

10 ton Electric Wire Rope Hoist H4 Duty



Key features

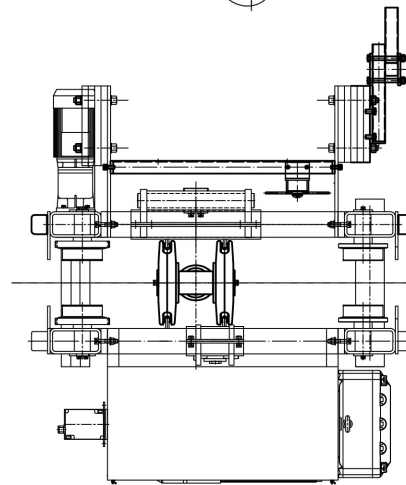
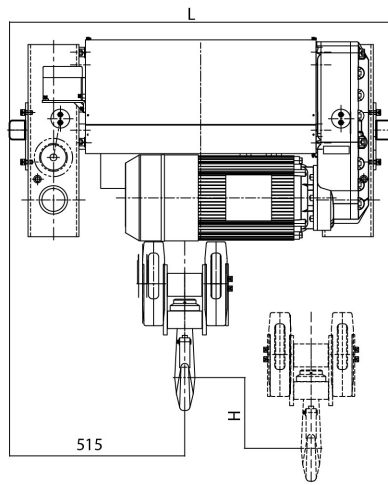
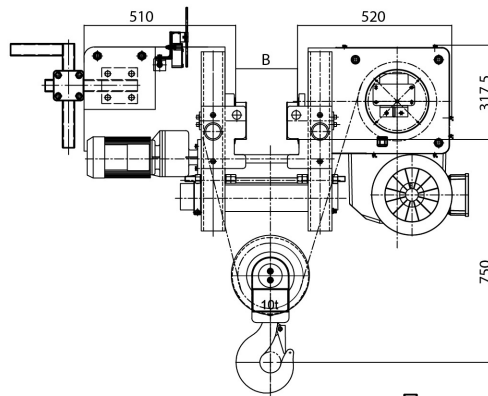
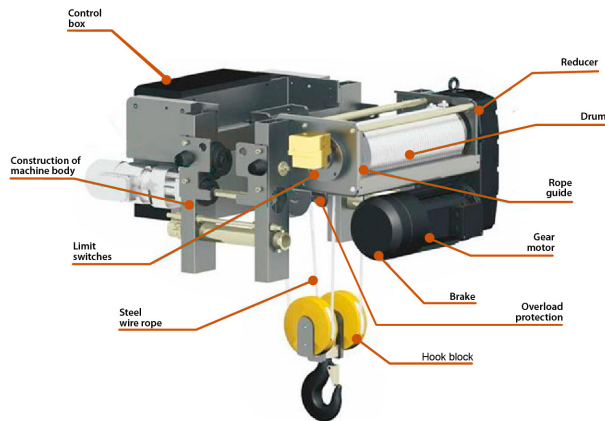
- Load Capacity: 10 tons (22,000 lbs), suitable for lifting and handling heavy loads.
- Duty Rating: H4 Duty, designed for high-frequency and heavy-duty operations.
- Construction: Built with robust materials and engineering to ensure durability and reliability in demanding environments.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Wire Rope Hoist Description

Our 10 Tons Electric Wire Rope Hoist Class M5/H4 have a compact structure, light weight but high strength, precise positioning to improve the working efficiency. Modular design and multiple options can meet various demands of customers. High quality mechanical & electronic components can ensure good working performance. Low operation cost, green energy and environment friendly. Safe and reliable, running monitoring simple and convenient maintenance with high production efficiency improved by precise positioning.

Technical Specifications

Rated Load Capacity	22000 lb / 10000 kg	Hoist Motor Power	Sew Eurodrive DRS160M12/2
Standard Lifting Height	40 ft / 12 m	Hoist Reducer	Sew Eurodrive G97
Speed (f/m) / min	2.62 - 15.4 ft/min / 0.8 - 4.8 m/min	Transmission / Reducer Type	Sew Eurodrive G97
Number of Speeds	2 Speed	Gear Ratio	152.74
Voltage	3 Phase 380/440~480V 50/60Hz	Wire Rope	Ø 11 mm K19S IWRC 2160
Available Voltages	460v 60 hz	Humidity	<85%
Total Power Watts	1.5-9.5 kW	Temperature	-4°~104° F / -20°~40° C
Duty Class	H4/M5/2m/Class D	Trolley Reducer	SEW Eurodrive RF27
Motor AMP	22.3 A (@ 460v)	Trolley VFD	SEW Eurodrive DRN80M4
Motor RPM	3420 / 552 rpm (@60hz)	Trolley Power	0.75 kw
Motor Brake	Sew Eurodrive Electromagnetic Release Brake >125%	Noise Level	82 dB
Insulation Grade	F	Trolley Speed /min	16 ~ 65 ft/min. / 5 ~ 20 m/min
IEC Motor Protection	IP55	Trolley Number of Speeds	2
IEC Electric Control Box Protection	IP65	I-Beam Width Range	7.9 ~16.2 in / 200 ~ 410 mm
Variable Fequency Driver	Schneider VFD	Accessories	Overload Protection, Siren, Beacon
Dynamic Brake	Included	Standards Compliance	ASME HST-4 , ASME B30.16 , B30.17 , EN14492-2 , EN60204-32
Control	Pendant Control and Remote Control Telecontrol F24-6D	Warranty	3 Year
Control Voltage	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.



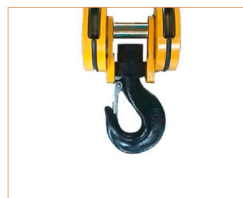
DRUM

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

H Minimum Headroom	750 mm
Drum BD Barrel Diameter (58)	268 mm
A Total Height	1070 mm
X Wheels Diameter	125 mm
Total Unit Weight	1764 lbs / 801 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	1764 lbs / 800 Kg
Package 1 Width	78 in / 198.12 cm
Package 1 Gross Weight	1984 lbs / 900 Kg
Package 1 Height	70 in / 177.8 cm
Package 1 Length	45 in / 114.3 cm