

# 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.





Removable Base

- 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.



## FRACTIONAL HP MOTORS

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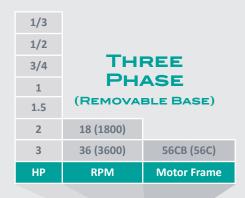
# HOW TO ORDER ...

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

1/3 1/2 3/4	SINGLE PHASE	
1	(REMOVABLE BASE)	
1.5	18 (1800)	
2	36 (3600)	56CB (56C)
НР	RPM	Motor Frame

13 18 **56CB** NT

Example Model Number: NT13-18-56CB



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

36

**56CB** 

1.5



Example Model Number: NAT34-18-56

# 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



Single & Three-Phase Motors Rigid Base



**Permanent Magnet DC Motors TEFC & TENV Enclosures** 



AVAILABLE MODE

**Washdown Duty Motors** Stainless Steel **TEFC & TENV Enclosures** 



**Jet Pump Motors TEFC Enclosure**