Reynolds Lift’s Permanent Magnet Motors (PMM) offer significant advantages over traditional induction motors and other PMM technology. Our patent pending motors include proprietary magnets, winding, and modular connections which enable very short overall lengths, large power densities, and sizing specifically for your application. Ultra-efficiency over a wide operating range lowers power consumption, reduces motor winding temperatures, and increases run life compared with all other motor technology. All motors Made in Texas!

**Reynolds Lift PMM Characteristics**

- Efficiencies > 90% over wide operating range
- **Does not require** proprietary Variable Frequency Drive (VFD) package
- Factory built modules, **zero rig floor connections**
- 456 Motors have **37 HP/ft power density**; >5X greater than induction motors
- Motors exhibit **reduced winding temperatures** coupled with high temperature winding insulation greatly improves reliability and run life
- Motors constructed in **300, 400, 500, 700 series**; SS and CS options
- Compatible with all ESP sensors, potheads, output shafts, flange connections, etc.

![Any Vector Drive](image1)

**Power > 1,200 HP**

![450°F / 230°C Winding Rating](image2)

Made in Texas
Rigorous motor testing has been performed on the Reynolds Lift dynamometer and test well yielding consistent and reliable performance data. Reynolds’ state of the art testing facility allows demonstratable, repeatable, and safe power benchmarking where all PMMs are put to the test prior to ever leaving the manufacturing plant.
## Electrical Cost Example

For more information, please visit our website at [www.reynoldslift.com](http://www.reynoldslift.com) or contact our Sales department below.

sales@reynoldslift.com  
866-629-6298

### 200 HP Motors

<table>
<thead>
<tr>
<th></th>
<th>PMM</th>
<th>IM</th>
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<tbody>
<tr>
<td>Voltage</td>
<td>1,460</td>
<td>2,085</td>
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<tr>
<td>Amps</td>
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<td>67</td>
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<tr>
<td>KVA</td>
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<td>242</td>
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<tr>
<td>Utility Cost</td>
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<td>$201,400</td>
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<tr>
<td>Genset Cost</td>
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<td>$420,000</td>
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</table>

**PMM Utility Savings**: $60,400  
**PMM Genset Savings**: $125,000

Yearly Savings, $0.095/kWh,  
Genset $2.75/gal - diesel fuel cost only

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