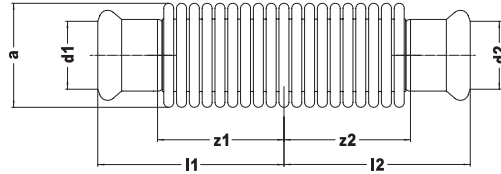


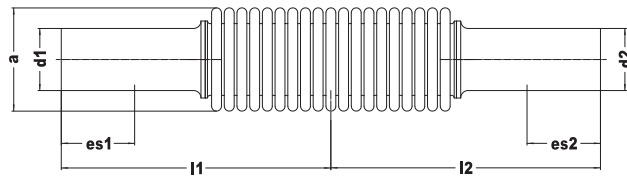
Stainless Steel Expansion Bellow Specifications

NP478 Expansion Bellow (2 x Press)



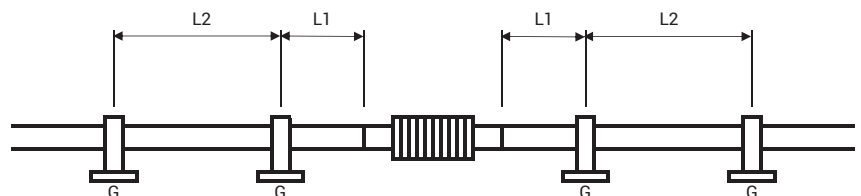
Code	OD Pipe (mm)	l1/l2 (mm)	z1/z2 (mm)	a (mm)	Length (L1+L2)	ΔL (mm)	A Effective (cm²)	Spring Rate (N/mm)
53754BB0	15	55	35	24	110	-14	3.1	28
53754CC0	18	53	33	27	106	-16	4	28
53754DD0	22	60	39	37	120	-20	7.2	40
53754EE0	28	65	42	44	130	-22	10.5	42
53754FF0	35	70	44	50	140	-24	13.9	54
53754GG0	42	77	47	60	154	-24	20.4	47
53754HH0	54	90	55	72	180	-30	31	48

NP479 Expansion Bellow (2 x Male)



Code	OD Pipe (mm)	l1/l2 (mm)	z1/z2 (mm)	a (mm)	Length (L1+L2)	ΔL (mm)	A Effective (cm²)	Spring Rate (N/mm)
53754JJ0	76.1	138	61	92	276	-30	52.5	60
53754KK0	88.9	145	90	106	290	-30	73.2	82
53754LL0	108	173	110	130	346	-30	115	92

OD Pipe (mm)	L1 Max. (mm)	L2 Max. (mm)
15	50	170
18	60	210
22	80	280
28	100	350
35	120	450
42	160	560
54	200	700
76.1	300	1050
88.9	320	1120
108	400	1400



G = Pipe guide

Notes

- ΔL (mm) shown in the table above is the amount of compression of the expansion joint
- Install STEELFIX Stainless Steel Expansion Bellows between 2 fixed points, who can absorb all the forces working on it
- Pipe guides may permit only movements in a axial direction without blocking them
- The pipe ends where in between a axial compensator is places, must lie on the same centreline
- Refer to KE KELIT STEELFIX Technical Manual Section: 2.6.1 Thermal Expansion (in the piping system), for further information on expansion.
- Please contact KE KELIT New Zealand for additional technical support.