



Richards-Wilcox

Engineered For Life

**DYNA-HOIST
DC SERIES**

DC 500-100 SPEC SHEET



Dyna-Hoist DC 500-100 Direct Drive

The direct drive operator shall consist of a DC electric motor directly coupled to a hollow shaft (30:1 reduction) worm gear reducer designed to install over keyed door shaft. Continuous duty 0.5 HP, 90 V DC, 1750 rpm motor, the operator shall be suitable for 110 to 240 V, 1 PH, and 60 Hz power supply. The operator shall have integral absolute encoder to control the door travel.

The operator shall have 24 V, 5 amps back-up battery pack and 3/8" ratchet socket to accept and crank for manually operating the door in case of power failure.

Programmable wall mountable UL325 compliant NEMA 4X control panel with LCD display and OPEN-CLOSE-STOP buttons on cover, 24V DC control voltage, containing the back-up battery pack to operate the door in case of power failure, logic circuit board. Pulse with modulation programming to provide soft-start soft-stop, dynamic brake and speed control. Cycle counter, dual upper limit for partial opening, time delay on reverse and programmable close timer, terminal blocks for external activating and reversing devices.

Photo Cell: NEMA 4 photo cell for mounting across the opening wired to reverse the door closing in case it detects an obstruction.

Safety Edge: (Optional) Wireless, Featheredge on the leading edge of the bottom section wired to reverse the door closing in case it detects an obstruction.

Remote push button station: (Optional) NEMA 4, three buttons OPEN-CLOSE-STOP push button station for remote location.

Maximum Recommended Counter balance Sectional Door size: 200 square feet

RICHARDS-WILCOX GARAGE DOORS

5100 Timberlea Boulevard, Mississauga, Ontario Canada L4W 2S5

Toll Free: 1 (800) 667-1572 | Tel: (905) 625-0037 | www.rwdoors.com