

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	





Express



Commercial



Modernisation



Freigh



Vehicle



Special Applications







Model MSL Se MSL 72 MSL 70 M								F	
Height Prince (generatery* in 195.692 291.977 405.315 494.094 587.083 (retained by 195.092) 1 446.685 294.675 164.685 224.453 (recompressed)* in 99.311 446.683 204.675 164.685 224.453 (recompressed)* in 199.311 446.685 224.453 (re			HSL 72		HSL 101	HSL 115		1	
Celementary 18		92.205	143.496	204.409	274.528	359.307		1	
Compressed of Part Service Ser	(extended)**	195.492	291.917	405.315	494.094	587.083			
Oil volume US Gallons 25.89 38.94 54.68 72.65 129.44 Julier design may vay across range from pictured The max and mining improved take account of the extremes of the tolerance to provide absolute maximum and baculus minimum dimensions. Base Plate Fieing Points 17.95 7/8 7/8 13.086° This area must be supported This area must be supported This area must be supported	(compressed)**	99.311	144.693	204.075	164.685	224.453			
auditer 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 brouldust minimum dimensions. Base Plate Fiding Points 135. 50, 77, 87 7/8 13,6889 This area must be supported This area must be supported This area must be supported									
The max and min figures provided take account of the extremes of the tolerance to provide absolute maximum and boolute minimum dimensions. Base Plate Fixing Points HSL 98, 72, 87 7/8 19,687 19,687 This area must be supported This area must be supported This area must be supported	Oil volume US Gallons	25.89	38.04	54.68	72.65	129.44			
$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	Base Plate Fixing Points HSL 58, 72, 87 14.764" 19.685"	ovided take accour s.	nt of the extreme		Base P	14.724" 21.654" 23.622"		S	
Ø9.843" This area must be supported This area must be supported		ē					2		
This area mast be supported		[↑] → Ø9.84						Ø23.62	
			be supported					inis area must be	σαμμοιτί