

General Purpose - Fractional HP Motors

NT, NAT & NATE Series

Single-phase and three-phase designs with versatile specifications and mounting options

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 Rigid Base, C-Face with Removable Base (CB), or C-Face Round Body (CRD) Options and vertical shaft up or down mounting. WorldWide Electric General Purpose Fractional Motors meet many needs and are a great way to simplify inventory.

NEMA
Premium
**NATE Series Only*



Quick Specs & Features

- Output: 1/3 - 3 hp
- Speed: 3600 and 1800 rpm
- Voltage: 115/230 Volts at 60Hz, 230/460 Volts (see over)
- Service Factor: 1.15 SF



Responsive
Service & Technical Support



Quality Products
Competitive Pricing



In Stock Availability
Warehouses Nationwide



Fast Shipping
Same-Day Available

Product Features

- Totally Enclosed Fan Cooled (TEFC) enclosure
- IP43 protection
- 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

Single-phase Units

- 1/3 - 2 hp, 3600 and 1800 rpm
- 115/230 Volts
- 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 and 1800 rpm
- 230/460 Volts
- Premium efficiency (1 - 3 hp, NATE only)
- Inverter rated 4:1 CT / 10:1 VT
- Available with rigid base, C-Face with removable base (CB), and C-Face round body (CRD)

Model Number Selection

Sample Part Number: NT1.5-18-56CB

Each model number contains the product family, horsepower, rpm, and frame size. Ratings for hp with a decimal will carry a decimal to the model number, i.e. 1.5 hp becomes NT1.5-18-56CB. One to three hp three-phase motors are NEMA premium efficient, denoted by model numbers containing "NATE", i.e. NATE1-18-56. Ratings for rpm are divided by 100.

‡ Not all combinations indicated by this table are possible. Please contact us or visit shop.worldwideelectric.com for more information on availability.

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


Stearns Double C-Face Coupler Brakes

Designed to fit between a standard NEMA C-Frame: 56C motor and quill input C-Flange, the two standard stock parts eliminate the need for special designed brake motors for many applications.



Additional Fractional HP Motors

WorldWide has a full line of fractional motors to satisfy any application. Call us or visit worldwideelectric.com to find a motor that meets your needs.

 <p>Jet Pump Motors 1/3 - 5 hp, 3600 rpm. ODP/TEFC Enclosures</p>	 <p>Permanent Magnet DC Motors 1/4 - 2 hp, 1800 rpm. TEFC & TENV Enclosure</p>	 <p>Farm Duty Motors 1/3 - 2 hp, 1800 rpm. TEFC Enclosure</p>	 <p>Open Drip Proof Motors 1/3 - 3/4 hp, 3600 & 1800 rpm. ODP Enclosure</p>
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WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators. 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.

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