

LKB Series Future-Ready Elevator Buffers

A new generation of buffers designed to reduce carbon impact while maintaining full compatibility with existing elevator systems.



The Next Generation of Elevator Buffers

The LKB Series is the evolution of the trusted LSB buffer range.

Engineered with sustainability and future regulation in mind, it provides the same proven safety performance while significantly reducing environmental impact.

Designed with full interchangeability, the LKB buffer fits directly into existing elevator designs without modification.

Designed for Tomorrow's Regulations

The LKB series supports the transition towards water-based energy absorption, reducing reliance on hydraulic oil and preparing elevator systems for future environmental standards.

Globally certified to EN81-20/50, GB7588, EAC, KC, CSA, CE and fully compliant with lift directive 2014/33/EU.



Lower Carbon
20% lower carbon emissions than
LSB Series



Future Ready
Designed for water-based operation



Direct Replacement
No installation changes required



Reliable Supply
Localised Manufacturing

Localised Global Manufacture

To strengthen supply, the manufacture of LKB buffers is being localised across multiple regions including;

- China
- India
- United Kingdom
- Germany
- Korea

Engineered for Sustainability

Lower Carbon. Smarter Materials.

Using fibre reinforced polymer construction, the LKB series significantly reduces embodied carbon while maintaining structural integrity.

Key Points

- ✓ 20% lower carbon emissions vs LSB
- ✓ Reduced Steel Usage
- ✓ No Welding or Painting Required
- ✓ Reduces Dependence on hydraulic oil

Easy Integration

Direct Interchangeability with LSB

The LKB series maintains the same installation dimensions and force path as LSB buffers

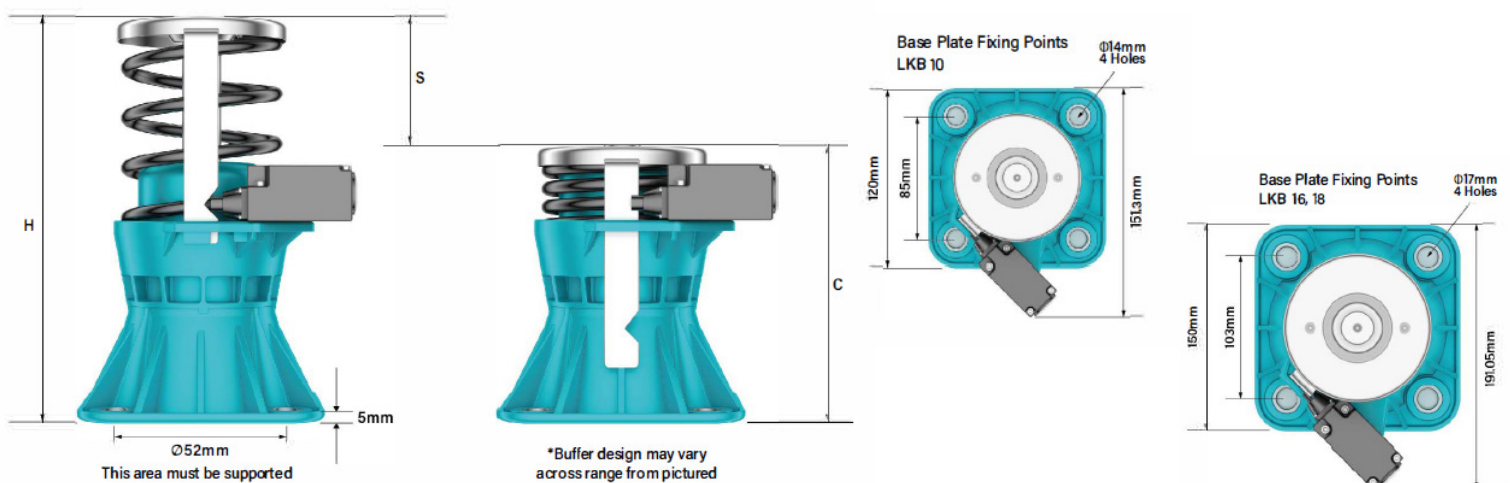
Benefits

- ✓ No Redesign Required
- ✓ Faster Installation
- ✓ Lower Engineering Cost
- ✓ Self Contained, Maintenance Free (except statutory inspections)
- ✓ Lowest Possible Compressed Height

LKB SERIES

Model	Stroke 'S' (min) mm	Height 'H' max (Extended) ** mm	Height 'C' main (Compressed) ** mm	Weight no oil (dry) kg	Oil Volume litres	Rated Speed m/s	Impact mass Range kg
LKB 10	73.0	222	146	2.884	0.26	1	380-3250
LKB 12	108	307	196	3.53	0.41	1.25	900-3250
LKB 16	173	481	307	5.25	0.53	1.6	900-3250
LKB 18	219	576	353	5.98	0.7	1.8	900-3250

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



Learn more about the LKB Series or contact one of our team about upgrading from the LSB

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