



LB Series

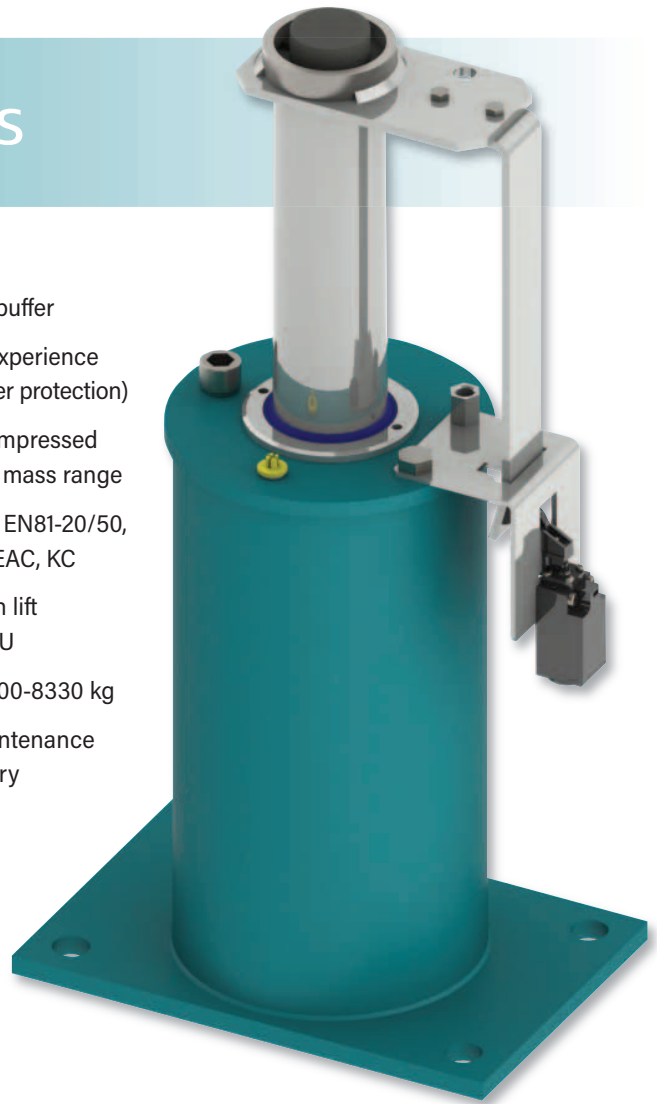
The LB buffer range incorporates gas spring technology to provide a premium and robust passenger safety solution for medium to high speed, high mass elevators.

The units are designed and manufactured according to strict engineering principles and are universally approved and globally certified.

LB buffers can be shipped in a compressed condition to save space and reduce transportation costs. The units have been installed into thousands of landmark buildings since they were introduced more than 30 years ago.

Product features

- Energy dissipation buffer
- Minimum G-force experience (increased passenger protection)
- Lowest possible compressed height for specified mass range
- Globally certified to EN81-20/50, ASME17.1, GB7588, EAC, KC
- Fully compliant with lift directive 2014/33/EU
- Wide mass range 500-8330 kg
- Self contained, maintenance free (except statutory inspections) unit
- Gas spring return
- All supporting documentation available online



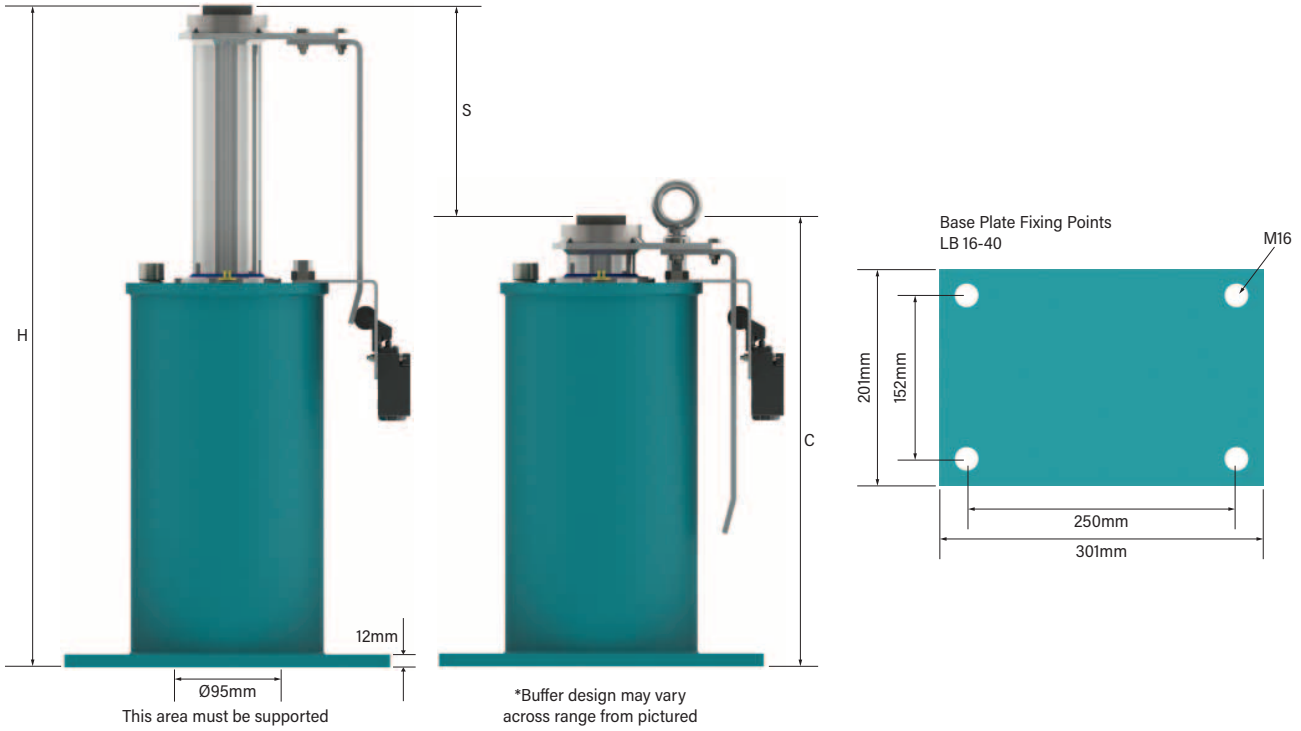
Model		LB 16	LB 18	LB 20	LB 25	LB 32	LB 35	LB 40
Rated speed	m/s	1.600	1.800	2.032	2.540	3.150	3.560	4.064
Impact mass range	Kg	500-8330	500-8330	500-8330	500-8330	700-8330	1000-8330	1000-8330

- Passenger
- Express
- Commercial
- Modernisation
- Freight
- Vehicle
- Special Applications



Model		LB 16	LB 18	LB 20	LB 25	LB 32	LB 35	LB 40
Stroke 'S' (min.)	m	0.2032	0.2489	0.2999	0.4619	0.6989	0.8809	1.1409
Height 'H' max. (extended)**	m	0.6166	0.7229	0.8389	1.2109	1.7059	2.1079	2.6929
Height 'C' min. (compressed)**	m	0.3973	0.4563	0.5213	0.7313	0.9893	1.2093	1.5343
Weight no oil (dry)	Kg	25.54	28.12	30.96	40.14	54.93	65.46	80.69
Oil volume	Litres	4.62	5.58	6.64	10.00	20.00	24.50	31.50

**The max and min figures provided take account of the extremes of the tolerance to provide absolute maximum and absolute minimum dimensions.



Range Overview

