



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, 1800 RPM
- Frequency: Dual Rated 50/60Hz*
- Voltage: 115/208-230V, 208-230/460V
- Service Factor: 1.15

*De-rating required for 50Hz 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 six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/FHGM

Product Features

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

Single-phase units

- 1/3 - 2 HP, 3600 & 1800 RPM
- 115/230 Volt (Usable at 208)
- 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

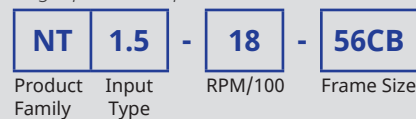
Three-phase units

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

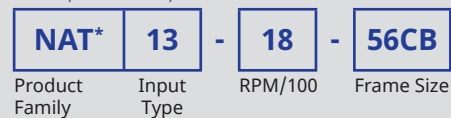
For more details, including full specifications, compliance, and all available models, visit wwec.co/FHGM

Model Number Selection

Single-phase sample model number "NT1.5-18-56CB"



Three-phase sample model number "NAT13-18-56C"



* 1-3 HP three-phase motors are premium efficient, denoted by model numbers containing "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 NATE1.5-18-56CB. HP ratings listed in fractions will drop the slash, i.e. 1/3 HP becomes NAT13-18-56.

Available Models[‡]

Family	Horsepower	RPM	Frame
NT	1/3	1800	56
NAT	1/2	3600	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.net 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.net to find a motor that meets your needs.



Jet Pump Motors
1/3 - 3 HP, 3600 RPM
TEFC Enclosure
wwec.co/JJPM



Stainless Steel Motors
1/3 - 2 HP, 3600 & 1800 RPM
TEFC & TENV Enclosure
wwec.co/SSWM



Permanent Magnet DC Motors
1/4 - 2 HP, 1800 RPM
TEFC & TENV Enclosure
wwec.co/PMDC



Farm Duty Motors
1/3 - 2 HP, 1800 RPM
TEFC Enclosure
wwec.co/FDM



Open Drip Proof Motors
1/3 - 3/4 HP, 3600 & 1800 RPM
ODP Enclosure
wwec.co/ODP



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.

MDFHG062021