

**BALDOR**

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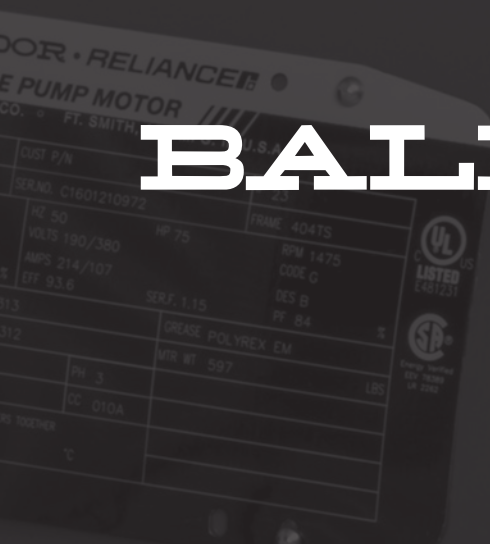
**LOCAL**

**NEW PRODUCTS**

**EFFICIENCY LEADER**

**INVENTORY**

**BALDOR** • **RELIANCE**



**501**

Effective: June 1, 2016

**STANDARD PRODUCT CATALOG**

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**Abbreviations:** The Basic Baldor catalog number consists of a letter(s) prefix and several non-significant preceding numbers. A suffix letter(s) and/or number(s) may also be part of the catalog number. For example L3510 or L3510T. Following is a list of prefix and suffix definitions.

