

Model DJ Specifications

Standard Features

Motor: Continuous-duty, high starting torque motor with instant reverse and overload protection. Available in 1/3 and 1/2 H.P.; single or three phase. Capacitor start on single phase. Motor removable without affecting limit switch settings.

Door Lock Sensor: The adjustable Door Lock Sensor can detect if the door lock is engaged and will stop the operator eliminating jamming and damage to the door or operator. There is no longer any need for wiring guide-mounted interlocks.

Drive Reduction: First stage heavy-duty 5L V-belt; second and third stages #48 chain; #50 drive chain.

Emergency Manual Operation: Model DH provides easy emergency manual operation using an electrically interlocked floor level disconnect and chain hoist mechanism.

Wiring Type: D1, D, C2 and B2 wiring types are all available. D1 wiring is standard and is pre-wired to accept a photoelectric control, sensing edge, radio controls and most types of access control devices.

Positive Locking Mechanical Brake System: Efficient self-locking mechanical reduction system that functions as a holding brake.

Friction Clutch: Adjustable friction clutch helps protect against major damage to door and operator should the door meet an obstruction.

Pushbutton Station: 2-button station for open/close functions is standard with D or D1 wiring. 3-button station is standard with B2 or C2 wiring.

Control Circuit: 24V NEC Class 2.

External Radio Control Terminal: External terminals provide quick, convenient connections for radio controls.

Construction: NEMA 1 type electrical box, heavy-duty 11-gauge steel frame with durable baked-on powder coat finish, all reduction sprockets drilled and pinned to shafts.

Bearings: Industrial ball bearings on a 1" output shaft; heavy-duty, oil filled iron bearings on reduction shafts.

CONTROL ACCESSORIES AND OPTIONS

2 Position Keylock: (Flushmount) Ideal for use with the DH Operator. Provides OPEN/CLOSE operation with spring to center (Model 02109).

Sensing Edge: Designed to sense an obstruction and signal door operator to stop or reverse as desired. Either an electric or pneumatic sensing device can be added to bottom edge of door. Requires D1, C2 or B2 wiring type.

Brake: Heavy-duty solenoid actuated brake.

Radio Control: Universal transmitters and receivers are available to signal the operator to open and/or close door. Requires C2 or B2 wiring type.

CPS™ Commercial Protector System: (Recommended) An inexpensive “non-contact” photo safety sensor designed to sense an obstruction and signal the door operator to reverse to open.

- Safety of a non-contact infrared reversing sensor
- Fast and easy-to-install
- Patented electrical interface monitors system status at all times
- LED indicators for quick alignment
- One size fits all (for doors up to 30 ft. wide)
- Requires D1, C2 or B2 wiring type