HSL Series

The HSL range of units was developed for ultra high speed elevators that are designed for the world's tallest and most prestigious buildings. The range is suitable for elevators travelling up to and in excess of 982 fpm (using approved speed limiting devices) and the buffers utilise a telescopic design to ensure space at the top and bottom of the elevator shaft can be used effectively.

The more compact design also makes the units ideal for use in premium modernisation projects where elevators with higher speeds are installed into buildings where space restrictions from the original installation remain in place.

The units are designed and manufactured according to Oleo's strict engineering principles and are approved and can be specifically certified to suit each project location.

Product features

- Energy dissipation buffer
- Minimum G-force experience (increased passenger protection)
- Lowest possible compressed height for specified mass range
- Wide mass range 8818-22046 lbs
- Gas spring return
- Multistage telescopic dissipation system
- Minimum possible extended height
- All supporting documentation available online

Model		HSL 58	HSL 72	HSL 87	HSL 101	HSL 115
Rated speed	fpm	1152	1427	1713	1988	2274
Impact mass range	lbs	88818-22046	88818-22046	88818-22046	12125-17637	12125-17637

Passenger

Express

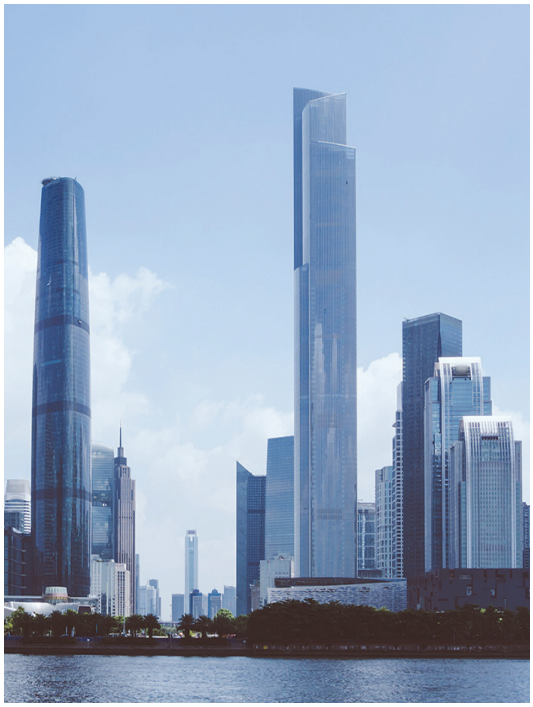
Commercial

Modernisation

Freight

Vehicle

Special Applications

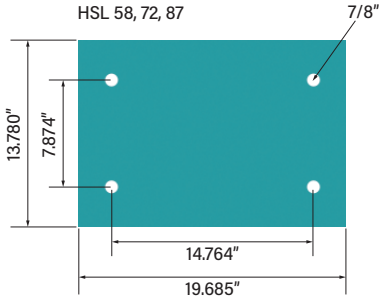


Model		HSL 58	HSL 72	HSL 87	HSL 101	HSL 115
Stroke 'S' (min.)	in	92.205	143.496	204.409	274.528	359.307
Height 'H' max. (extended)**	in	195.492	291.917	405.315	494.094	587.083
Height 'C' min. (compressed)**	in	99.311	144.693	204.075	164.685	224.453
Weight no oil (dry)	lbs	1717	2754	3197	6614	7710
Oil volume	US Gallons	25.89	38.04	54.68	72.65	129.44

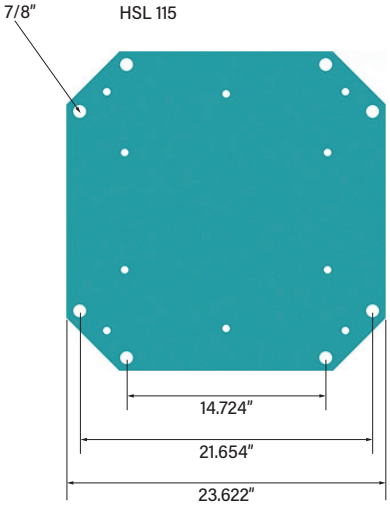
*Buffer design may vary across range from pictured