| Motors Prefix |  |  |
|---------------|--|--|
| AEM           | Automotive Motor, Three Phase  | IDWNM Washdown Inverter Drive Motor, TENV                                |
| AFL           | Aeration Fan Motor, Single Phase                                     | IDXM Explosion Proof Inverter Drive Motor, TEFC                          |
| AFM           | Aeration Fan Motor, Three Phase                                      | IDXCM Explosion Proof Inverter Drive Motor, TEFC, C-Face With Base       |
| ANFL          | Auger Fan Motor, Single Phase  | IM Irrigation Drive Motor  |
| AOM           | Air Over Motor, Three Phase  | IR Instant Reversing Single Phase Farm Motor                             |
| AP            | Subfractional Hp, PM Motor   | J 56J Stainless Steel Threaded Shaft with Dripcover/ Jet Pump            |
| B             | Brake Motor  | JM JM Pump Shaft and Face  |
| BN            | Brake Motor, TENV enclosure  | JP JP Pump Shaft & Face with Base/ Close Coupled Pump                    |
| BTG           | Tachometer Generator   | JPM JP Pump Shaft and Face with Base, Three Phase / Close Coupled Pump   |
| C             | NEMA C-Face with Base  | JS Square Flange Pump Mount Motors with Threaded Shaft                   |
| CD            | Wound Field DC Motor NEMA C-Face with Base                           | K Model 34 Diameter Motor with 56 C-Face, Less Base                      |
| CDMG          | Lifting Magnet Generator, C-Face                                     | L Single Phase Motor   |
| CDP           | PM SCR Drive Motor   | M Three Phase Motor  |
| CDPSWD        | Paint Free Washdown PM SCR Drive Motor C-Face with Base              | MM Metric Dimension Motor with Base                                      |
| CDPT          | PM SCR Drive Motor with Integral Tachometer                          | MP Metering Pump Motor, Three Phase                                      |
| CDPWD         | Washdown PM SCR Drive Motor NEMA C-Face with Base                    | MVM Metric Dimension Motor, Flange Mount less Base, Three Phase          |
| CDPX          | Explosion Proof PM SCR Drive Motor C-Face with Base                  | N Totally Enclosed Non-Ventilated Motor                                  |
| CDX           | Explosion Proof Wound Field DC Motor, NEMA C-Face                    | OF Oil Field Motor, Design D, High Slip                                  |
| CEL           | Super-E Premium Efficient Motor, Single Phase, C-Face                | PCL Pressure Washer Motor, C-Face with base, Single Phase                |
| CEM           | Super-E Premium Efficient Motor, Three Phase, C-Face                 | PFTG Tachometer Generator Foot Mount                                     |
| CFC           | Condenser Fan Motor, Permanent Split Capacitor                       | PL Pressure Washer Motor, Single Phase                                   |
| CFM           | Condenser Fan Motor, Three Phase                                     | PSC Permanent Split Capacitor Motor                                      |
| CHC           | Direct Drive Fan Motor, Permanent Split Capacitor                    | PTG Tachometer Generator   |
| CHL           | Direct Drive Fan Motor, Single Phase                                 | R Repulsion-Start Induction-Run Motor                                    |
| CHM           | Direct Drive Fan Motor, Three Phase                                  | RBM High Cycle Brake Motor, Three Phase                                  |
| CJWDM         | Washdown Jet Pump, Three Phase, Foot Mounted                         | RHM Definite Purpose HVAC Motors, Three Phase                            |
| CP            | Severe Duty Motor  | RL Resilient Base Motor (Cradle Mount), Single Phase                     |
| CR            | Crusher Duty Motor   | RM Resilient Base Motor (Cradle Mount), Three Phase                      |
| CSC           | Checkout Stand Motor   | SPM Synchronous Permanent Magnet Motor                                   |
| CTM           | Cooling Tower Motor, Three Phase                                     | SSEWDM All Stainless Encapsulated Super-E Washdown Motor, Three Phase    |
| CDM           | Dirty Duty - Three Phase, C-Face                                     | SSWDM All Stainless Washdown, Three Phase                                |
| D             | Wound Field DC Motor   | SWDM Paint Free Washdown Duty Motor, Three Phase                         |
| DDC           | Direct Drive, Indoor Blower Motor, Permanent Split Capacitor         | UCC Universal Crop Dryer Motor, Permanent Split Capacitor, Open Air Over |
| DEL           | Dairy/Vacuum Pump Motor, Single Phase                                | UCCE Universal Crop Dryer Motor, Permanent Split Capacitor, TEAO         |
| DM            | Dirty Duty - Three Phase   | UCL Grain Dryer/Vane Axial Fan, Single Phase, Open Air Over              |
| E             | Super-E Premium Efficient Motor                                      | UCLE Grain Dryer/Vane Axial Fan, Single Phase, TEAO                      |
| ECP           | Super-E Severe Duty Motor  | UCM Grain Dryer/Vane Axial Fan, Three Phase, Open Air Over               |
| ECP6          | IEEE 661 Motor   | UCME Grain Dryer/Vane Axial Fan, Three Phase, TEAO                       |
| ECP8          | IEEE 841 Motor   | UH Unit Handling Motor   |
| ENCP          | Super-E Severe Duty Motor, TENV                                      | UHM Unit Handling Motor, Three Phase                                     |
| ENCP8         | IEEE 841 Motor, TENV   | V NEMA C-Face Less Base  |
| F             | TEFC Motor (when special)  | V2L Two Compartment Jet Pump Motor C-Face less Base, Single Phase        |
| FDL           | Farm Duty Motor, Single Phase  | VEM Super-E Premium Efficient Motor, Three Phase, C-Face, Less Base      |
| FDEM          | Farm Duty Motor, Three Phase, Premium Efficient, Standard NEMA Frame | VHECP Super-E Vertical Pump Motor, Severe Duty - Normal Thrust           |
| FLT           | Filter Kit   | VHM Vertical Pump Motor - Normal Thrust, Three Phase                     |
| FM            | F-2 Mounted Motor  | VLCP Vertical Pump Motor, Severe Duty - Medium Thrust                    |
| FP            | Fire Pump Motor  | VP PM SCR Drive Motor with Metric Flange or C-Face                       |
| FVB           | Blower Kit   | VPCP Vertical Pump Motor, Severe Duty - High Thrust                      |
| FWDM          | Washdown Duty Motor, TEFC, Three Phase                               | WC West Coast Fit TCZ  |
| GD            | Grain Dryer Centrifugal Fan Motor                                    | WD Washdown Duty Motor   |
| GSL           | Grain Stirring Motor, Single Phase                                   | WDBM Washdown Brake Motor, Three Phase                                   |
| HFM           | HVAC Duty, F-2 Mounted Connection Box, Three Phase                   | YPC Yoke Pedestal Fan Motor, Permanent Split Capacitor                   |
| HIC           | Incubator/Hatchery Vent Fan Motor, Permanent Split Capacitor         | ZDBRPM RPMAC Vector Drive Motor - Laminated Frame, TEBC                  |
| HM            | HVAC Duty Motor, Three Phase   | ZDFRPM RPMAC Vector Drive Motor - Laminated Frame, TEFC                  |
| HPM           | Hydraulic Pump Motor, Three Phase                                    | ZDM Vector Drive Motor, TEBC   |
| IDBRPM        | RPMAC Inverter Drive Motor - Laminated Frame, TEBC                   | ZDNM Vector Drive Motor, TENV  |
| IDCSWDM       | Inverter Drive Motor, Paint Free Washdown, C-Face with Base          | ZDNRPM RPMAC Vector Drive Motor - Laminated Frame, TENV                  |
| IDDRPM        | RPMAC Inverter Drive Motor - Laminated Frame, DPG-FV                 | ZDPM RPMAC Permanent Magnet Rotor - Laminated Frame                      |
| IDFRPM        | RPMAC Inverter Drive Motor - Laminated Frame, TEFC                   | ZDVSCP VS Master Severe Duty Vector Drive Motor                          |
| IDM           | Inverter Drive Motor, TEBC   | ZDVSM VS Master Vector Drive Motor                                       |
| IDNM          | Inverter Drive Motor, TENV   | ZDVSNCP VS Master Severe Duty Vector Drive Motor, TENV                   |
| IDNRPM        | RPMAC Inverter Drive Motor - Laminated Frame, TENV                   | ZDVSNM VS Master Vector Drive Motor, TENV                                |
| IDVSM         | VS Master Inverter Drive Motor                                       | ZDWNM Washdown Vector Drive Motor, TENV                                  |
| IDVSNM        | VS Master Inverter Drive Motor, TENV                                 | ZDVSNM VS Master Vector Drive Motor, TENV                                |
| IDVSWDM       | Inverter Drive Motor, Paint Free Washdown, C-Face Less Base          | ZDWNM Washdown Vector Drive Motor, TENV                                  |



