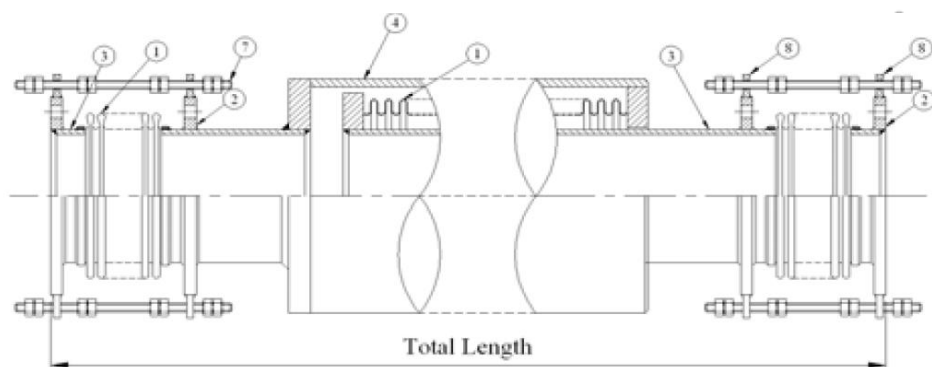
One externally-pressurized axial expansion joint connected two angular expansion joint on both side. Designed to accommodate large axial and lateral combined movement of pipeline.

Feature

Size Range: 1" (DN25) ~ 24" (DN600) Design Pressure: 16bar at 200 °C (390 °F) Life Cycles > 1,000 times

CONSTRUCTION

Item	Part	950TR	950G	950GW	Material
1	Bellows	⊙	⊙	⊙	SS304/SS316
2	Flange	⊙	⊙	⊙	Carbon Steel/SS304/SS316
3	Tube	⊙	⊙	⊙	Carbon Steel/SS304/SS316
4	Shell	⊙	⊙	⊙	Carbon Steel/SS304/SS316
5	Gimbal		⊙	⊙	Carbon Steel/SS304/SS316
6	Wire Braid			⊙	SS304
7	Tie-rods(Bolts & Nuts)	⊙			Carbon Steel/SS304/SS316
8	Tie-rods Holders	⊙			Carbon Steel/SS304/SS316

**SPECIFICATION for BS 4504 PN16 Drilling Flanges Fitted**

Nominal Bore		Total Length (JF-950TR for Axial and Lateral ±100mm)	Lateral ±100mm	Axial ±100mm	Outside Diameter of Shell	Max. Width with Lugs	Effective Area	Note
			Lateral Spring Rate	Axial Spring Rate				
mm	inch	mm	N/mm	N/mm	mm	mm	cm ²	
25	1	1500	0.1	23.5	114.3	200	50	
32	1 1/4	1500	0.1	23.5	114.3	225	50	
40	1 1/2	1500	0.1	23.5	114.3	235	50	
50	2	1550	0.2	27.4	141.3	250	67	
65	2 1/2	1550	0.4	38.1	168.3	270	125	
80	3	1550	0.5	38.1	168.3	285	125	
100	4	1550	1.0	42.3	219.1	305	179	
125	5	1600	1.2	41.0	273.1	335	258	
150	6	1600	2.4	70.5	323.9	450	419	
200	8	1600	3.5	93.1	355.6	470	667	