Anaheim Automation’s DC motors provide a cost effective solution for your application. The 79mm Brush DC series can be used in many applications such as robotics and medical applications. The 79mm Brush DC series has strong permanent magnets to provide up to 70.8 oz-in of torque. At rated voltage, this motor will up to 3500RPM. Cooling vents on the motor casing are placed optimally for internal cooling of the motor.

### Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>No Load Speed (RPM)</th>
<th>Rated Speed (RPM)</th>
<th>Rated Current (A)</th>
<th>Starting Current (A)</th>
<th>Rated Torque (oz-in)</th>
<th>Starting Torque (oz-in)</th>
<th>Rated Voltage (VDC)</th>
<th>Approx Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDC-169-N-12-2500-T-CC-W2</td>
<td>2500</td>
<td>1900</td>
<td>11</td>
<td>46</td>
<td>56.64</td>
<td>283.23</td>
<td>12</td>
<td>5.35</td>
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<td>2900</td>
<td>16</td>
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<td>311.56</td>
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<td>424.85</td>
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<td>6.9</td>
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</tbody>
</table>

### Ordering Information

- **Rear Shaft**: N No Rear Shaft, R Rear Shaft
- **Voltage**: 12V, 24V
- **Speed**: 2500RPM, 3400RPM, 3500RPM
- **Shaft Option**: T Shaft Flat, U Slotted Shaft, S Shaft Flat
- **Wiring**: W2, W6
- **Connector Option**: CC 380-400mm Cable, CD 250mm Cable, CB 250mm Cable

*See wiring diagram for details*
N-Single Shaft Option

Dimensions are in mm/in

R-Dual Shaft Option

Dimensions are in mm/in

WIRING OPTIONS

SHAFT OPTIONS

4985 East Landon Drive Anaheim, CA 92807  Tel. (714) 992-6990  Fax. (714) 992-0471  www.anaheimautomation.com
TORQUE CURVE

CONNECTOR OPTIONS

BDC-169-N-12-1900-T-CC-W2
BDC-169-N-24-1900-T-CC-W2

BDC-169-N-12-2900-U-CD-W2
BDC-169-N-24-2900-U-CD-W2

BDC-168-N-24-3500-S-CB-W6