

## 6.3 ton Electric Wire Rope Hoist H4 Duty



### Key features

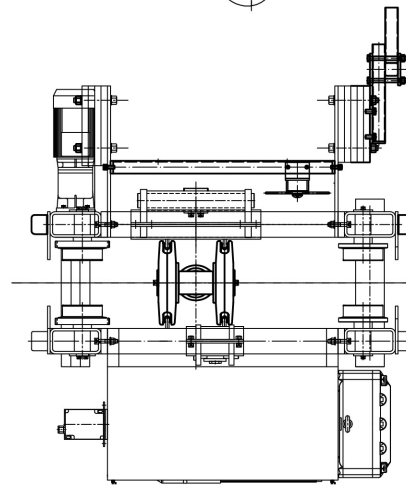
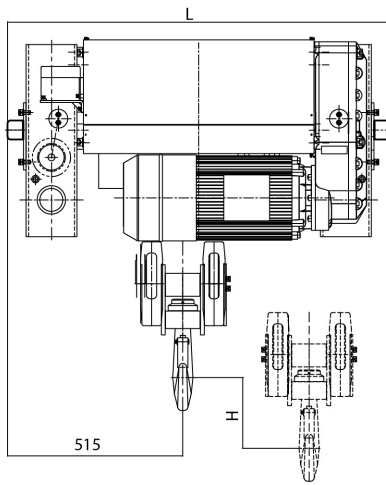
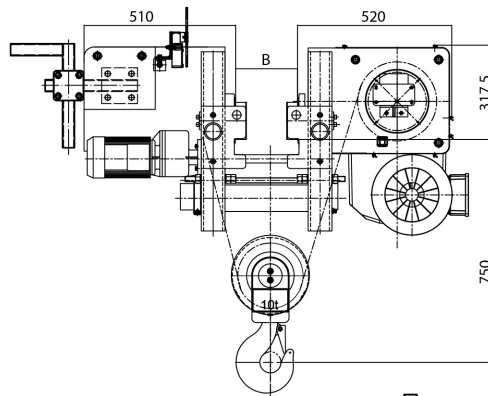
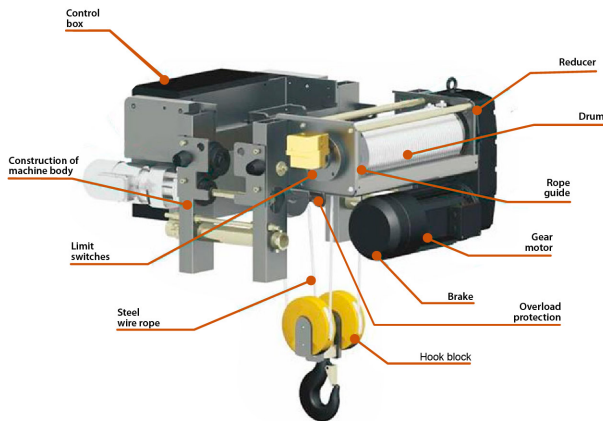
- Load Capacity: 6.3 tons (13,860 lbs), designed to handle substantial lifting tasks with confidence.
- Duty Rating: H4 Duty, ensuring durability and performance for high-frequency, demanding operations.
- Application: Ideal for industrial environments where heavy lifting and frequent use are required.
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Wire Rope Hoist Description

The 6.3-ton electric wire rope hoist, designed for H4 duty, provides robust lifting capability for heavy-duty applications. Engineered for durability and reliability, this hoist is ideal for demanding industrial environments, ensuring smooth and efficient operation for lifting and transporting heavy loads.

## Technical Specifications

<b>Rated Load Capacity</b>	6000 kg / 13 889 lb	<b>Hoist Motor Power</b>	Sew Eurodrive DRS132M12
<b>Standard Lifting Height</b>	40 ft / 12 m	<b>Hoist Reducer</b>	Sew Eurodrive G77
<b>Speed (f/m) / min</b>	2.62 - 16.4 ft/min / 0.8 - 5 m /min	<b>Transmission / Reducer Type</b>	Sew Eurodrive G77
<b>Number of Speeds</b>	2 Speed	<b>Gear Ratio</b>	87.32
<b>Voltage</b>	3 Phase 380/440~480V 50/60Hz	<b>Wire Rope</b>	Ø 8.8 mm K19S IWRC 2160
<b>Available Voltages</b>	380v 50hz	<b>Humidity</b>	<85%
<b>Total Power Watts</b>	1.0 - 6.1 kW	<b>Temperature</b>	-4°~104° F / -20°~40° C
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Trolley Reducer</b>	SEW Eurodrive RF17
<b>Motor AMP</b>	12.7 A (@ 380v)	<b>Trolley VFD</b>	SEW Eurodrive DRN71M4
<b>Motor RPM</b>	2930 / 470 rpm (@50hz)	<b>Trolley Power</b>	0.37 ~ 0.64 kW
<b>Motor Brake</b>	Sew Eurodrive BE5 Electromagnetic Release Brake >125%	<b>Noise Level</b>	82 dB
<b>Insulation Grade</b>	F	<b>Trolley Speed /min</b>	16 ~ 65 ft/min. / 5 ~ 20 m/min
<b>IEC Motor Protection</b>	IP55	<b>Trolley Number of Speeds</b>	2
<b>IEC Electric Control Box Protection</b>	IP65	<b>I-Beam Width Range</b>	7.9~13.7 in / 200~350 mm
<b>Variable Fequency Driver</b>	Schneider VFD	<b>Accessories</b>	Overload Protection, Siren, Beacon
<b>Dynamic Brake</b>	Included	<b>Standards Compliance</b>	ASME HST-4 , ASME B30.16 , B30.17 , EN14492-2 , EN60204-32
<b>Control</b>	Pendant Control and Remote Control Telecontrol F24-6D	<b>Warranty</b>	3 Year
<b>Control Voltage</b>	48V		



**DRIVE TECHNOLOGY**

SEW Eurodrive high performance Motor, reducer and brake. Compact design, light weight, low energy consumption, low noise and eco-friendly design. Electromagnetic brake disc. (Asbestos-free). Long Service life and easy maintenance.



**OVERLOAD PROTECTION**

Load Cell connected to a Limit Relay (Adjustable) to avoid overloading of the hoist.



**WIRE ROPE GUIDE**

Helps the winding of the rope on the drum. Light weight and highly resistance. Design to reduce friction on the wire rope and avoid premature wear.



**HIGH-PERFORMANCE WIRE ROPES**

High-performance wire rope with tensile strength up to 2160Mpa. Galvanized surface and high flexibility to ensure long service life.



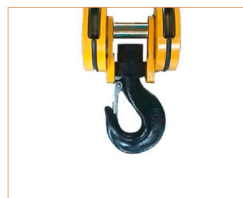
**DRUM**

Q345 steel, seamless grooved drum. Design to fulfill FEM and ASME standards and ensure a safe operation.



**LIMIT SWITCHES**

High precision adjustable height limit switches, for all movements of hoist and trolley.



**LIFTING HOOK GROUP**

DIN standard lifting hook with safety clasp. Forged by the high-strength material of T grade.



**CONTROL BOX**

Electric Control box with Schneider Inverter, Eaton contactors and components. Compact design, easy access, IP65 Enclosure.

## Unit Weight & Dimensions

<b>H Minimum Headroom</b>	596 mm
<b>Drum BD Barrel Diameter (58)</b>	190 mm
<b>A Total Height</b>	846 mm
<b>X Wheels Diameter</b>	100 mm