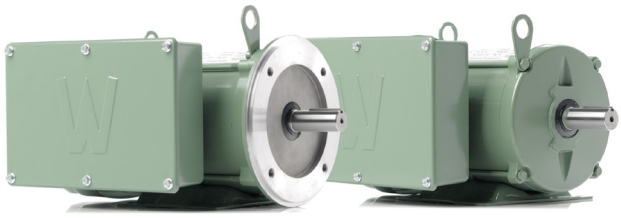
worldwideelectric.com
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Fractional & Integral - Farm Duty Motors





FARM DUTY MOTORS

- **Fractional single-phase motors**
- **1/3 - 2 hp**
- **115/230 Volts**
- **1800 rpm at 60 Hz**
- **Frame Sizes: 56**
- **Styles: C/HC/HZ/HZC Options Available[1]**
- **High torque performance**
- **Manual overload**
- **1.15 Service Factor**

- **Integral single-phase motors**
- **1 - 10 hp**
- **230 Volt**
- **3600, & 1800 rpm at 60 Hz**
- **Frame Sizes: 143 - 215**
- **Styles: T/TC/TZ Options Available[1]**
- **High torque performance**
- **Manual overload**
- **1.15 Service Factor**

Construction (all Farm Duty Motors)

- Totally Enclosed Fan Cooled (TEFC) enclosure
- Rigid base or C-face with feet
- Class F insulation

Fractional (FM) Specific Product Features

- IP54 protection
- 56H frame motors have double-punched feet
- Vacuum Pressure Impregnation (VPI) system
- Anti-rust film applied to rotor
- 1/3 - 1 hp: Capacitor Start/Induction Run
- 1.5 - 2 hp: Capacitor Start/Capacitor Run for reduced amperage and high torque
- Improved shaft seal on drive-end protects bearing from moisture and contaminants

Integral (FD) Specific Product Features

- IP55 protection
- Dual-drilled feet
- Capacitor Start/Capacitor Run for reduced amperage and high torque
- Shaft seals on both ends of the motor
- Cast Aluminum Endbells

Applications

WorldWide Electric's Farm Duty Motors feature a high torque, robust design that has been field-tested to handle the rigors of tough starts and stops, frequent use, always-on applications, and other common agricultural challenges.

Stearns Double C-face Coupler Brakes

Fits between a standard NEMA C-Frame: 56C motor and quill input C-flange— eliminates the need for special designed brake motors.



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

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