Heavy-duty jackshaft garage door operator for rolling steel curtain doors.

**RATINGS**
- Maximum duty cycle: 35 cycles per hour, 100+ cycles per day
- Maximum door height: 24 feet
- Shipping weight: 110 lbs.

**FEATURES**
- Floor level disconnect and chain hoist with interlock for manual door operation
- Manual operation will not affect limit switch settings
- All Steel frame
- Adjustable friction clutch
- 3/4" Shifting and 1" Jackshaft
- Pillow block bearings on output shaft
- #41 Chain and Sprocket, 1/3 & 1/2 HP
- #40 Chain and Sprocket, 3/4 & 1 HP
- Solid state (up to 3/4 HP) or electromechanical control circuit
- Solenoid brake standard
- Motor overload protection
- Wired to accept reversing devices
- Internally adjustable limit switches
- High starting torque, continuous duty motor
- 24-Volt control circuit with OPEN, CLOSE and STOP push button station
- OPEN button (and single button) will automatically override down travel and reverse door to the full open position
- External terminals for single button (residential type) radio control

**FACTORY OPTIONS**
- Solid state controller: Add S to model number
- MVP-MR 3-channel open-close-stop modular receiver installed (on solid state controller model only): P/N 2650-159
- MVP-RE-24V-8W-FC 1-door open-close-stop receiver (for electromechanical controller model only): P/N 190-110554

**WARRANTY**
- 2 years

### AUH SERIES

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### DOOR TYPE MAXIMUM DOOR AREA (SQ. FEET)

<table>
<thead>
<tr>
<th>Door Type</th>
<th>Maximum Door Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>fiberglass</td>
<td>330</td>
</tr>
<tr>
<td>steel-24 ga.</td>
<td>310</td>
</tr>
<tr>
<td>aluminum</td>
<td>280</td>
</tr>
<tr>
<td>steel-16 ga.</td>
<td>195</td>
</tr>
<tr>
<td>steel-16 ga. insulated</td>
<td>145</td>
</tr>
</tbody>
</table>

### MODEL HP VOLTAGE & PHASE

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Voltage &amp; Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUH3311</td>
<td>1/3</td>
<td>115V 1P</td>
</tr>
<tr>
<td>AUH3321</td>
<td>1/3</td>
<td>230V 1P</td>
</tr>
<tr>
<td>AUH3323</td>
<td>1/3</td>
<td>230V 3P</td>
</tr>
<tr>
<td>AUH3343</td>
<td>1/3</td>
<td>460V 3P</td>
</tr>
<tr>
<td>AUH5011</td>
<td>1/2</td>
<td>115V 1P</td>
</tr>
<tr>
<td>AUH5021</td>
<td>1/2</td>
<td>230V 1P</td>
</tr>
<tr>
<td>AUH5023</td>
<td>1/2</td>
<td>230V 3P</td>
</tr>
<tr>
<td>AUH5043</td>
<td>1/2</td>
<td>460V 3P</td>
</tr>
<tr>
<td>AUH7511</td>
<td>3/4</td>
<td>115V 1P</td>
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<tr>
<td>AUH7521</td>
<td>3/4</td>
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<td>AUH7543</td>
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<tr>
<td>AUH10023</td>
<td>1</td>
<td>230V 3P</td>
</tr>
<tr>
<td>AUH10043</td>
<td>1</td>
<td>460V 3P</td>
</tr>
</tbody>
</table>
ORDERING INFORMATION:
SUPPLY __________ LINEAR OPERATOR(S) MODEL A U H __ __ __ S ______________________
WITH A MOTOR RATING OF __________ HP, __________ VOLTS, _____ PHASE, _____ HERTZ
FOR A __________ WIDE X __________ HIGH DOOR(S) WITH ______________________________________
SUPPLY _______ OPEN-CLOSE-STOP CONTROL STATION(S) IN NEMA _______ ENCLOSURE PER OPERATOR
______________ DRIVE SPROCKET ______________ DOOR SPROCKET
AUXILIARY AND OPTIONAL EQUIPMENT AS SPECIFIED BELOW OR ON ATTACHED SHEET:

ARCHITECTURAL SPECIFICATIONS (HOIST):
Electric door operator(s) shall be Solid State Control Model AUH of the jackshaft hoist type, manufactured by Linear LLC and Underwriters Laboratory (UL) listed. Horsepower, voltage and phase will be as required to properly operate the door. Operators will be equipped with two-stage speed reduction (V-belt primary and roller chain and sprocket secondary) and an adjustable slip clutch. A floor level disconnect device with chain hoist will be provided for mechanical disengagement to allow for manual door operation. An electrical interlock switch will cut power to the control circuit when in manual operation. The operator will be equipped with an integral limit system that provides accurate settings to control the open and close positions of the door and will not be affected by manual door operation or motor removal. The motor and operator will be protected against overload by a thermal protector and will be equipped with a solenoid operated brake with internal expanding 360 degree brake shoe. The operator will have a 24VAC secondary solid state control circuit with advanced switch selectable features, motor load delivered via high amperage, inductive load rated relays. The operator will have provisions for connecting open-close-stop pushbutton stations, radio controls, and external obstruction sensing (reversing) systems. Operator will drive the door at a speed of approximately 11 inches per second.

NOTES:
REFER TO PRODUCT DATA SHEET FOR GENERAL INFORMATION
REFER TO DRAWING__________ FOR WIRING DIAGRAM

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Carlsbad, CA 92008
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Fax 800-468-1340
Website www.linearcorp.com

Solid State Control
AUH Series
JACKSHAFT OPERATOR WITH CHAIN HOIST
Heavy-Duty Commercial Operator