The DE Series Electric Actuators are ultra compact, providing a high output-to-size ratio.

In addition, the DE Series has a multitude of features not normally found in this class of actuator.

**Key features of the DE SERIES of Actuators:**

- Wire in Parallel
  - Independent Circuits Not Necessary
- Quick Setting - Easy Access Cams
- Type 316 Stainless Steel Output Shaft
- NEMA 4 and 4X Weatherproof and Corrosion-Resistant Housing and Cover
  - Durable Die Cast Aluminum Housing
  - Corrosion-Resistant Epoxy Polyurethane Coating and Stainless Steel Fasteners
- Heavy Duty Heat Treated Pinion Gearing
  - Lubricated for Life
- Manual Override Shaft (AC Voltage)
- Local Position Indication
- 50% Duty Rated Long Life Reversing Motors
  - Thermal Overload Protection
  - Two (2) Limit Switches for Motor Control and Remote Indication of End of Travel
  - 180° Travel Capability
- ISO 5211 Shaft and Mounting Dimensions
  - F03 to F05 Configurations
- Can Be Mounted in Any Position or Orientation

DynaQuip Controls offers two series of electric rotary actuators with output torques from 150 to 39,828 inch-pounds. Our DE and MA Series actuators are available in AC and DC voltages and provide some of the most compact, high-output designs available anywhere. DynaQuip electric actuators provide a solid foundation for automating almost any quarter-turn application. Electric actuators are used where plant air and compressors are not available. They are the actuators of choice in cold temperatures, corrosive environments, and are easily integrated into distributed control systems. Automating ball, butterfly, and plug valves are the primary application of most end users. DynaQuip electric actuators can also be used to operate quarter-turn louver and damper mechanisms.
**DE SERIES**

**ELECTRIC ACTUATORS FOR QUARTER-TURN APPLICATIONS**

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Torque Output</th>
<th>ISO Mount</th>
<th>120 VAC (1-Ph)</th>
<th>230 VAC/24VDC</th>
<th>24VAC/24VDC</th>
<th>Speed Sec/90°</th>
<th>Wt Lbs</th>
<th>Amps Locked Rotor</th>
<th>230 AC</th>
<th>120 AC</th>
<th>Low Voltage</th>
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</thead>
<tbody>
<tr>
<td>150 in-lb</td>
<td>F03</td>
<td>DE153</td>
<td>DE153B</td>
<td>DE153H</td>
<td>2.5</td>
<td>4.0</td>
<td>0.25</td>
<td>0.5</td>
<td>3.0</td>
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<tr>
<td>150 in-lb</td>
<td>F04</td>
<td>DE154</td>
<td>DE154B</td>
<td>DE154H</td>
<td>2.5</td>
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<td>0.25</td>
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<tr>
<td>150 in-lb</td>
<td>F05</td>
<td>DE155</td>
<td>DE155B</td>
<td>DE155H</td>
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<td>4.0</td>
<td>0.25</td>
<td>0.5</td>
<td>3.0</td>
<td></td>
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<tr>
<td>150 in-lb</td>
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<td>DE156</td>
<td>DE156B</td>
<td>DE156H</td>
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<td>3.0</td>
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<tr>
<td>300 in-lb</td>
<td>F04</td>
<td>DE304</td>
<td>DE304B</td>
<td>DE304H</td>
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<tr>
<td>300 in-lb</td>
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<td>DE305</td>
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<td>4.0</td>
<td>0.25</td>
<td>0.5</td>
<td>3.0</td>
<td></td>
</tr>
</tbody>
</table>

**ELECTRIC ACTUATOR OPTIONS:**

**Auxiliary Limit Switches:** Additional dry contact limit switches within the control housing to indicate various valve positions remotely, or to stop the valve at intermediate positions, or to control other pieces of equipment, such as pumps.

Visit [www.dynaquip.com](http://www.dynaquip.com) for more information

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