



# AGRICULTURE

For use in farm & agriculture duty applications.

**HP** – 1/4 through 30 hp

**Phase** – Single and Three Phase

**RPM** – 3600 or 1800

**Voltage** –

- Single Phase, 115, 115/230, or 230 Volts, 60 Hz
- Three Phase, 230/460 Volts, 60 Hz

**Enclosure** – Totally Enclosed Air Over & Totally Enclosed Fan Cooled Options

**Construction** – Rolled steel or aluminum frame

**Conduit Box** – Varies based on motor size and end use design

**Bearings** – Ball bearings

**Grease** – Mobil 28<sup>®</sup> Low Temperature Grease Standard in High Torque and Ultra High Torque Argi Duty motors

**Temp Rise** – Ambient 40°C

**Thermal Overload** –

- High Torque and Ultra High Torque available with manual reset overload protectors
- Motors available with automatic reset overload protectors or thermostats

**For Well Turbine Pumps, see Vertical Motor Section, Pages 245-258**



When it comes to motors for farm, dairy, agricultural, horticultural and aquacultural duty applications, there's only one brand you need to know: U.S. Motors<sup>®</sup> brand.

Our motors are built for performance, efficiency and longevity — three benefits that you require from your motors. U.S. Motors<sup>®</sup> brand offers one of the broadest selections of ag duty motors in the industry...motors for virtually any agricultural application including:

**Bin Loading and Unloading Systems**

- Center drive auger
- Top drive auger
- Horizontal power head
- Bucket elevators

**Material Handling**

- Chain conveyors
- Bucket elevators
- Drag conveyors
- Pit conveyors

**Feed Delivery Systems**

- Poultry
- Swine
- Cattle

**Grain Aeration and Conditioning**

- Vane axial fans
- Centrifugal fans
- Inline centrifugal fans
- Heaters

**Ventilation**

- Poultry house vent fans
- Pit vent fans
- Livestock house fans
- Greenhouses
- Direct and belt drive fans
- Curtain motors
- Hatcher and setter motors
- Crop dryers

**Additional Applications**

- Agitators
- Compressors
- Hay hoists
- Barn cleaners
- Silo unloaders
- Irrigation pumps
- Transfer pumps
- Pressure washers
- Center Pivot Gear Motors

† All marks shown within this document are properties of their respective owners.