



Lynx Industries Inc.

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MODELS GHO-EX AND GHOC-EX EXPLOSION PROOF WORMGEAR AND JACKSHAFT COMMERCIAL-INDUSTRIAL OPERATOR



MODELS GH0-EX AND GH0C-EX EXPLOSION PROOF WORMGEAR AND JACKSHAFT COMMERCIAL-INDUSTRIAL OPERATOR

STANDARD FEATURES AND SPECIFICATIONS

MOTOR EXPLOSION PROOF

3/4 H.P., 120 or 240 volt, single phase.
1/2, 3/4 and 1 H.P., 208-230-416-460-575 volts, three phase.
All with overload and underload protection.

BUTTON CONTROL EXPLOSION PROOF

3 button control may stop door at any position and open or close door from any stopped position.

LIMIT SWITCHES

Oil impregnated screw type cams activate precision type micro switches for up or down positions. Easily adjusted to door travel.

REDUCTION SYSTEM

40:1 ratio heavy duty speed reducer. Gears are enclosed in alloy cast iron housing and run in oil bath. No. 50 chain and sprockets provide final drive from operator to door.

DISCONNECT DEVICE

Wall mounted locking lever allows hand chain hoist to be engaged. Door may then be worked manually in the event of a power failure. A safety switch cuts power to operator when chain hoist is operated.

CHAIN HOIST

Heavy duty chain guides give hoist precise support. A 3/4" shaft provides additional strength. Chain hoist may be interchanged from the left or right side of operator without a tool.

SOLENOID DISC BRAKE

Prevents door from coasting after stop button is activated and will lock door in open or closed position. This new and unique automatic adjusting disc brake is constructed entirely of galvanized steel which will prevent rust and disc pad contamination. Long lasting pads are made of 3/16" thick brake block material and can be easily changed by removing one bolt.

OTHER PRODUCTS

Lynx Industries Inc. manufactures a complete line of steel doors (entry, interior, garage) and related products under the Ambassador[®] trademark.

DRIVE SHAFTS

1" dia. shafts extending 3" on either side of the operator allow for numerous drive sprocket (50 B 12) positions. Shafts are supported in speed reducer by precision high speed bearings running in oil bath and reinforced by flange ball bearings fixed to operator chassis. These removable bearings can be changed easily.

CONTROL BOX

Control box explosion proof made from copper-free cast aluminum with removable cover. Designed for Cema 7 C, D and 9 E, F, G standards.

OIL LEVEL GAUGES

2 oil level windows are provided for reducer whereby visibility is assured regardless of mounting position (shelf or side). Oil plug is located for easy access.

RELAY

Heavy duty 3 pole reversing contactor.

OPERATOR CHASSIS

Constructed of 1/8" (3.2 mm) thick steel with 2 mounting angles made of 2" x 2" x 3/16" thick x 16" length angle iron. Mounting angles are removable from operator and may be turned in or out depending on mounting specifications.

CONTROL CIRCUIT

24 V.A.C. for users' safety and protection.

MAXIMUM DOOR HEIGHT

30'0" (9.1 m)

SIDEROOM REQUIREMENT AND MOUNTING

14-1/2" minimum. Operator designed for all mounting positions and specifically for 6" I beams.

OPTIONAL

SLIP CLUTCH

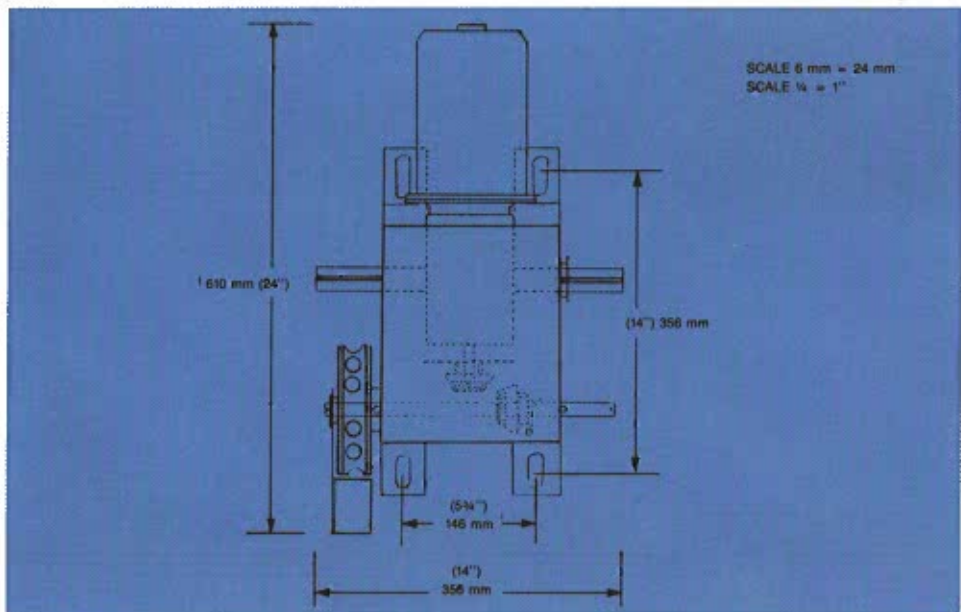
Built into heavy duty speed reducer provides safe operation of door throughout opening and closing cycles. This torque limiting clutch runs in an oil bath and can easily be adjusted in the field from 0 to 800 lbs/foot. Order model GH0-C.

MOUNTING ANGLES

Other sizes available on request.

WIRING

Available for safety stop, safety reverse, photo cell, Miller Edge or timer, upon request.



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