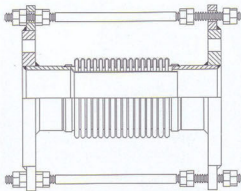


## Expansion Joint Flanged End Type 250 series & 400 series



**Features :** Stainless steel bellows welded with tube ends and flanges. Internal sleeve and limit rods are optional. Designed to accommodate axial movement of pipeline in medium (250 series) and high (400 series) working pressure and high working temperature.

**Movement :** 32mm to 50mm

**Flange :** according to DIN, JIS, ANSI

### CONSTRUCTION

Item	Parts	250SG	250S	250N	400SG	400S	Material
1	Bellows	⊙	⊙	⊙	⊙	⊙	SUS304/SUS316
2	Internal Sleeve	⊙	⊙	⊙	⊙	⊙	SUS304/SUS316
3	Flange	⊙	⊙	⊙	⊙	⊙	SS400/SUS304/SUS316
4	Tube End	⊙	⊙	⊙	⊙	⊙	SS400/SUS304/SUS316
5	Limit Rods	⊙		⊙			S25C/SUS304/SUS316

### SPECIFICATION

NOMINAL BORE		TOTAL LENGTH		BELLWS				AXIAL MOVEMENT		WORKING PRESSURE		AXIAL SPRING RATE	EFFECTIVE AREA	
mm	inch	mm	inch	mm	inch	No.	No.	mm	inch	bar	psi	N/mm	cm <sup>2</sup>	inch <sup>2</sup>
15	1/2	250	9.84	25.0	0.98	36	1	32	1.25	10	145.2	10.98	3.6	0.6
		350	13.78			52		2	25	363	8.72	3.5	0.5	
20	3/4	250	9.84	32.5	1.28	31	1	32	1.25	10	145.2	16.17	5.9	0.9
		350	13.78			46		2	25	363	13.23	5.9	0.9	
25	1	250	9.84	38.0	1.50	28	1	32	1.25	10	145.2	31.26	8.4	1.3
		350	13.78			40		2	25	363	14.41	8.4	1.3	
32	1 1/4	350	13.78	48.0	1.91	36	2	10	145.2	17.93	13.2	2.0		
				48.5	1.91			25	363	19.01	13.8	2.1		
40	1 1/2	350	13.78	58.0	2.30	32	2	10	145.2	22.44	20.2	3.1		
				58.5	2.30			25	363	28.91	20.2	3.1		
50	2	350	13.78	75.0	2.99	24	2	10	145.2	18.42	32.8	5.1		
				74.0	2.91			25	363	44.10	32.1	5.0		
65	2 1/2	350	13.78	90.0	3.58	20	2	10	145.2	45.37	49.6	7.7		
				91.0	3.58			25	363	89.57	49.1	7.6		
80	3	350	13.78	104.0	4.13	20	2	10	145.2	45.08	67.8	10.5		
				105.0	4.13			25	363	81.34	67.4	10.4		
100	4	350	13.78	130.0	5.20	16	2	10	145.2	47.82	108.0	16.7		
				132.0	5.20			25	363	145.73	108.9	16.9		
125	5	350	13.78	160.0	6.42	15	2	10	145.2	84.87	166.5	25.8		
				163.0	6.42			25	363	160.72	167.1	25.9		
150	6	350	13.78	194.0	7.64	14	2	10	145.2	78.99	232.4	36.0		
				194.0	7.64			25	363	192.37	239.2	37.1		
200	8	350	13.78	252.0	9.92	13	2	10	145.2	136.42	394.1	61.1		
				252.0	9.92			25	363	263.52	420.9	65.2		
250	10	350	13.78	313.0	12.40	12	2	10	145.2	179.63	589.7	91.4		
				315.0	12.40			25	363	427.97	664.6	103.0		
300	12	350	13.78	360.0	14.29	12	2	10	145.2	183.95	829.6	128.6		
				366.0	14.41			25	363	498.62	925.4	143.4		