



## General Purpose Fractional HP Motors

### One Motor Suitable for Many Applications

WorldWide Electric General Purpose Fractional HP motors are designed for use in blowers, pumps, conveyors and many other diverse applications. These General Purpose motors feature versatile installation options including C-Face with Removable Base, Rigid Base, and Round Body models and vertical shaft up or down mounting. WorldWide Electric General Purpose Fractional Motors meet many needs and are a great way to simplify inventory.

#### Specifications

- Output: 1/3-3 HP
- Speed: 3600 and 1800 RPM
- Frequency: Dual Rated 50/60 Hz\*
- Voltage: 115/230V, Single-Phase  
230/460V, Three-Phase
- Service Factor: 1.15 SF

\* De-rating required for 50 Hz operation

#### 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 \$50 million of ready-to-ship inventory at seven regional US warehouses, we're ready to assist you!

For more details, visit [wwwec.co/FHGP](http://wwwec.co/FHGP)

## Product Features

- Single-Phase and Three-Phase
- Totally Enclosed Fan Cooled (TEFC) Enclosure
- IP43 Protection
- 1.15 SF
- Class F Insulation
- Double Vacuum Pressure Impregnation (VPI) System
- Anti Rust Film Applied to Rotor
- Improved Shaft Seal on Drive-End Protects Bearing from Moisture and Contaminants
- Rolled Steel Body; Steel Fan Covers
- Heavy Duty Aluminum Endbells
- Sealed Ball Bearings
- Suitable for 50 Hz Operation with de-rate and 1.0 SF
- Two Year Warranty

## Single-Phase Models

- 1/3-2 HP, 3600 and 1800 RPM
- 115/230V, (Usable at 208V)
- 1/3-1 HP: Capacitor Start / Induction Run
- 1.5-2 HP: Capacitor Start / Capacitor Run for Reduced Amperage and High Torque
- C-Face with Removable Base

## Three-Phase Models

- 1/3-3 HP, 3600 and 1800 RPM
- 230/460V (Usable at 208V)
- NEMA Premium Efficiency (1-3 HP)
- Inverter Rated 4:1 CT / 10:1 VT
- Available with Rigid Base, C-Face with Removable Base and C-Face Round Body

For more details, including full specifications and compliance, visit [wwec.co/FHGP](http://wwec.co/FHGP)

## Stearns Double C-Face Coupler Brakes

Suitable for Use with our Full-Line of Fractional HP Motors:

- General Purpose Motors
- Stainless Steel Motors
- Permanent Magnet DC Motors
- Farm Duty Motors



## Model Number Selection

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

Sample Model Number (Single-Phase): NT1.5-18-56CB

<b>NT</b>	<b>1.5</b>	-	<b>18</b>	-	<b>56CB</b>
Product Family	HP Rating		RPM/100		Frame Size

Sample Model Number (Three-Phase): NAT13-18-56CB

<b>NAT *</b>	<b>13</b>	-	<b>18</b>	-	<b>56CB</b>
Product Family	HP Rating		RPM/100		Frame Size

\* 1-3 HP, three-phase models are premium efficient, denoted by model number prefix NATE, i.e. NATE1-18-56

HP ratings with a decimal will carry a decimal to the model number, i.e. 1.5 HP becomes NT1.5-18-56CB

HP ratings listed in fractions will drop the slash, i.e. 1/3 HP becomes NAT13-18-56CB

## Available Models ‡

Product Family	HP	RPM	Frame Size
NT	1/3	3600	56
NAT	1/2	1800	56CB
NATE	3/4		56CRD
	1		
	1.5		
	2		
	3		

‡ Not all combinations indicated by this table are possible. Please contact a representative or visit [worldwideelectric.com](http://worldwideelectric.com) for more information on available models.

## Additional Fractional HP Motors

WorldWide has a full line of fractional motors to satisfy any application. Call us or visit [worldwideelectric.com](http://worldwideelectric.com) to find a motor that meets your needs.



Jet Pump Motors



Stainless Steel Motors



Permanent Magnet DC Motors



Farm Duty Motors



Open Drip Proof Motors



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from seven 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.

MDFHGP112022