### Technical Data and Torque (In. Lb.)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Wt. Lbs.</th>
<th>Static Torque in. lb.</th>
<th>Max. Speed RPM</th>
<th>Coil Voltage vdc</th>
<th>* Rated Current amps</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>310</td>
<td>25.1</td>
<td>3600</td>
<td>2400</td>
<td>90</td>
<td>.60</td>
<td>0</td>
</tr>
</tbody>
</table>

* Rated current at 90V. Customer must maintain:
1. Concentricity between mounting flange and shaft within .010.
2. Perpendicularity between mounting surface and shaft within .010.

Refer to Section M for torque and heat dissipation curves.

### Order Parts for Assembly No. FC310054 and FC310055

<table>
<thead>
<tr>
<th>Armature Hub</th>
<th>Armature Plate Assembly</th>
<th>Magnet Accessory</th>
<th>(2517) Taper Bushing</th>
<th>FC310054</th>
<th>FC310055</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 Volts</td>
<td>310680</td>
<td>310383-13</td>
<td>326078</td>
<td>326039-XX</td>
<td>310481</td>
</tr>
<tr>
<td>90 Volts</td>
<td>310680</td>
<td>310383-13</td>
<td>326078</td>
<td>326039-XX</td>
<td>310481</td>
</tr>
</tbody>
</table>

To order, specify:
1. Armature Hub
2. Armature Plate Assembly
3. Magnet Accessory
4. Taper Bushing (2517) of required Bore size
5. Mounting Plate with Accessory for either Inside Mount or Outside Mount
6. Magnet of required Voltage

For controls, see Section K.
### Replacement Parts

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty.</th>
<th>Description</th>
<th>Part No.</th>
<th>Item</th>
<th>Qty.</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Mounting Plate w/Accessory</td>
<td></td>
<td>4</td>
<td>1</td>
<td>Armature Hub</td>
<td>310680</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inside Mounting</td>
<td></td>
<td>5</td>
<td>1</td>
<td>Magnet</td>
<td>310373</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Outside Mounting</td>
<td>310491</td>
<td>24 Volts</td>
<td>1</td>
<td>Magnet</td>
<td>310374</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Magnet Accessory</td>
<td>326078</td>
<td>90 Volts</td>
<td>1</td>
<td>Magnet</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Armature Plate Assy. (39 Teeth)</td>
<td>310383-13</td>
<td>6</td>
<td>1</td>
<td>Taper Bushing (2517)</td>
<td>326039-XX</td>
</tr>
<tr>
<td>3-A</td>
<td>1</td>
<td>Drag Spring</td>
<td>326277</td>
<td>3-B</td>
<td>1</td>
<td>Ajusto-gap® Spring</td>
<td>326970</td>
</tr>
<tr>
<td>3-C</td>
<td>1</td>
<td>Retaining Ring</td>
<td>RY-20317</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Current design armatures are solid.

---

**Flange Mounted Brake – Replacement Parts**

Current design armatures are solid.

ELECTROMATE
Toll Free Phone (877) SERVO98
Toll Free Fax (877) SERV099
www.electromate.com
sales@electromate.com

### Assembled

- Outside Mount
- Inside Mount

---

**Flange Mounted Brake**

- 1: Outside Mount
- 2: Magnet Accessory
- 3: Armature Plate Assy. (39 Teeth)
- 3-A: Drag Spring
- 3-B: Ajusto-gap® Spring
- 3-C: Retaining Ring
- 4: Armature Hub
- 5: Magnet
- 6: Taper Bushing (2517)