



**AMPRO ELECTRIC LTD.**



**AMPRO ELECTRIC'S QUALITY PRODUCTS**

# Farm Duty Motor Catalog

**[Amproelectric.com](http://Amproelectric.com)**

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# US Farm Duty Motors

## Single Phase

### Agri Duty Motor



- Class B or F insulation
- Shaft Slinger
- Manual Reset thermal overload protector.
- Continuous duty 1.15 Service Factor
- Capacitor Start
- Fully Gasketed, Reversible
- Single Phase C-Flange installed



FD13CM2PC	US FARM DUTY MOTOR 1PH 1/3HP 1800RPM 115/230V 56C TEFC W/ BASE	Stock Item
FD12CM2PC	US FARM DUTY MOTOR 1PH 1/2HP 1800RPM 115/230V 56C TEFC W/ BASE	Stock Item
FD34CM2PC	US FARM DUTY MOTOR 1PH 3/4HP 1800RPM 115/230V 56C TEFC W/ BASE	Stock Item
FD1CM2PHC	US FARM DUTY MOTOR 1PH 1.0HP 1800RPM 115/230V 56C TEFC W/ BASE	Stock Item
FD32CPM2PHC	US FARM DUTY MOTOR 1PH 1.5HP 1800RPM 115/230V 56C TEFC W/ BASE	Stock Item
FD32CM2P14	US FARM DUTY MOTOR 1PH 1.5HP 1800RPM 115/230V 145T TEFC W/ BASE	Stock Item
FD2CM2PHC	US FARM DUTY MOTOR 1PH 2.0HP 1800RPM 115/230V 56HZC TEFC W/ BASE	Stock Item



- Class F insulation
- Shaft Slinger
- Manual reset thermal overload protector.
- Fully gasketed, reversible
- Continuous Duty with 1.15 service factor
- Ultra High Torque Motor



FD2CM2P18	US FARM DUTY MOTOR 1PH 2.0HP 1800RPM 115/230V 182T TEFC	Stock Item
FDU3CM2K18	US FARM DUTY MOTOR 1PH 3.0HP 1800RPM 230V 184T TEFC	Stock Item
FDU5CM2K18	US FARM DUTY MOTOR 1PH 5.0HP 1800RPM 230V 184T TEFC	Stock Item
FDU7CM2K21	US FARM DUTY MOTOR 1PH 7.5HP 1800RPM 230V 215T TEFC 1-3/8"	Stock Item
FDU7CM2K21Z	US FARM DUTY MOTOR 1PH 7.5HP 1800RPM 230V 215TZ TEFC 1-1/8"	Stock Item
FDU10CM2K21	US FARM DUTY MOTOR 1PH 10HP 1800RPM 230V 215T TEFC 1-3/8"	Stock Item



# Leeson Farm Duty Motors Single Phase



## INDUSTRY AG

- Manual overload protected.
- 1.15 Service Factor
- Weather resistant reset button protection
- Capacitor start provides high starting torque.
- Drive End Shaft Slinger

M002256	LEESON FARM MOTOR 1PH 1/3HP 1800RPM 115/230V 56 TEFC	Stock Item
M009086	LEESON FARM MOTOR 1PH 1/2HP 1800RPM 115/230V 56 TEFC	Stock Item
M009087	LEESON FARM MOTOR 1PH 3/4HP 1800RPM 115/230V 56 TEFC	Stock Item
M009088	LEESON FARM MOTOR 1PH 1.0HP 1800RPM 115/230V 56 TEFC	Stock Item
M009089	LEESON FARM MOTOR 1PH 1.5HP 1800RPM 115/230V 56 TEFC	Stock Item
M009090	LEESON FARM MOTOR 1PH 2.0HP 1800RPM 230V 56HZ TEFC	Stock Item



## LEESON MOTORS

- 1.15 Service Factor
- Manual Overload protected
- Drive End Shaft Slinger
- Low temperature manual overload protected.
- High starting torque ratings



