We can offer you more because we have more behind us.

At ITT Torque Systems, we have always believed in giving you more choices. After all, your application is unique, so the servomotor you choose for it should be unique too. While the competition stacks their shelves with motors and hardware, we pack ours with engineered solutions. The truth is, our shelf contains just about any type of solution you could require, from simple integration components such as brakes, encoders and tachometers, to elaborate breakthrough designs.

To complement our line of Brush Servomotors, we offer you a wide range of standard integration and custom engineered options to complete your solution.

Our typical standard integration options include:

A) Brakes
B) Custom Connectors
   Connector Locations
   Housings
   Cabling
C) Standard and Custom
   Encoders
   Resolvers
   Tachometers
D) Multiple Standard
   Winding Configurations
   Matched Windings
   Thermostats
E) Standard Flange
   Mounting
   NEMA Mounting
   IEC Mounting
   Custom Mechanical Interfaces
F) Standard & Custom
   Shaft Configurations
G) Multiple Gearhead
   Options

When you come to us for your Brush DC Servomotor solutions you also get the experience and knowledge of our highly trained sales force to guide you through the selection process. They will work side-by-side with you to fully understand your application, so they can give you an accurate appraisal of how the best solution can be created. Next, our application development engineers will step in and work directly with you to ensure you receive a reliable, high-quality working solution.

Plus, with ITT Torque Systems, as a design engineer, you even have the opportunity to size motors and select many standard integration options using our convenient web site servomotor platform configuration feature. Just visit www.torquesystems.com to begin the process.

Simply put: ITT Torque Systems will design a product to fit your application — rather than altering your application to fit our product.

Our typical custom engineered options include:

- Extended Ambient Temperature Ratings
- Custom Winding Configurations
- Special Electromagnetic Design Platforms
- Specialized Military Coatings
- Corrosion Resistant Materials
- Food Grade Materials
- Custom Bearings
- Witness Testing
- IP65 Sealing

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- Food Grade Materials
- Custom Bearings
- Witness Testing
- IP65 Sealing
Brush Servomotor Platforms

Key: Continuous Duty | Intermittent Duty | Commutation

STANDARD DESIGN FEATURES:
- CEUL and ROHS Compliant
- Multiple Winding Availability
- Sealed Bearings
- Chip Resistant Painted Steel Housings
- Sealed Bearings
- Multiple Winding Availability
- CE/UL and ROHS Compliant

STANDARD DESIGN FEATURES:
- Platform R400
- Platform 3500
- Platform 2600
- Platform 2100
- Platform 4100
- Platform 400

Key:
- Continuous Duty
- Interim Duty
- Commutation

RIGID APPLICATION DEVELOPMENT PROCESS:
- Application Review
- Motion Profile Analysis
- Magnetic FEA Computer Simulation
- Prototype Design
- Performance Verification

### Platform 2100

<table>
<thead>
<tr>
<th>Number</th>
<th>Rated Power</th>
<th>Cont. Stall Torque</th>
<th>Peak Torque</th>
<th>Rotor Inertia</th>
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<tr>
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### Platform 2600

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<tbody>
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<td>2616</td>
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<td>2628</td>
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### Platform 3500

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<tr>
<td>3515</td>
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### Platform 400

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<td>12.54</td>
<td>700</td>
<td>103.86</td>
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</tbody>
</table>

Custom design motors up to 7.25 in. (185 mm) diameter and 300 lb.-in. (34 NM) peak also available.

sales@servo2go.com
www.servo2go.com
### Nominal Motor Dimensions

**Brushless Motors**
- **Frame Sizes**: 2100, 2105, 2110, 2115, 2120, 2125, 2130
- **Shaft Diameter**: 0.750, 0.625, 0.500, 0.375
- **Motor Dimensions**: Nema and IEC mounting overall length, motor face pilot height, overall diameter, flanges may increase housings and mounting motor face pilot height, subject to change.

**DataTorque™ Encoders**
- **Shaft Extension**: Includes motor face pilot height, subject to change.

**Tach & Encoder Additions**
- **Shaft Extension**: 0.5, 1.5, 2.0
- **Encoder Addition**: 0.85, 1.6, 3.38
- **Tach Addition**: 1.6, 3.38, 6.63

**Notes**: Additional including brakes, resolvers, motor frame extensions, sealed motor will increase overall length. Subject to change.

---

**Ask about our other motion controls solutions & capabilities:**
- Brushless Servo Motors
- Brushless Parts Sets
- Linear Actuators
- Shaft Mounted DataTorque™ Encoders
- Expert application development engineering
- Complete repair and refurbishing services

---

**Shaft Extension**:
- **S**: 0.750, 0.625, 0.500, 0.375
- **Shaft Diameter**: 0.750, 0.625, 0.500, 0.375

**Encoder Addition**:
- **E**: 1.6, 3.38, 6.63

**Tach Addition**:
- **T**: 0.5, 1.5, 2.0

---

**Shaft Diameter**:
- **Nominal Motor Dimensions**:
  - **Frame Length**: 2100 (21.0), 2105 (21.5), 2110 (21.5), 2115 (21.5), 2120 (21.5), 2125 (21.5), 2130 (21.5)
  - **Shaft Diameter**: 0.750, 0.625, 0.500, 0.375
  - **Shaft Extension**: 0.750, 0.625, 0.500, 0.375

---

**Motor Dimensions**:
- **Nema and IEC mounting**: Overall length, motor face pilot height, overall diameter, flanges may increase housings and mounting motor face pilot height, subject to change.

---

**Additional Services**:
- Complete repair and refurbishing services
- Expert application development engineering
- Shaft Mounted DataTorque™ Encoders