General Information

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Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

### Gearing Prefix

|       |  |
|-------|--|
| BK    | Single Phase Gearmotor Kit   |
| G     | Subfractional Hp Gear Motor  |
| DR    | Double Reduction Adapter Kit   |
| GC    | Subfractional Hp Gear Motor Permanent Split Capacitor and Split Phase                                    |
| GCP   | Parallel Shaft Subfractional Hp Gear Motor Permanent Split Capacitor and Split Phase                     |
| GF    | 900 Series Reducers  |
| GHF   | 900 Series Hollow Shaft Reducers   |
| GHH   | H50 Hollow Shaft Reducers  |
| GHL   | Hollow Shaft Subfractional Hp Gear Motor Capacitor Start Induction Run and Capacitor Start Capacitor Run |
| GHM   | Hollow Shaft Subfractional Hp Gear Motor Three Phase   |
| GIF   | Inline Helical Reducers  |
| GLF   | 900 Series Flanged Coupling Reducers   |
| GLP   | Subfractional Hp Gear Motor Capacitor Start Induction Run and Capacitor Start Capacitor Run              |
| GM    | Subfractional Hp Gear Motor Three Phase  |
| GMP   | Parallel Shaft Subfractional Hp Gear Motor Three Phase   |
| GP    | PM Subfractional Hp Gear Motor   |
| GPP   | PM Parallel Shaft Subfractional Hp Gear Motor  |
| GS    | 900 Series Solid Shaft Reducers  |
| GSF   | Universal Series Right Angle Gear Reducers   |
| IDGM  | Inverter Drive Subfractional Hp Gear Motor   |
| IDGMP | Inverter Drive Parallel Shaft Subfractional Hp Gear Motor  |
| SSGF  | Stainless Steel 900 Series Flanged Quill Reducers  |
| SSGHF | Stainless Steel 900 Series Hollow Shaft Reducers   |
| WDGF  | Washdown 900 Series Flanged Quill Reducers   |
| TA    | Torque Arm   |

