Fractional HP Motors

General Purpose

WorldWide Electric’s General Purpose Fractional HP Motors are rolled steel, multi-purpose motors suitable for a diverse range of industrial applications. Reduce your inventory by stocking one motor design that meets the needs of a diverse market. With bolt-on base plates and C-face designs, whether your customers are pumping, blowing or conveying, this motor is their solution.

- **Proven for Industry.** Receive industrial grade product at incredibly discounted prices.
- **Versatile Installation.** You decide how to mount this motor; mounting base is easily used or removed with 6 bolts. No derating of the motor is required when mounting shaft up or down.
- **Inverter Duty.** Three-phase motors are VFD rated 4:1 CT / 10:1 VT.
- **Superior Quality.** Vacuum pressure impregnated (VPI) copper windings and Class F insulation.
- **Durable.** Rolled steel body, steel fan covers and heavy duty aluminum endbells are all coated with rustproof and scratch resistant paint.
- **Two-Year Warranty.** WWE’s General Purpose Fractional HP Motors carry a two-year warranty.
- **In Stock Availability** with direct shipping from our distribution centers to your site or to a location of your choice.
How To Order ...

Easy-to-understand model numbers make selection intuitive, with horsepower, RPM and applicable motor compatibility clearly visible in the model number.

### Single Phase (Removable Base)

<table>
<thead>
<tr>
<th>HP</th>
<th>RPM</th>
<th>Motor Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>18 (1800)</td>
<td>56CB (56C)</td>
</tr>
<tr>
<td>1/2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td></td>
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<tr>
<td>2</td>
<td></td>
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</tbody>
</table>

NT Example Model Number: NT13-18-56CB

### Three Phase (Removable Base)

<table>
<thead>
<tr>
<th>HP</th>
<th>RPM</th>
<th>Motor Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td></td>
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<td>1/2</td>
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</tbody>
</table>

NAT(E) Example Model Number: NATE1.5-36-56CB

### Technical Specifications ...

**All Fractional HP Motors**

- **Designed with Protection**
  - Anti-rust film applied to rotor
  - Shaft seal on drive-end protects drive-end bearing from contaminants

- **Designed for Easy Installation**
  - C-face for direct coupling to gearbox
  - Removable C-face mounting base
  - Motor leads color coded and labeled

- **Designed for Severe Duty**
  - TEFC enclosure
  - Class F insulation
  - VPI copper windings
  - Sealed ball bearings

- **Designed for Durability**
  - Rolled steel body
  - Steel fan covers
  - Drive-end bearing retainer

**Single-Phase Units**

- **Designed for Power and Service**
  - 1/3 - 2 HP
  - 3600 and 1800 RPM
  - 115/230 volt (usable at 208 volt)
  - 1.15 service factor

- **Designed for Efficiency**
  - Capacitor start / induction run (1/3-1 HP)
  - Capacitor start / capacitor run (1.5-2 HP) for reduced amperage and high torque

**Three-Phase Units**

- **Designed for Power and Service**
  - 1/3 - 3 HP
  - 3600 and 1800 RPM
  - 230/460 volt (usable at 208 volt)
  - 1.15 service factor
  - Suitable for 50 hz operation with 1.0 service factor

- **Designed for Inverter Duty**
  - Three-phase motors are VFD rated 4:1 CT / 10:1 VT