



# Jet Pump - Fractional HP Motors

## OJ/ODPJ and NTJ/NATJ/NATJE Series

Single-phase and three-phase designs with ODP or TEFC enclosures, versatile specifications and mounting options

WorldWide Electric Jet Pump motors are designed for use in residential and commercial water pumping applications.

**ODP Jet Pump Motors** — meet NEMA efficiency levels as defined in Tables 12-12, 12-20, and 12-21 for premium efficiency. They are available in versatile installation options including C-Face with Removable Base and Round Body models for horizontal or vertical mounting.

**TEFC Jet Pump Motors** — feature a high-torque and durable design to effectively power industrial, commercial, and residential pumping solutions such as water wells and more. They are available in a C-Face with Removable Base.

**NEMA  
Premium**  
*\*NATJE Series Only*



TEFC enclosure,  
NTJ/NATJ/NATJE  
Series



ODP Enclosure,  
OJ/ODPJ Series

### Quick Specs & Features

- Speed: 3600 rpm
- Frequency: 60 Hz
- Vacuum Pressure Impregnation (VPI) system
- Anti-rust film applied to rotor
- Class F insulation



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available

## Model Number Selection

### Sample Part Number: OJ1-36-56CB

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 OJ1.5-36-56CB. Ratings for hp listed in fractions will drop the slash, i.e. 1/3 hp becomes OJ13-36-56JB

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

| Product Family         | HP  | RPM  | Frame Size | Frame Suffix |
|------------------------|-----|------|------------|--------------|
| NTJ<br>(Single-phase)  | 1/3 | 3600 | 56         | CB           |
|                        | 1/2 |      |            | JB           |
| NATJ<br>(Three-phase)  | 3/4 | 3600 | 56         | CRD          |
|                        | 1   |      |            | JRD          |
| NATJE<br>(Three-phase) | 1.5 | 3600 | 56         | CB           |
|                        | 2   |      |            | JB           |
|                        | 3   |      |            | CRD          |

| Product Family        | HP  | RPM  | Frame Size | Frame Suffix |
|-----------------------|-----|------|------------|--------------|
| OJ<br>(Single-phase)  | 1/3 | 3600 | 56         | CB           |
|                       | 1/2 |      |            | JB           |
| ODPJ<br>(Three-phase) | 3/4 | 3600 | 56         | CRD          |
|                       | 1   |      |            | JRD          |
|                       | 1.5 |      |            | CB           |
|                       | 2   |      |            | JB           |
|                       | 3   |      |            | CRD          |

## TEFC Product Features

- Totally Enclosed Fan Cooled (TEFC) enclosure
- IP43 protection
- Service Factor: 1.15 SF
- C-Face with removable base
- 56J-threaded shaft
- 56C-keyed shaft
- Improved shaft seal on drive-end protects drive-end bearing from moisture and contaminants
- Inverter rated, 4:1 CT / 10:1 VT

## TEFC Single-phase

- 1/3 - 2 hp
- 115/230 Volts
- Capacitor Start/Induction Run (1/3 - 1 hp)
- Capacitor Start/Capacitor Run (1.5 - 2 hp) for reduced amperage and high torque

## TEFC Three-phase

- 1/3 - 3 hp
- 230/460 Volts
- Premium efficiency (1 - 3 hp NATJE only)
- Suitable for 50 Hz at 1.0 SF (derate in hp)

## ODP Product Features

- Open Drip Proof (ODP) enclosure
- IP23 protection
- Service Factor: Varies (Ref. Catalog)
- C-Face with removable base (CB/JB) and C-Face round body footless (CRD/JRD)
- 56J-threaded shaft, ODE shaft supplied with slot for installation
- 56C-keyed shaft
- 304 stainless steel shaft end
- Drive-end shaft slinger
- Double shielded ball bearings

## ODP Single-phase

- 1/3 - 3 hp
- 115/230 Volts
- Capacitor Start/Capacitor Run
- Automatic thermal overload protection
- Terminal board with spade connectors
- Premium efficiency in accordance with NEMA Table 12-20

## ODP Three-phase

- 1/3 - 5 hp
- 230/460 Volts
- Stud terminals for use with ring or fork terminals
- Pre-configured for 460 Volts. Supplied with terminal plug in terminal box for switching from 230 to 460 Volts.
- Premium efficiency (NEMA Table 12-12 and 12-21)



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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