### Kits & Accessories Prefix

|     |                               |
|-----|-------------------------------|
| BLW | Blower Kit                    |
| BU  | Bushing Kit                   |
| CBL | Cable Assembly                |
| CC  | Corrective Capacitor Bank     |
| EN  | Encoder Kit                   |
| FCD | Drip Cover Kit                |
| FFC | Fan Cover/Conduit Box Kit     |
| FL  | Flange Kit                    |
| RBT | Roller Bearing Conversion Kit |
| RES | Resolver Feedback Kit         |
| TK  | Tachometer Mounting Kit       |

### Motors Suffix

|       |                                   |
|-------|-----------------------------------|
| /35   | Full 140 Frame Band Diameter      |
| /36   | Full 180 Frame Band Diameter      |
| -2    | 120/240V Field                    |
| -2/4  | 200/400 Volt Winding              |
| -4    | 460 Volt Winding                  |
| -5    | 575 Volt Winding                  |
| -8    | 200 Volt Winding                  |
| -9    | NEMA Design C High Torque Winding |
| -12   | 12 Leads                          |
| -50   | Wound for 50 Hertz Service        |
| -57   | 230/380-415 Volt Winding          |
| -58   | 380-415 Volt Y-Start/Delta-Run    |
| -277  | 277 Volt Winding                  |
| -2340 | 2300/4000 Volt Winding            |
| -AP   | Aluminum Process Performance      |
| -PP   | Cast Iron Process Performance     |
| -BG   | Baldor Shaft Ground Motor         |
| -BV   | Blower Vented                     |
| -C    | Listing includes Class I, Group C |
| -CI   | Cast Iron Frame                   |
| -D    | Dodge D-Series Brake              |
| -EX1  | Ex nA                             |
| -EX2  | Ex d                              |
| -EX3  | Ex de                             |

### -G

|     |  |
|-----|--|
| -I  | Explosion-Proof, 1.15 Service Factor   |
| -NL | Non Linear - For VFD use   |
| -P  | Partial AC Motor Excludes Pulley Endplate  |
| -S  | Dodge Short-Series Brake   |
| -TP | Refrigerator Fan Motor   |
| A   | Automatic Thermal Overload   |
| C   | IEC Frame B14 Face Mount   |
| D   | IEC Frame B5 Flange Mount  |
| E   | New electrical design  |
| L   | Long shafted motor with Ball bearings that may be converted to have D.E. Roller bearing. |
| LR  | Long shafted motor with D.E. Roller bearing that may be converted to Ball bearings.      |
| M   | Manual Thermal Overload  |
| P   | Wound Field DC Motor NEMA "AT" Frame   |
| S   | Motor has a short shaft for coupled loads  |
| T   | NEMA "T" Frame Dimensions  |
| TP  | Feather Picker Motor   |
| TR  | NEMA "T" Frame - Roller Bearing  |
| TS  | NEMA "T" Frame - Short Shaft   |
| Y   | Special Mounting Dimension   |

### Aegis Shaft Ground Motor

### Gearing Suffix

|                  |                                |
|------------------|--------------------------------|
| 900 Series       |                                |
| A                | 56C Motor Flange               |
| B                | 140TC Motor Flange             |
| C                | 180TC Motor Flange             |
| G                | Left Hand Output Shaft         |
| H                | Double End Output Shaft        |
| J                | Right Hand Output Shaft        |
| Universal Series |                                |
| A                | 56C or Right Hand Output Shaft |
| B                | 140TC Motor Flange             |
| C                | 180TC Motor Flange             |

### Grinders Suffix

|   |                |
|---|----------------|
| D | Deluxe         |
| E | Exhaust Guards |
| W | Wide Design    |

