



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 a removable base, C-Face construction, 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: 50Hz (single-phase), 60 Hz (three-phase)
- Voltage: 115/208-230V, 208-230/460V
- Service Factor: 1.15

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/FHGM

Product Features

- TEFC enclosure
- IP43 Protection
- Class F insulation
- Vacuum Pressure Impregnated (VPI) copper windings
- Rolled steel body
- Steel fan covers
- Heavy duty aluminum endbells
- Anti-rust film on rotor
- V-Ring seal on drive end protects drive end bearing from contaminants
- Sealed ball bearings
- Two year warranty

Single-phase units

- 1/3 - 2 HP, 1800 & 3600 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 removable base

Three-phase units

- 1/3 - 3 HP, 1800 & 3600 RPM
- 230/460 volt (usable at 208)
- Suitable for 50Hz operation at 1.0 SF
- VFD rated 4:1 CT / 10:1 VT
- Available with rigid base, C-Face removable base, and C-Face round body

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

Model Number Selection

Sample model number "NT13-18-56C"

NT	13	-	18	-	56CB
Product Family	Input Type		RPM/100		Frame Size

Phase		HP	RPM	Frame
NT	NAT(E)	1/3	18 (1800) 36 (3600)	56 (rigid base)* 56CB (C-Face with removable base) 56CRD (C-Face round body)
		1/2		
Single Phase	Three Phase	3/4		
		1		
		1.5		
		2		
		3		

*Rigid base is not available with single-phase unit

Please note that HP ratings with a decimal will carry a decimal to the model number, i.e. 1.5 HP becomes NAT1.5-18-56. HP ratings listed in fractions will drop the slash, i.e. 1/3 HP becomes NAT13-18-56.

Additional Models

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.



General Purpose Rigid Base Motors
1/2 - 2 HP, 1800 RPM
TEFC Enclosure
wwec.co/GPRB



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



Open Drip Proof Motors
1/2 - 3/4 HP, 3600 & 1800 RPM
ODP Enclosure
wwec.co/ODPM



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



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



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



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.

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