Ashwoods design and manufacture smaller, lighter and more efficient permanent magnet electric motors across a range of sectors including the automotive, materials handling and off-highway vehicle markets.

**IPM-200-33**

### Functional Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Torque @ 350Arms</td>
<td>45 Nm</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 - 80V</td>
</tr>
<tr>
<td>Peak Power</td>
<td>5kW - 14kW</td>
</tr>
<tr>
<td>Continuous Power</td>
<td>up to 8kW</td>
</tr>
<tr>
<td>Max Speed</td>
<td>8500 rpm</td>
</tr>
<tr>
<td>Peak Efficiency</td>
<td>94%</td>
</tr>
<tr>
<td>Weight (motor)</td>
<td>10kg</td>
</tr>
</tbody>
</table>

### Applications

- **Standard**
  - A standard 19MM shaft with a keyway can be provided to allow easy integration in many applications.
- **Traction**
  - Ashwoods works closely with a variety of transmission suppliers to provide interfaces for any application.
- **Hydraulic**
  - Pump interfaces have been developed to enable our motors to work with a range of pumps.

### Interfaces

- **Standard**
- **Traction**
- **Hydraulic**

### Motor Features

- SCALABLE DESIGN
- RADIAL FLUX
- HIGHLY EFFICIENT
- RELUCTANCE TORQUE
- COMPACT
- LOW COST
- LIGHTWEIGHT
- INGRESS PROTECTION

### Sales and Customer Service

- **Telephone:** +44 1392 340184
- **(Monday to Friday, 8.30am-5.30pm)**
- **Email:** info@ashwoodselectricmotors.com
- **Website:** www.ashwoodselectricmotors.com
48V Performance Graphs

IPM-200-33 Performance Curves @ 48V 350Arms

Ashwoods IPM Motor Efficiency