ELL HOIST | 250 kg | DC (Direct control)



Line	**ELL- Electric Chain Hoist**
Type	**ELL Hoist DC - 250 kg UC1-UC2 | D8 Plus**
Model	**ELL-250-DC-003**

The ELL™ 250 kg electric chain hoist is a ready-to-use, fully compliant EN 17206 UC1-UC2 and D8 Plus lifting machinery, with TÜV certification for applications within the event industry.

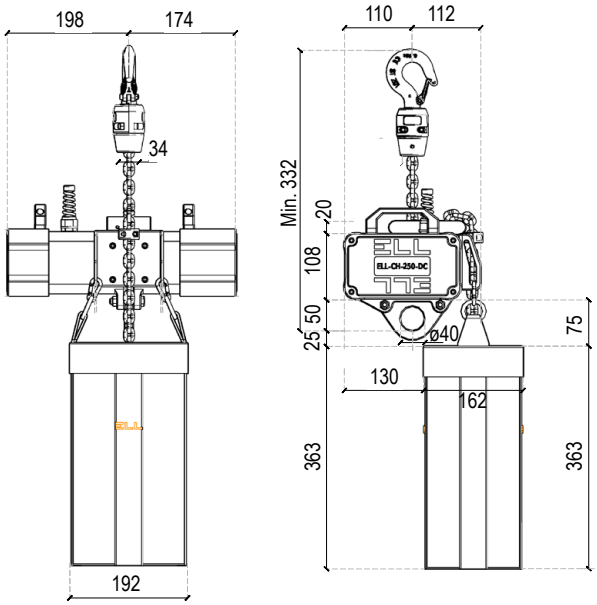
It features all of the requirements for UC1-UC2 machinery, such as a drive mechanism designed for twice the characteristic load, an 8:1 SF black phosphate load chain, a dual braking system, and embedded logic for the collection of functional logs (load recording, operational hours counter, encoder limit switches, access to machinery specifications and documentation, etc.).

It is the first ready-to-use, fully furnished, UC1-UC2 electric chain hoist available in the industry with certification for advanced rigging application

KEY FEATURES

- ELL Capacity: 250 kg capacity – TUV certification.
- Load Chain: Black Phosphate DAT load chain with 8:1 safety factor.
- Brakes: Dual independent electromagnetic brakes.
- Cables: Power cable fitted with CEE form connector.
- PhaseLock™ Protection: Automatically stops the hoist upon phase loss.
- Onboard Data Logging: Records operational runtime, total plug-in time, and individual brake on/off cycles. Records event timestamps when fitted with an SD card.
- Instant Digital Documentation: Direct QR/NFC tag access to user manuals, Declarations of Conformity, technical datasheets, and maintenance logs.
- Cloud Logbook: Automated inspection and maintenance history stored in the ELL cloud database.
- Optional Connector Tails: Pre-wired Load Cell Tail or M12 Multi-Pin Tail (enables "Move to Position" capability).
- Brake Testing: Using an external Brake Box, operators can test the primary and secondary brakes independently without opening the hoist covers or touching internal wiring.

DIMENSIONS



SPECIFICATIONS

Model	ELL-250-DC-03	**Chain Falls**	1
Standards	UC1-UC2 - EN 17206 | D8 Plus - SQ P2	**Chain Type**	DAT
Capacity	250 kg	**Chain Characteristic**	Black Phosphate
Lifting Speed	4 m/min	**Chain Weight**	0.54 kg/m
Motor	3-phase induction motor, 50-60 Hz	**Chain Suspension**	Latch Chain Hook
Motor Absorption	0.18 kW	**Body Suspension**	Lifting plate/bracket
Voltage	400V - 50Hz - 3PH	**Dimensions (W x H x L)**	123 mm x 108 mm x 363 mm
Classification	M5 (2M)	**Weight (no chain)**	13.8 kg
Duty Cycle	40%	**Handles**	2 rigid, ergonomically designed handles
Protection Level	IP66	**Chain Guide**	Special design nylon plate
Chain Size	5 x 15 mm		

The specifications provided in this data sheet are intended as a general reference only. All product data, specifications, performance features, and images may be subject to change without prior notification. Final confirmed data, features, and pricing will be exclusively detailed within the formal quote or official contract documentation.

EVENT LIFTING LIMITED

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