**Close-Coupled Pump, Three Phase, Foot Mounted,  
With Internal Aegis® Bearing Protection Ring**

1 thru 20 Hp



**Features:**

- Internal grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use
- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® Motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- Commercial pumps
- Pairing with a Speed Drive
- General Purpose Pumps
- Industrial Pumps
- Food and Beverage
- Agricultural

| Hp                                 | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a) |
|------------------------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------|
| <b>Totally Enclosed Fan Cooled</b> |      |            |                |            |            |          |                |                      |         |                |           |
| 3                                  | 3600 | 182JM      | EJMM3610T-G    | 1,157      | L1         | 16.91    | 60             | 86.5                 | 230/460 | 3.6            | 30        |
|                                    | 1800 | 182JM      | EJMM3611T-G    | 1,252      | L1         | 18.06    | 76             | 89.5                 | 230/460 | 4.2            | 30        |
| 5                                  | 3600 | 184JM      | EJMM3613T-G    | 1,333      | L1         | 18.06    | 81             | 88.5                 | 230/460 | 5.9            | 30        |
|                                    | 1800 | 184JM      | EJMM3615T-G    | 1,255      | L1         | 19.56    | 93             | 89.5                 | 230/460 | 6.7            | 30        |
| 7 1/2                              | 3600 | 213JM      | EJMM3709T-G    | 1,735      | L1         | 19.76    | 124            | 89.5                 | 230/460 | 9              | 30        |
|                                    | 1800 | 213JM      | EJMM3710T-G    | 1,854      | L1         | 20.89    | 134            | 91.7                 | 230/460 | 9.4            | 30        |
| 10                                 | 3600 | 215JM      | EJMM3711T-G    | 1,953      | L1         | 19.76    | 124            | 90.2                 | 230/460 | 11.8           | 30        |
|                                    | 1800 | 215JM      | EJMM3714T-G    | 2,133      | L1         | 22.38    | 165            | 91.7                 | 230/460 | 12             | 30        |
| 15                                 | 3600 | 254JM      | EJMM2394T-G    | 3,384      | L1         | 25.30    | 260            | 91                   | 230/460 | 17.5           | 30        |
|                                    | 1800 | 254JM      | EJMM2333T-G    | 3,357      | L1         | 25.30    | 265            | 92.4                 | 230/460 | 18.1           | 30        |
| 20                                 | 3600 | 256JM      | EJMM4106T-G    | 3,697      | L1         | 25.30    | 274            | 91                   | 230/460 | 23             | 30        |
|                                    | 1800 | 256JM      | EJMM2334T-G    | 3,750      | L1         | 25.30    | 308            | 93                   | 230/460 | 24             | 30        |
| <b>Open Drip Proof</b>             |      |            |                |            |            |          |                |                      |         |                |           |
| 1                                  | 1800 | 143JM      | EJMM3116T-G    | 873        | L1         | 13.75    | 37             | 85.5                 | 230/460 | 1.5            | 30        |
| 1 1/2                              | 1800 | 145JM      | EJMM3154T-G    | 931        | L1         | 13.75    | 41             | 86.5                 | 230/460 | 2.2            | 30        |
| 2                                  | 1800 | 145JM      | EJMM3157T-G    | 1,003      | L1         | 14.25    | 44             | 86.5                 | 230/460 | 2.9            | 30        |
| 3                                  | 3600 | 145JM      | EJMM3158T-G    | 1,116      | L1         | 15.13    | 51             | 85.5                 | 230/460 | 3.8            | 30        |
|                                    | 1800 | 182JM      | EJMM3211T-G    | 1,134      | L1         | 16.50    | 74             | 89.5                 | 230/460 | 4.2            | 30        |
| 5                                  | 3600 | 182JM      | EJMM3212T-G    | 1,340      | L1         | 15.12    | 64             | 86.5                 | 230/460 | 6              | 30        |
|                                    | 1800 | 184JM      | EJMM3218T-G    | 1,255      | L1         | 18.00    | 88             | 89.5                 | 230/460 | 6.6            | 30        |
| 7 1/2                              | 3600 | 184JM      | EJMM3219T-G    | 1,546      | L1         | 16.50    | 78             | 88.5                 | 230/460 | 8.6            | 30        |
|                                    | 1800 | 213JM      | EJMM3311T-G    | 1,831      | L1         | 18.19    | 120            | 91                   | 230/460 | 9.7            | 30        |
| 10                                 | 3600 | 213JM      | EJMM3312T-G    | 1,984      | L1         | 18.19    | 121            | 89.5                 | 230/460 | 12             | 30        |
|                                    | 1800 | 215JM      | EJMM3313T-G    | 1,959      | L1         | 19.31    | 132            | 91.7                 | 230/460 | 12.5           | 30        |
| 15                                 | 3600 | 215JM      | EJMM3314T-G    | 2,479      | L1         | 18.19    | 134            | 90.2                 | 230/460 | 17.5           | 30        |
|                                    | 1800 | 254JM      | EJMM2513T-G    | 2,804      | L1         | 23.19    | 213            | 93                   | 230/460 | 17.7           | 30        |

