Advanced Design Rock Crusher Motors
Expertly designed to withstand harsh environments

WorldWide Electric’s Advanced Design Rock Crusher Motor is engineered to resist harsh environmental conditions while providing reliable performance under the heavy daily usage required by the aggregate and biomass industries. Featuring high starting and breakdown torques, a heavy-duty endbell design, and a 4140 high tensile strength steel radius cut shaft, this motor is an excellent choice for many high-impact, heavy-duty industries and applications like hammermills, pellet mills, and chippers for the biomass industry.

**Specifications**
- Output: 250-500 HP
- Phase: 3
- Speed: 1800 and 1200 RPM
- Frequency: 60 Hz
- Voltage: 460V
- Service Factor: 1.15 SF

**In-Stock and Ready to Ship**
We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With $30 million of ready-to-ship inventory at six regional US warehouses, we’re ready to assist you!

*For more details, visit wwec.co/RCM*
Product Features

- Totally Enclosed Fan Cooled (TEFC) Enclosure
- IP55 Rating
- Class F Insulation
- Rigid Base
- Premium Efficiency
- Inverter Duty, 10:1 CT / 20:1 VT (250-400 HP)
- Class 1, Division 2, Groups A, B, C, D (250-400 HP)
- Premium SKF bearings
- High Starting and Breakdown Torque
- 4140 High Tensile Strength Steel Shaft
- Suitable for Horizontal or Vertical Mounting
- Available with insulated bearings on opposite drive end

For more details, including full specifications, compliance, and all available models visit wwwec.co/RCM

Model Number Selection

Each model number contains the product family, horsepower, RPM, and NEMA frame size.

<table>
<thead>
<tr>
<th>Product Family</th>
<th>HP Rating</th>
<th>RPM/100</th>
<th>Frame Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEWWE</td>
<td>250</td>
<td></td>
<td>449T</td>
</tr>
<tr>
<td>300</td>
<td>350</td>
<td>1800</td>
<td>505UZ</td>
</tr>
<tr>
<td>400</td>
<td>500</td>
<td></td>
<td>586/7BB</td>
</tr>
<tr>
<td>450</td>
<td></td>
<td></td>
<td>586/7UZ</td>
</tr>
</tbody>
</table>

For example, model number “PEWWE250-12-449T” is a 250 horsepower, 1200 RPM, 449T Frame Advanced Design Rock Crusher Motor.

Available Options

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>RPM</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>1200</td>
<td>449T</td>
</tr>
<tr>
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<td>586/7BB</td>
</tr>
</tbody>
</table>

Not all combinations indicated by this table are possible. Please contact a representative or visit worldwideelectric.net for more information on available models.

Thoughtful Design

Every feature on the Advanced Design Rock Crusher Motor was expertly designed to maximize durability and product longevity.

FC200 Density Cast Iron Frame
with extra thick, extra deep cooling ribs provide superior strength and heat dissipation

Heavy Reinforced Steel Fan Cover
affords superior protection to fan

Circlip (snap ring)
allows for vertical or horizontal mounting positions

Rubber Dust Curtain
in junction box eliminates all filtered dust

Elongated Foot
for reduced vibration and extended product life

Metal Clad V-Ring Seal
protects bearings from moisture and contaminants

Drive End Roller Bearing
for heavy duty belt drive applications

4140 High Tensile Strength Steel Shaft
with radius cut shafts and keyways to prevent shaft breakage

Finned End Bells & Extra Bolts
for rugged durability and vibration reduction

WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric’s low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.