

MODEL 500-B ELECTRIC HOIST SPECIFICATIONS

Model 500-B electric hoist comes with a $\frac{3}{4}$ " H.P. 115 v. single phase instant reversible motor. A rotary type limit switch controls both the raised and the lowered positions. A heavy duty worm gear winch holds the load in any position. Gears are precision machined bronze alloy worm gear and induction hardened and ground steel worm fully enclosed and factory lubricated. The cable drum is grooved for even cable wrap. A 115 v. power source and (3) wires to key control switch required at hoist (to be furnished by others). The Goal Tender wireless remote control system may be substituted for the key switch, which would eliminate the need for control switch wiring.

Consult factory for safety alarm systems.

Construction:

1st state reduction is accomplished through V belt and steel pulleys from motor to the winch gear box. The worm gear reduction to winch drum is 40 to 1, which drives the drum at 8.4 RPM. All gear boxes are factory lubricated and ready to use. 115 v. input voltage is reduced to 24 v. with a transformer for activating relays with either the key switch or Goal Tender transmitter. A rotary type limit switch in the 24 v. circuit stops hoist at both raised and lowered positions of the basketball backstop. The full load running amperage of the $\frac{3}{4}$ H.P. motor is 8.4 amps with permanent split capacitor offering low inrush amps. The motor has instant "plug-reversing" with simple three wire connection and no internal mechanical switch. Approximate cable wrap is 5.25 feet per minute, using $\frac{1}{4}$ " cable. Electric hoist comes with a wiring diagram and instruction labels adhered to the control box. Model 500-B electric hoist is furnished with NEMA 56 frame.

Full drum capacity ($\frac{1}{4}$ " cable): approx. 60 ft.

Full load capacity (single line pull): 1000 lbs.

Model B-500 mounting brackets are normally furnished for attachment to $3\frac{1}{2}$ " O.D. pipe and hoist may be mounted upright or inverted. Hoist may also be directly mounted to beams or walls by bolting directly through 500-B flat mounting plate where the mounting brackets attach.

See wiring diagram for key switch or Goal Tender operation.