



WIRE ROPE HOISTS



- Modular construction allowing 36 types from 4 basic units.
- 13 to 80 fpm lifting speed.
- Anti drop safety device on hook block.
- Low voltage control circuit.
- Manual, electric and low height trolleys.

36 types with capacities up to 16000 kg

Technical features

Modularity: 36 types of hoist with different capacities and speeds derived from 4 basic sizes.

Capacity: from 500 to 16.000 kg/daN.

Electric equipment: the low voltage control equipment, if required, is incorporated in the hoist. Realized with contactors for the motor drive and with line contactors.
The control is effectuated through a pendant push button panel, completely sealed and connected to a rapid switch by connector.

Motor: self-braking, tapered rotor with self-adjusting braking. The axial movement of the tapered rotor guarantees an accurate and stable braking.
The external position allows easy maintenance and a high level of cooling.

Bottom block: extremely compact realization with return pulley in throat profile turned steel mounted on permanently lubricated bearings. The hook in high resistant forged steel, mounted on a transverse, oscillating and turning on thrust bearings, is provided with an anti-drop safety device.

Pressure rope-guide: consisting of a threaded ring of ductile cast iron, self-lubricating, on which the rope-guide sector is fixed, so as to allow a safe winding of the rope itself.

Lifting speed: a vast range is available, from 4 to 24 m/min. All hoists may be fitted, even successively, with creep speeds for micrometric positioning. The realization of the second speed is obtained by application of a supplementary self-braking motor reducer, which commands the shaft of the main motor. The ratio between the two speeds is 1:8 standard.
On request, creep speeds with ratios 1:6 - 1:12 - 1:16 - 1:24 can be supplied.