

V603

ANGULAR EXPANSION JOINT



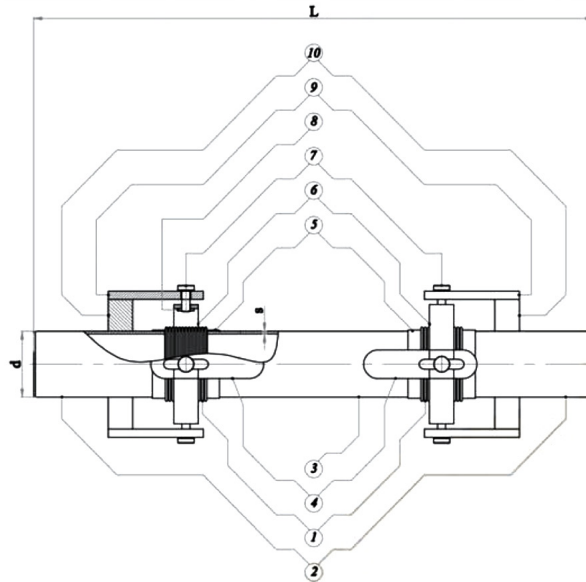
Product Features

- Two gimbal expansions permit large lateral movement in any axis from both ends
- Can absorb lateral or angular movements in all axis
- Lateral expansion level is directly related to bellow size and the length of the middle pipe
- Protects the pipeline against seismic motions (earthquake) and large lateral and angular movements
- Bellow movement range is within controlled range
- Withstands against pressure thrust
- Inner liners can be added upon request
- Highly flexible
- High movement capacity and resistance high temperatures and chemicals
- Designed for high temperature usage
- Rotating flange, Fixed flange or Welding Neck connection type are available
- It consists SS bellows and accompanying flanges or welded pipes with or without inner liner



* V603 Angular Expansion Joint with welding ends

Welded Type - Dimensions Table



Nominal Size		L (mm.)					d	s	Pressure (bar)
		Expansion Range (mm.)							
DN	Inch	X	Y-Z: 100mm.	Y-Z: 200mm.	Y-Z: 300mm.	Y-Z: 400mm.			
25	1"	100	710	910	1110	1310	33.7	3.2	16
32	1 1/4"	100	710	910	1110	1310	42.4	3.2	
40	1 1/2"	100	710	910	1110	1310	48.3	3.2	
50	2"	100	770	970	1170	1380	60.3	3.6	
65	2 1/2"	100	770	970	1220	1480	76.1	3.6	
80	3"	100	820	1020	1250	1480	88.9	4	
100	4"	100	820	1020	1280	1530	114.3	4.5	
125	5"	100	950	1150	1460	1750	139.7	5	
150	6"	100	950	1150	1460	1750	165	5	
200	8"	100	1120	1340	1690	2040	219.1	4.5	
250	10"	100	1120	1340	1690	2040	273	5.6	