



Range Overview Metric

Buffer Unit	Elevator Rated Speed (m/s)	Max Test Speed - 115% (m/s)	A17.1 Reduced Stroke (m/s)	Stroke (m) Min.	Mass Range (Kg)		Extended Height (m) Max.	Compressed Height (m) Min.	Weight (No Oil) (Kg)	Oil Volume (Litres)	Weight (With Oil) (Kg)	Return Spring Type Mechanical or Gas	Filling Bolts Recommended Size	Certification					Manufactured				Distribution Countries	
					Min.	Max.								ASME	EN81	GB7308	KC	EAC	UK	China	India	USA		Germany
LSB10	1.000	1.150	1.470	0.0734	380	3250	0.2222	0.1459	3.529	0.45	3.925	Mech	M10	✓	✓	✓	✓	✓	•	•	•	•		
MLB13	1.300	1.495	1.880	0.1213	450	5500	0.4103	0.2754	9.281	1.02	10.10	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LSB16	1.600	1.840	2.270	0.1735	450	3250	0.4855	0.3069	6.565	0.88	7.339	Mech	M12	✓	✓	✓	✓	✓	•	•	•	•		
SEB16	1.600	1.840	2.260	0.1730	450	4545	0.5400	0.3508	11.78	1.45	13.06	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
MLB16	1.600	1.840	2.260	0.1743	450	5500	0.5323	0.3444	11.15	1.41	12.39	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LB16	1.600	1.840	2.450	0.2032	500	8330	0.6166	0.3973	25.54	4.62	29.31	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
LSB18	1.800	2.070	2.550	0.2195	450	3250	0.5775	0.3529	7.482	1.03	8.726	Mech	M12	✓	✓	✓	✓	✓	•	•	•	•		
SEB18	1.800	2.070	2.540	0.2190	450	4545	0.6430	0.4078	13.26	1.77	14.82	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
MLB18	1.800	2.070	2.540	0.2203	450	5500	0.6343	0.4004	12.67	1.74	14.01	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LB18	1.800	2.070	2.710	0.2489	500	8330	0.7229	0.4563	28.12	5.58	33.03	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
SEB20	2.032	2.337	2.870	0.2790	450	4545	0.7770	0.4818	15.28	2.20	17.22	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
MLB20	2.030	2.334	2.870	0.2803	450	5500	0.7823	0.4884	15.02	2.18	16.94	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LB20	2.032	2.337	2.980	0.2999	500	8330	0.8389	0.5213	30.96	6.64	36.80	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
SEB25	2.540	2.920	3.590	0.4350	450	4545	1.1260	0.6748	20.45	3.30	23.35	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
MLB25	2.540	2.921	3.590	0.4363	450	5500	1.1643	0.7144	21.05	3.32	23.97	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LB25	2.540	2.920	4.530	0.4619	500	8330	1.2109	0.7313	40.14	10.0	48.94	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
MLB32	3.150	3.622	5.490	0.6803	450	5500	1.7305	1.0340	29.72	5.19	34.29	Gas	M12	✓	✓	✓	✓	✓	•	•	•	•		
LB32	3.150	3.622	5.570	0.6989	700	8330	1.7059	0.9893	54.93	20.0	72.53	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
MLB35	3.560	4.094	6.260	0.8809	600	5500	2.1079	1.2093	61.45	19.5	78.61	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
LB35	3.560	4.094	6.260	0.8809	1000	8330	2.1079	1.2093	65.46	24.5	87.02	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
MLB40	4.060	4.669	7.120	1.1409	600	5500	2.6929	1.5343	75.66	25.0	97.66	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
LB40	4.064	4.674	7.120	1.1409	1000	8330	2.6929	1.5343	80.69	31.5	108.4	Gas	M16	✓	✓	✓	✓	✓	•	•	•	•		
LB50	5.080	5.842	8.850	1.7410	1500	7500	4.2144	2.4395	202.6	27.8	227.1	Gas	M20	✓	✓	✓	✓	✓	•	•	•	•		
LB55	5.588	6.426	9.730	2.1100	1250	7500	5.0374	2.8935	235.2	33.3	264.5	Gas	M20	✓	✓	✓	✓	✓	•	•	•	•		
HSL58**	5.850	6.728	10.220	2.3420	4000	10000	4.9655	2.5225	779.0	98.0	865.2	Gas	M22						•	•	•	•		
LB60	6.096	7.010	10.590	2.5050	1500	10000	6.1796	3.5975	458.1	73.0	522.3	Gas	M20	✓	✓	✓	✓	✓	•	•	•	•		
HSL72	7.250	8.338	12.740	3.6448	4000	10000	7.4147	3.6752	1249	144	1376	Gas	M22		✓	✓			•	•	•	•		
HSL87**	8.700	10.005	15.210	5.1920	4000	10000	10.2950	5.1835	1450	207	1632	Gas	M22						•	•	•	•		
HSL101**	10.100	11.615	17.650	6.9730	5500	8000	12.5500	4.1830	3000	275	3242	Gas	M22						•	•	•	•		
HSL115	11.550	13.282	20.230	9.1264	5500	8000	14.9119	5.7011	3497	490	3928	Gas	M22		✓	✓			•	•	•	•		

While we have made every effort to ensure that the information in this brochure is up to date and accurate, we do not accept responsibility for your reliance on the information contained herein. Please contact OLEO to obtain a controlled drawing. **These buffers are in development, contact OLEO to discuss your requirements.