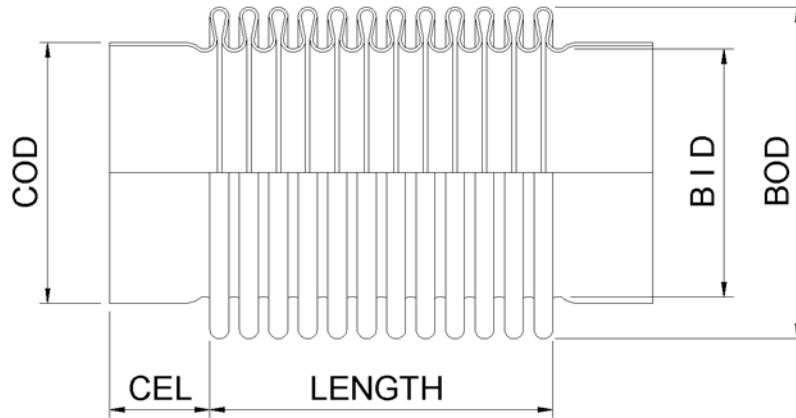


LIGHT WAY METALS
Metallic Bellows



SPECIFICATION

NOMINAL BORE		PLY No.	DIMENSIONS				MAX. WORKING PRESSURE		LENGTH			TOTAL MOVEMENT	
inch	mm		BOD mm	BID mm	COD mm	CEL mm	bar	psi	NEUTRAL mm	COMPRESSED mm	EXTENDED mm	AXIAL mm	LATERAL mm
1/2"	15	1	25.4	17.0	17.7	15	25	363	90	70	95	25	15
									180	140	190	45	60
									270	210	285	75	140
3/4"	20	1	32.7	22.2	23.1	15	25	363	90	70	95	25	12
									180	140	190	45	50
									270	210	285	75	110
1"	25	1	39.0	26.9	28.0	15	25	363	90	70	95	25	10
									180	140	190	45	40
									270	210	285	75	90
1-1/4"	32	1	48.0	34.0	35.0	15	10	145	90	70	95	25	10
									180	140	190	50	39
									270	210	285	75	90
		2	48.0	35.8	37.0	20	25	363	90	70	95	25	11
									180	140	190	50	44
									270	210	285	75	100
1-1/2"	40	1	58.5	43.8	45.0	20	10	145	90	70	95	25	8
									180	140	190	50	32
									270	210	285	75	73
		2	58.0	43.4	45.0	20	25	363	90	70	95	25	9
									180	140	190	50	36
									270	210	285	75	80
2"	50	1	73.0	55.4	57.0	20	10	145	90	70	95	25	7
									180	140	190	50	29
									270	210	285	75	66
		2	74.5	55.2	56.2	20	25	363	90	70	95	25	7
									180	140	190	50	29
									270	210	285	75	65
2-1/2"	65	1	90.0	69.0	71.0	20	10	145	90	70	95	25	5
									180	140	190	50	21
									270	210	285	75	47
		2	90.0	68.2	71.0	20	25	363	90	70	95	25	5
									180	140	190	50	20
									270	210	285	75	47
3"	80	1	104.0	82.0	84.0	20	10	145	90	70	95	25	4
									180	140	190	50	18
									270	210	285	75	42
		2	104.5	80.8	84.0	20	25	363	90	70	95	25	4
									180	140	190	50	19
									270	210	285	75	44
4"	100	1	131.0	104.7	107.0	20	10	145	90	70	95	25	4
									180	140	190	50	17
									270	210	285	75	38
		2	136.6	113.0	115.3	20	25	363	90	70	95	25	3
									180	140	190	50	14
									270	210	285	75	32

LIGHT WAY METALS

Metallic Bellows

SPECIFICATION

NOMINAL BORE		DIMENSIONS						MAX. WORKING PRESSURE		LENGTH			TOTAL MOVEMENT	
inch	mm	PLY No.	BOD mm	BID mm	COD mm	CEL mm	bar	psi	NEUTRAL mm	COMPRESSED mm	EXTENDED mm	AXIAL mm	LATERAL mm	
5"	125	1	158.0	130.0	134.2	20	10	145	90	70	95	25	3	
									180	140	190	50	12	
									270	210	285	75	27	
		2	162.0	137.6	139.8	20	25	363	90	70	95	25	3	
									180	140	190	50	12	
									270	210	285	75	27	
6"	150	1	196.0	167.4	168.7	20	10	145	90	70	95	25	2.5	
									180	140	190	50	11	
									270	210	285	75	24	
		2	196.0	166.4	170.2	20	25	363	90	70	95	25	2.4	
									180	140	190	50	9	
									270	210	285	75	22	
8"	200	1	252.0	215.0	218.0	20	10	145	90	70	95	25	2.1	
									180	140	190	50	8	
									270	210	285	75	18	
		2	250.0	214.0	218.0	20	16	232	90	70	95	25	2.3	
									180	140	190	50	9	
									270	210	285	75	20	
3	250.0	213.0	218.0	20	25	363	90	70	95	25	2.3			
							180	140	190	50	9			
							270	210	285	75	20			
10"	250	1	313.0	272.0	275.4	20	10	145	90	70	95	25	1.5	
									180	140	190	50	6	
									270	210	285	75	13	
		2	312.0	271.0	275.3	20	16	232	90	70	95	25	1.7	
									180	140	190	50	7	
									270	210	285	75	15	
3	312.0	269.8	275.3	20	25	363	90	70	95	25	1.7			
							180	140	190	50	7			
							270	210	285	75	15			
12"	300	1	362.0	321.0	324.5	20	10	145	90	70	95	25	1.3	
									180	140	190	50	5	
									270	210	285	75	11	
		2	362.0	320.4	325.3	20	16	232	90	70	95	25	1.5	
									180	140	190	50	6	
									270	210	285	75	13	
3	364.5	322.0	328.5	20	25	363	90	70	95	25	1.4			
							180	140	190	50	5			
							270	210	285	75	13			
14"	350	1	415.6	355.6	357.6	20	10	145	90	70	95	25	1.0	
									180	140	190	50	4	
									270	210	285	75	11	
		2	416.8	355.6	359.4	20	16	232	90	70	95	25	1.2	
									180	140	190	50	4	
									270	210	285	75	11	
3	418.4	355.6	361.5	20	25	363	90	70	95	25	1.2			
							180	140	190	50	4			
							270	210	285	75	11			
16"	400	1	470.4	406.4	408.4	20	10	145	90	70	95	25	1.0	
									180	140	190	50	3	
									270	210	285	75	11	
		2	472.4	406.4	410.8	20	16	232	90	70	95	25	1.1	
									180	140	190	50	4	
									270	210	285	75	11	
3	474.4	406.4	413.2	20	25	363	90	70	95	25	1.1			
							180	140	190	50	4			
							270	210	285	75	11			
18"	450	1	521.2	457.2	459.2	20	10	145	90	70	95	25	0.9	
									180	140	190	50	3	
									270	210	285	75	11	
		2	523.2	457.2	461.8	20	16	232	90	70	95	25	1.1	
									180	140	190	50	4	
									270	210	285	75	11	
3	525.2	457.2	464.3	20	25	363	90	70	95	25	1.1			
							180	140	190	50	4			
							270	210	285	75	11			

Other movements, sizes, and pressure bellows available on request
 Design and dimensional alternations may be made without notice