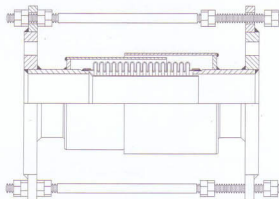


Expansion Joint Flanged End Type 1000 series (Welding Flanges and external cover)



CONSTRUCTION

Item	Parts	1000	1000H	Material
1	Bellows	⊙	⊙	SUS304/SUS316
2	Internal Sleeve	⊙	⊙	SUS304/SUS316
3	External Cover	⊙	⊙	SS400/SUS304
4	Tube End	⊙	⊙	STPG-38/SUS304/SUS316
5	Flange	⊙	⊙	SS400/SUS304/SUS316
6	Limit Rods	⊙	⊙	S25C/SUS304

Features : One or multiply stainless steel bellows welded with tube ends, flanges and external cover. Designed to accommodate axial movement of pipeline in high (1000-H) or medium (1000) working pressure and in high or medium working temperature.

Movement : 50mm

Flange : according to JIS, ANSI

SPECIFICATION

NOMINAL BORE		TOTAL LENGTH		BELLWS			AXIAL MOVEMENT		WORKING PRESSURE		AXIAL SPRING RATE		EFFECTIVE AREA							
				O.D.	CORR.	PLY	mm	inch	1000	1000H	1000	1000H	1000	1000H						
mm	inch	mm	inch	mm	inch	No.	1000	1000H	mm	inch	bar	psi	bar	psi	N/mm	N/mm	cm ²	inch ²	cm ²	inch ²
32	1 1/4	400	15.75	48.5	1.91	36	1	2	50	2	10	145	25	363	17.63	19.01	13.2	2.0	13.8	2.1
40	1 1/2	400	15.75	58.5	2.30	32	1	2	50	2	10	145	25	363	22.44	28.91	20.2	3.1	20.2	3.1
50	2	400	15.75	74.0	2.91	24	1	2	50	2	10	145	25	363	18.42	44.10	32.8	5.1	32.1	5.0
65	2 1/2	400	15.75	91.0	3.58	20	1	2	50	2	10	145	25	363	45.37	89.57	49.6	7.7	49.1	7.6
80	3	400	15.75	105.0	4.13	20	1	2	50	2	10	145	25	363	45.08	81.34	67.8	10.5	67.4	10.4
100	4	400	15.75	132.0	5.20	16	1	2	50	2	10	145	25	363	47.82	145.73	108.0	16.7	108.9	16.9
125	5	400	15.75	163.0	6.42	15	1	2	50	2	10	145	25	363	84.87	160.72	166.5	25.8	167.1	25.9
150	6	400	15.75	194.0	7.64	14	1	2	50	2	10	145	25	363	78.99	192.37	232.4	36.0	239.2	37.1
200	8	400	15.75	252.0	9.92	13	1	2	50	2	10	145	25	363	136.42	263.52	394.1	61.1	420.9	65.2
250	10	400	15.75	315.0	12.40	12	1	2	50	2	10	145	25	363	179.63	427.97	589.7	91.4	664.6	103.0
300	12	400	15.75	366.0	14.41	12	1	2	50	2	10	145	25	363	183.95	498.62	829.6	128.6	925.4	143.4