



Farm Duty Motors

Fractional & Integral Models for Agricultural 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. All WorldWide Electric Farm Duty Motors feature Totally Enclosed Fan Cooled (TEFC) enclosures, Class F insulation, and a 1.15 Service Factor. Fractional Farm Duty Motors are available in 1/3 - 2 HP, while Integral Farm Duty Motors come in 2 - 10 HP.

Specifications

- Output: 1/3 - 2 HP (Fractional)
2 - 10 HP (Integral)
- Speed: 1800 RPM
- Frequency: 60Hz
- Voltage: 115/230V (Fractional)
208-230V (Integral)
- Service Factor: 1.15 SF

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/FDM

Product Features

- Totally enclosed fan cooled (TEFC) enclosures
- High torque
- 1.15 SF
- Class F insulation
- Manual overload

Fractional Models

- IP54 protection
- Rigid base or C-Face with feet
- Dual-drilled feet for 56 and 140T
- Vacuum pressure impregnation (VPI) system
- Anti-rust film applied to rotor
- Capacitor start / induction run (1/3 - 1 HP)
- Capacitor start / capacitor run (1.5 - 2 HP) for reduced amperage and high torque
- Improved shaft seal on drive-end protects drive-end bearing from moisture and contaminants

Integral Models

- IP55 Protection
- Rigid base or C-face with feet
- Dual-drilled feet
- Capacitor start / capacitor run for reduced amperage and high torque
- Shaft seals on both ends of the motor
- Cast aluminum endbells

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

Additional Agricultural Products from WorldWide Electric



WorldWide Electric's Vertical Hollow Shaft Motors are designed for deep well & ground water pumping applications. Learn more at wwec.co/VHS



WorldDrive 4X VFDs are designed to withstand harsh outdoor conditions. Learn more at wwec.co/WD4X



Our Shaft Mount Reducers are dimensionally equivalent to most brand name reducers. Learn more at wwec.co/SMRS

Model Number Selection

Each model number contains the product family, HP, RPM, and NEMA frame size.

Fractional Models

Sample Model Number: FM34-18-56



Integral Models

Sample Model Number: FD7.5-18-215T



*Please note that HP ratings with a decimal will carry a decimal to the model number, i.e. 1.5 HP becomes FM1.5-18-56H. HP ratings listed in fractions will drop the slash, i.e. 1/3 HP becomes FM13-18-56.

Available Models

Fractional Models

Product Family	HP	RPM	Frame Size
FM	1/3	1800	56, 56C
	1/2	1800	56, 56C
	3/4	1800	56, 56C
	1	1800	56, 56C
	1.5	1800	56H, 56HC
	2	1800	56HZ, 56HZC

Integral Models

Product Family	HP	RPM	Frame Size
FD	2	1800	145T, 145TC, 182T
	3	1800	184T, 184TC
	5	1800	184T, 184TC
	7.5	1800	215T, 215TC, 215TZ
	10	1800	215T, 215TC

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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.