131541	LEESON FARM MOTOR 1PH 2HP 115/230V 1800 182T TEFC	Stock Item
131542	LEESON FARM MOTOR 1PH 3HP 230V 1800 184T TEFC	Stock Item
131543	LEESON FARM MOTOR 1PH 5HP 230V 1800 184T TEFC	Stock Item
141427	LEESON FARM MOTOR 1PH 7.5HP 230V 1800 215TZ 1-1/8"	Stock Item
140707	LEESON FARM MOTOR 1PH 7.5HP 230V 1800 215T TEFC	Stock Item
140706	LEESON FARM MOTOR 1PH 10HP 230V 1800 215T TEFC 1-3/8"	Stock Item
140414	LEESON FARM MOTOR 1PH 10HP 230V 1800 215T TEFC 1-3/8" EXTRA HIGH TORQUE	Stock Item



## LEESON MOTORS

- 335% starting torque.
- High Efficiency
- Oversized sealed bearings
- Epoxy paint



851150	MTR 1PH 15HP 208/230 1800 256TZ FARM DUTY LEESON 64.5/58AMPS TEFC	Call
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# Auger Motors



## US ELECTRIC AUGER DUTY MOTORS

- Manual reset thermal overload protector.
- Capacitor Start
- 1/2hp to 1.5hp



FD12CM2PZY	AUGER MOTOR 1PH 1/2HP 115/230V 1800 56Y TEFC ½" SHAFT	Stock Item
FD34CM2PZY	AUGER MOTOR 1PH 3/4HP 115/230V 1800 56Y TEFC ½" SHAFT	Stock Item
FD1CM2PZY	AUGER MOTOR 1PH 1HP 115/230V 1800 56Y FOOTED TEFC 5/8" SHAFT	Stock Item
FD32CM2PHZY	AUGER MOTOR 1PH 1.5HP 115/230V 1800 56HY FOOTED TEFC 5/8" SHAFT	Stock Item



## LEESON AUGER MOTORS

- Manual overload protected.
- Mechanical switch has over-speed protection
- Stub shaft on ODE for manual jogging



117888	AUGER MOTOR 1PH 1/2HP 115/230V 1800 56Y ½" SHAFT	Stock Item
117889	AUGER MOTOR 1PH 3/4HP 115/230V 1800 56Y ½" SHAFT	Stock Item
117883	AUGER MOTOR 1PH 1HP 115/230V 1800 56Y 5/8" SHAFT	Stock Item
117884	AUGER MOTOR 1PH 1.5HP 115/230V 1800 56HY 5/8" SHAFT	Stock Item



# Auger Motors and Gearboxes



## TOLEDO AUGER GEARBOX

- Induction Hardened Teeth on all gears and pinions.
- Die cast aluminum housing, precision machines for accurate shaft alignment.
- Ball bearings on output shaft

M164XRE	TOLEDO INLINE GEARBOX 156RPM OUTPUT SHAFT 0.866"	Stock Item
M164ERE	TOLEDO INLINE GEARBOX 189RPM OUTPUT SHAFT 0.866"	Stock Item
M164LRE	TOLEDO INLINE GEARBOX 266RPM OUTPUT SHAFT 0.866"	Stock Item
M164FRE	TOLEDO INLINEGEARBOX 358RPM OUTPUT SHAFT 0.866"	Stock Item
M164CRE	TOLEDO INLINEGEARBOX 441RPM OUTPUT SHAFT 0.866"	Stock Item
M164DRM	TOLEDO INLINEGEARBOX 539RPM OUTPUT SHAFT 0.866"	Stock Item
M164FE5/8	TOLEDO INLINE GEARBOX 358RPM OUTPUT SHAFT 0.625"	Stock Item



## Toledo Pinion Gears

For use with all Toledo Gearboxes

16146	PINION GEAR 5/8" (LONG) USE WITH M1627 & 56C MOTOR	Stock Item
1614MX	PINION GEAR 5/8" 56N MOUNT TOLEDO (STANDARD)	Stock Item
1614MX5	TOLEDO PINION GEAR 1/2 INCH	Stock Item
M1627	56C TO 56N ADAPTER	Stock Item

## M1627

Use the 56c to 56N adapter for use on 3phase motors for applications that require the 3 phase auger drives. Use Pinion 16146 when using the M1627 adapter.

