

KINESYS
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Kinesys Elevation Drive Spec Sheet

⌚ Sep 27, 2025 Knowledge

Title

Kinesys Elevation Drive Spec Sheet

URL Name

5600750904731-kinesys-elevation-drive-spec-sheet

Summary ⓘ

Details

Kinesys Elevation Drive Spec Sheet

Key Features

- 32A mains input and output connections – daisy chain operation possible
- Compact design and mounting holes allow for versatile installation options
- Robust multi-pin connector for hoist connections – includes motor, brake, limit switch and encoder connections
- Front panel buttons for local hoist control
- LED display and intuitive menu system for easy setup and operation
- SIL3 rated when used with Kinesys Mentor safety controller



Description

The Elevation Drive is a variable speed electric chain hoist controller capable of controlling hoists whose motors meet the correct specification. The Kinesys range of Elevation Hoists (CM, Liftket, GIS) can only be operated using an Elevation Drive.

The Elevation Drive has a robust aluminium casing with a wide range of fixing points and uses industry standard connections. Although designed to be used principally by a console, full variable speed manual controls are available on the front panel.

The Elevation Drive is equipped with custom position controller software that allows a high degree of positional and speed accuracy to be achieved. Several parameters within the software can be altered via the user interface provided by the LED display on the front of the unit.

When used in conjunction with a Kinesys Array PD-ES and Kinesys Mentor safety controller, the Elevation Drive complies with EN17206 SIL3.

Elevation Drives manufactured from 2023 onwards are designated the name "Elevation v2" and feature TAIT artwork on the outer casing. Units manufactured prior to this date are known as "Elevation 1+" controllers. Functionally and physically both variants are the same.

Specifications

Electrical

Supply voltage	208V or 400V nominal, 3-phase + neutral + earth, 50-60 Hz
Supply current	5A for 208V; 10A for 280V
Hoist connection	IEC 60309 32A 'Ceeform' type socket
Control connection	7-pin XLR connector with link out
Apex Hoist interface	Multi-function Harting connector
Communications network	RS485 specification

Construction

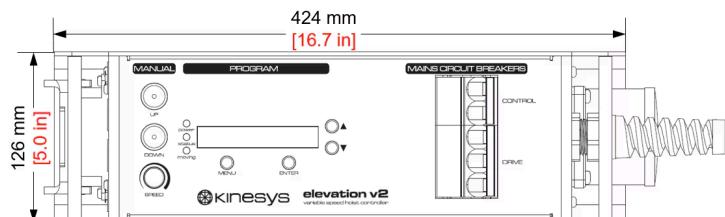
Dimensions, excluding cables and handles (H x W x D)	126 mm x 424 mm x 241 mm (5.0 in x 16.7 in x 9.5 in)
Total weight	9.5 kg (20.9 lbs)

Characteristics

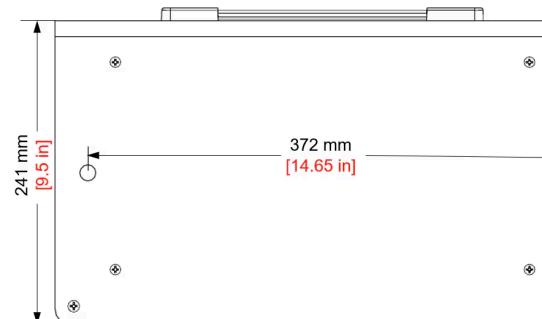
Enclosure	Aluminum, black powder coat finish Carry handles (front and rear)
Temperature	Operating: -10 to 55°C (14 to 131°F) Storage: -20 to 80 °C (-4 to 175 °F)
Ingress Protection	IP40

Dimensions

Front View



Side View



Still Have Questions?

If you have any questions, please contact us (<http://www.taittowers.com/contact/>). We look forward to hearing from you soon!

Disclaimer: These specifications are general guidelines only and may not be appropriate for your particular project. All product specifications and Data are subject to change without notice. Data, performance features, and images may vary from the final project quote. Issue date: 2021.05.24. Copyright 2021 TAIT Towers Manufacturing, LLC. All rights reserved.

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