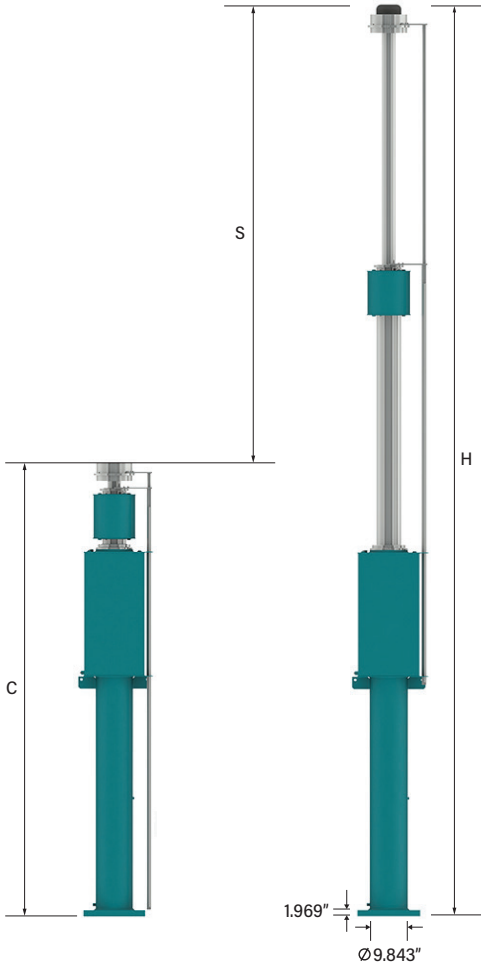
**The max and min figures provided take account of the extremes of the tolerance to provide absolute maximum and absolute minimum dimensions.

Base Plate Fixing Points
HSL 58, 72, 87



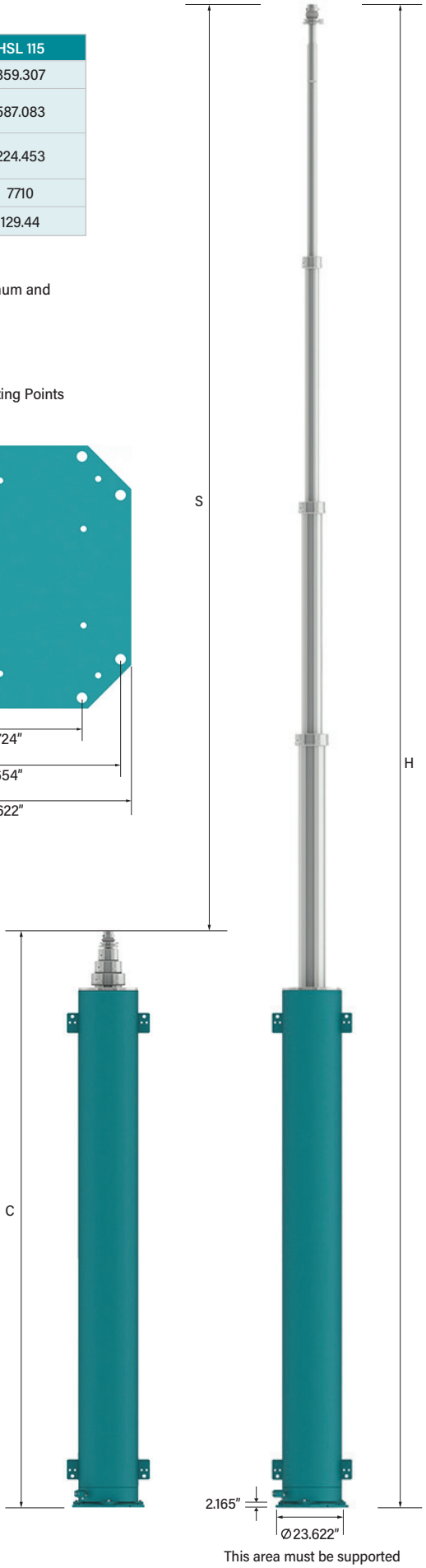
Base Plate Fixing Points
HSL 115





This area must be supported

HSL 72



This area must be supported

HSL 115