worldwideelectric.com
(800) 808-2131

Jet Pump - TEFC
Fractional Horsepower Motors

- **Single and three-phase motors[1]**
- **1/3 - 2 hp, 1ϕ at 115/230 Volts, 60Hz**
- **1/3 - 3 hp, 3ϕ at 230/460 Volts, 60Hz**
- **NATJE Series - 1 - 3 hp premium efficient**
- **3600 rpm**
- **Frame sizes: 56 CB/JB**
- **Inverter rated 4:1 CT / 10:1 VT**
- **1.15 Service Factor**



NEMA Premium

TEFC Single-phase Specifications

- 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 Specifications

- Premium Efficiency (1 - 3 hp NATJE only)
- Suitable for 50 Hz at 1.0 SF (derate in hp)

Construction

- Totally Enclosed Fan Cooled (TEFC) enclosure
- C-face with removable base
- Shaft up or down mounting
- 56J-threaded AISI 420 stainless steel shaft as standard; ODE shaft supplied with slot for impeller installation
- 56C-keyed carbon steel shaft as standard
- Improved shaft seal on drive-end protects drive-end bearing from moisture and contaminants
- F1 mounting configuration
- Vacuum Pressure Impregnation (VPI) system
- Anti-rust film applied to rotor

Protection & Environmental

- IP43 protection
- Class F insulation

Applications

Versatile installation options offer a great way to simplify inventory. High torque and durable design make them ideal for residential and commercial water pumping applications, such as water wells.

1 Not all combinations of HP, frame and styles may be possible.

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