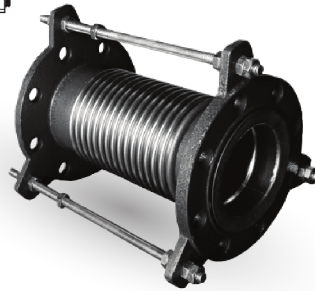
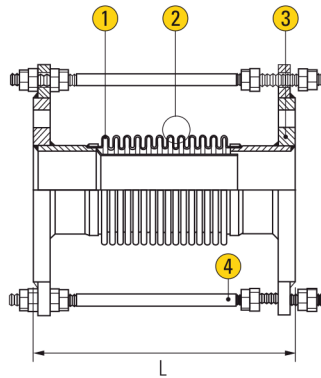


EXPANSION JOINT AXIAL TYPE

STAINLESS STEEL

VARIMEX valves®
CO. LTD.

HELS
HOSE-EXPANSION JOINT-LEVEL CONTROL-STEAM TRAP



Available Upon Request :



SPECIFICATION

Size Range	15mm to 600mm (1/2" to 24")
Material	Stainless steel ASIS 321
Connection	Welding end, Flanged end to DIN ANSI B16.5 and JIS standards
Working Pressure	Up to 45 Bar
Working Temperature	Up to 400°C

APPLICATION

Suitable for water, steam, oil, gases and others non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

MATERIAL

Parts	Material
1 Bellows	SUS304 / SUS316
2 Internal Sleeve	SUS304 / SUS316
3 Flange	SS400 / SUS304 / SUS316
4 Limit Rods	S25C / SUS304 / SUS316

DIMENSIONS

Unit : mm (inch)

Nominal Bore	Total Length	Bellows			Axial Movement	Working Pressure		Axile Spring Plate (N/mm)	Effective Area	
		O.D.	Corr. (no.)	PLY (no.)		Bar	PSI		cm ²	Inch ²
15 (1/2)	300 (9.84)	25 (0.98)	36	1	32 (1.25)	10	145.2	10.96	3.6	0.6
	350 (13.78)		52		50 (2)	25	363	8.72	3.5	0.5
20 (3/4)	300 (9.84)	32.5 (1.28)	31	1	32 (1.25)	10	145.2	16.17	5.9	0.9
	350 (13.78)		46		50 (2)	25	363	13.23	5.9	0.9
25 (1)	300 (9.84)	38 (1.50)	28	1	32 (1.25)	10	145.2	31.26	8.4	1.3
	350 (13.78)		40		50 (2)	25	363	14.41	8.4	1.3
32 (1-1/4)	300 (9.84)	48.0 (1.91)	36	1	50 (2)	10	145.2	17.93	13.2	2.0
	350 (13.78)			2		25	363	19.01	13.8	2.1
40 (1-1/2)	300 (9.84)	58.0 (2.30)	32	1	50 (2)	10	145.2	22.44	20.2	3.1
	350 (13.78)			2		25	363	28.91	20.2	3.1
50 (2)	300 (9.84)	75.0 (2.99)	24	1	50 (2)	10	145.2	18.42	32.8	5.1
	350 (13.78)			2		25	363	44.10	32.1	5.0
65 (2-1/2)	300 (9.84)	90.0 (3.58)	20	1	50 (2)	10	145.2	45.37	49.6	7.7
	350 (13.78)			2		25	363	89.57	49.1	7.6
80 (3)	300 (9.84)	104.0 (4.13)	20	1	50 (2)	10	145.2	45.08	67.8	10.5
	350 (13.78)			2		25	363	81.34	67.4	10.4
100 (4)	300 (9.84)	130.0 (5.20)	16	1	50 (2)	10	145.2	47.82	108.0	16.7
	350 (13.78)			2		25	363	145.73	108.9	16.9
125 (5)	300 (9.84)	160.0 (6.42)	15	1	50 (2)	10	145.2	84.87	166.5	25.8
	350 (13.78)			2		25	363	160.72	167.1	25.9
150 (6)	300 (9.84)	194.0 (7.64)	14	1	50 (2)	10	145.2	78.99	232.4	36.0
	350 (13.78)			2		25	363	192.37	239.2	37.1
200 (8)	300 (9.84)	252.0 (9.92)	13	1	50 (2)	10	145.2	136.42	394.1	61.1
	350 (13.78)			2		25	363	263.52	420.9	65.2
250 (10)	300 (9.84)	313.0 (12.40)	12	1	50 (2)	10	145.2	179.63	589.7	91.4
	350 (13.78)			2		25	363	427.97	664.6	103.0
300 (12)	300 (9.84)	360.0 (14.29)	12	1	50 (2)	10	145.2	183.95	829.6	128.6
	350 (13.78)			2		25	363	498.62	925.4	143.4

Note : Other movements, sizes, pressure, material expansion joints are available on request

*Specification given are subject to changed without further notice.