RAE M4000 Permanent Magnet DC Motors

What to drive for your demanding applications

- Speeds up to 3500 rpm
- 1/30 hp up to 1/4 hp
- Flexible to meet your needs. Electronic controls, mounting options, gear drives and more
High Performance RAE M4000 Permanent Magnet DC Motors

RAE M4000 DC motors are available with various options and value added features to meet your application needs. These include special output shaft modifications, specialty brackets, end bell modifications, gear drives, electronic controls, brakes, encoders, junction boxes, special lead or harness assemblies and special terminals or plugs. We can also provide private label or special label product, custom colors and specialty packaging.

Features
- NEMA Class F Insulation
- Foot or Flange Mounting
- High Energy Ceramic Magnets
- Double Shielded Ball Bearings
- Dynamically Balanced Armature
- Reversible Design
- TENV Enclosure
- Externally Replaceable Brushes
- Auto-Hook Tang Type Commutator
- Drop-in Replacement for Popular Units
- Value Added Options and Modifications Available

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Torque Ratings</td>
<td></td>
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<tr>
<td>DC Ratings</td>
<td>56 to 110 in oz</td>
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<tr>
<td>SCR Ratings</td>
<td>28 to 56 in oz</td>
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<tr>
<td>Horsepower</td>
<td>1/30 to 1/4 hp</td>
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<tr>
<td>Speeds</td>
<td>Up to 3500 rpm</td>
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<tr>
<td>Voltages</td>
<td>12 to 180 V</td>
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<tr>
<td>Max. Shaft Dia.</td>
<td>0.500 in.</td>
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<tr>
<td>Pilot Dia.</td>
<td>2.015 in.</td>
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<tr>
<td>Lead Length</td>
<td>8 in</td>
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At RAE, quality consciousness is inherent in the production process from start to finish. Our stringent testing process includes:
- AQL sampling of incoming components
- In-process quality checks
- Meeting UL and CSA certification standards
- 100% dynamically balanced and electrically tested armature assemblies
- Hi-pot testing as well as speed and current testing at no load
- Minimum 30-minute product run-in testing

Bluffton – A Wide Selection of Solutions to Meet Your Needs

AC Motors  Speed Reducers  DC Gearmotors  DC Gearmotors  AC Gearmotors  DC Controls

RAE DC PRODUCTS GROUP
A BLUFFTON MOTOR WORKS COMPANY

RAE DC Products Group
4615 W. Prime Parkway I McHenry, IL 60050-7037 I 815-385-3500 I www.raemotors.com

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■ TOP QUALITY, RELIABLE PRODUCTS ■ ON TIME, EVERY TIME ■ MAXIMIZE INVESTMENT