



PRO-GH INDUSTRIAL WORM GEAR JACKSHAFT OPERATOR OPERATOR WITH CHAIN HOIST

Suggested Architect Specifications

Standard Features:

Model: Pro-GH. Related work: Door preparation, miscellaneous or structural metal work, field electrical wiring, wire, conduit, fuses and disconnect switches are in the scope of work of other divisions or trades.

Product: Supply Model Pro-GH. Commercial/Industrial, worm gear jackshaft operator(s) rated ___ HP, ___ Volts, ___ Phase, 60Hz.

General: Provide CSA-listed electric door operator assembly of size and capacity recommended by door manufacturer; complete with electric motor and factory-prewired motor controls, worm-gear reduction unit, solenoid operated brake, conduit and wiring from control to motor and accessories required for proper operation.

Electric Motor: Motor shall be high starting torque, continuous-duty, industrial type, protected against overload by an external thermal overload device.

Motor Starter, Controls, Enclosures: Motor starter shall be an across-the-line, mechanically interlocked, magnetic reversing contactor. Motor starting device shall be enclosed in a NEMA 1 enclosure and integral with the operator. Control enclosures shall conform to ANSI/NEMA ICS6. A NEMA Type 1 OPEN/CLOSE/STOP control station shall be provided as standard equipment.

Frame and Reduction: Speed reduction shall be wormgear-in-oil-bath reducer. Shall provide a 45:1 speed reduction. Door drive shall utilize #50 roller chain and sprockets. Operator shall be capable of driving the door at a speed of approximately 6 to 10 inches/sec.

Emergency Operation: Shall be equipped with an electrically interlocked floor level disconnect and universal chain hoist for manual operation.



Solenoid Brake: Electric solenoid actuated brake to stop the motor and hold the door in position.

Limit Switches: Fully adjustable, driven linear type limit switch mechanism shall synchronize the operator with the door. Low friction limit nuts fitted on threaded steel shaft, rotating on oil-lite self-lubricating bronze bushings. The motor shall be removable without affecting the limit switch settings.

Execution: Install the motor operator in accordance with All-Rite instructions and standards and in compliance with applicable federal, state, provincial or local regulations.

Warranty: All-Rite warrants that its operators shall be free of any defect in materials and workmanship for a period of 2 years.