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## Kinesys Elevation Hoist Lodestar® Spec Sheet

🕒 Sep 27, 2025 Knowledge

### Title

Kinesys Elevation Hoist Lodestar® Spec Sheet

### URL Name

30461769629595-kinesys-elevation-hoist-lodestar-spec-sheet

### Summary ⓘ

### Details

## Kinesys Elevation Hoist Lodestar® Spec Sheet

### Key Features

- Variable-speed converted chain hoist to be used with an Elevation controller.
- Speed ranges from 0 to 6 m/min or 0 to 30 m/min.
- Lifting capacities from 500 kg to 2000 kg
- More configurations available on request.



### Description

The Kinesys-converted Elevation Hoist Lodestar® combines the lifting mechanism design of a CM chain hoist with the control of the Kinesys Elevation variable speed chain hoist system.

All hoists are fitted with double brakes, limit switches and an encoder. In conjunction with the Libra Cell load cell system, they can reach conformity with many of the world's most restrictive safety standards.

Hoists are available in US, China and European voltage variants and come in a wide range of sizes, speeds and lifting capacities.

Hoist are available in four models: JJ (two lifting speeds available, see below), LL and RR. This naming convention is taken from the original manufacturer (CM).

## Specifications

### Software Compatibility

Control System	TAIT Navigator and iQ
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### Electrical

Motor Phase	3-Phase + PE
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Operating Voltage	400 V
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Brakes	Double silent brakes
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Limit switches	4 adjustable limit switches
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### Connections

Power, Network	Multi-function Harting connector
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Compatible Controller	Elevation Drive
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### Mechanical

Max lifting speeds	JJ - 30 m/min & 21 m/min
	LL - 10.5 m/min
	RR - 6 m/min

Reeving options	JJ 30 m/min: Single only
	JJ 21 m/min: Single only
	LL: Single only
	RR: Single & Double

Entertainment Load Limit (ELL)	JJ 30 m/min: 500 kg (1100 lbs)
	JJ 21 m/min: 500 kg (1100 lbs)
	LL: 1000 kg (2200 lbs)
	RR: 2000 kg (4400 lbs)

### Construction

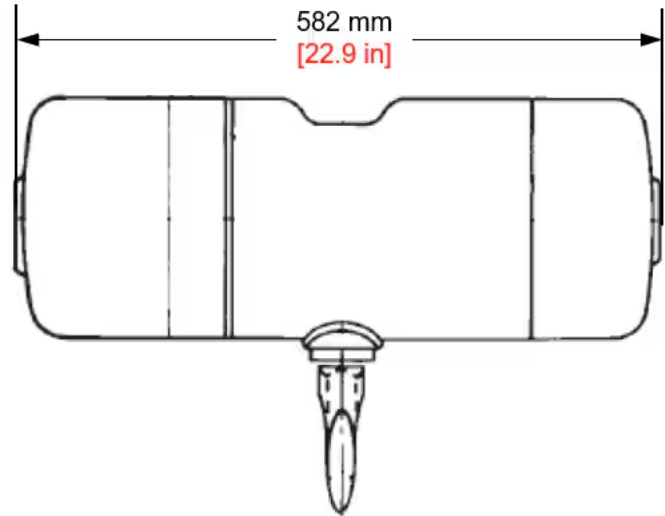
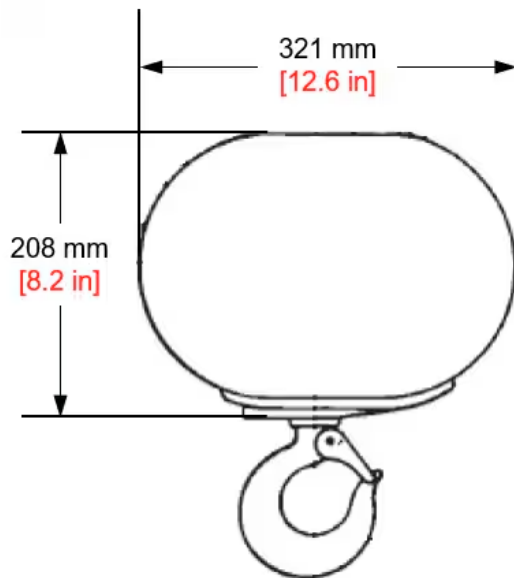
Dimensions, excluding cables, hook and chain (W x D x H)	321 mm x 582 mm x 208 mm (12.6 in
Hoist weight, excluding chain	JJ 30 m/min: 61 kg (134.4 lbs)
	JJ 21 m/min: 58 kg (127.9 lbs)
	LL: 58 kg (127.9 lbs)
	RR: 62 kg (136.7 lbs)
Chain weight	1.42 kg/m
Chain size	7.9 x 21.7 mm

### Characteristics

Ingress Protection	IP55
Temperature	Operating: 5 to 40°C (41 to 104°F)
	Storage: -20 to 80 °C (-4 to 175 °F)
Accessories	• Chain bag and attachment bracket
	• Load chain (black), length specified
	• Lift limiter
	• Chain, with latch lock mechanism
	• Hook or lug suspension assembly

## Dimensions

Front View	Side View
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## Still Have Questions?

If you have any questions at all--or if you're ready to rent--please contact us (<http://www.taittowers.com/contact/>). We look forward to hearing from you soon!

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