(a) See notes on inside back flap.

■ Cast Iron Frame

**Super-E<sup>®</sup>, Three Phase, TEFC, Foot Mounted, with Internal AEGIS<sup>®</sup> Bearing Protection Ring**

1 thru 100 Hp



**Features:**

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications

| Hp                  | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a) |
|---------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------|
| <b>230/460 Volt</b> |      |            |                |            |            |          |                |                      |         |                |           |
| 1                   | 3600 | 56         | EM3545-G       | 796        | K          | 12.23    | 32             | 77                   | 230/460 | 1.4            | 12, 30    |
|                     | 1800 | 143T       | EM3546T-G      | 872        | L1         | 12.31    | 30             | 85.5                 | 230/460 | 1.5            | 30        |
|                     | 1200 | 145T       | EM3556T-G      | 1,012      | L1         | 13.31    | 43             | 82.5                 | 230/460 | 1.8            | 30        |
| 1 1/2               | 3600 | 143T       | EM3550T-G      | 892        | L1         | 12.29    | 36             | 84                   | 230/460 | 1.9            | 30        |
|                     | 1800 | 145T       | EM3554T-G      | 900        | L1         | 13.31    | 42             | 86.5                 | 230/460 | 2.2            | 30        |
|                     | 1200 | 182T       | EM3607T-G      | 1,186      | L1         | 16.54    | 76             | 87.5                 | 230/460 | 2.4            | 30        |
| 2                   | 3600 | 145T       | EM3555T-G      | 961        | L1         | 13.29    | 46             | 85.5                 | 230/460 | 2.5            | 30        |
|                     | 1800 | 145T       | EM3558T-G      | 927        | L1         | 13.31    | 42             | 86.5                 | 230/460 | 2.9            | 30        |
|                     | 1200 | 184T       | EM3614T-G      | 1,234      | L1         | 18.04    | 94             | 88.5                 | 230/460 | 3.5            | 30        |
| 3                   | 3600 | 145T       | EM3559T-G      | 1,037      | L1         | 14.17    | 53             | 86.5                 | 230/460 | 3.6            | 30        |
|                     |      | 182T       | EM3610T-G      | 1,079      | L1         | 15.29    | 57             | 86.5                 | 230/460 | 3.6            | 30        |
|                     | 1800 | 182T       | EM3611T-G      | 1,037      | L1         | 16.54    | 74             | 89.5                 | 230/460 | 4.2            | 30        |
| 5                   | 1200 | 213T       | EM3704T-G      | 1,570      | L1         | 19.01    | 135            | 89.5                 | 230/460 | 4.6            | 30        |
|                     | 3600 | 184T       | EM3613T-G      | 1,175      | L1         | 16.54    | 76             | 88.5                 | 230/460 | 5.9            | 30        |
|                     | 1800 | 184T       | EM3615T-G      | 1,116      | L1         | 18.04    | 92             | 89.5                 | 230/460 | 6.7            | 30        |
| 7 1/2               | 1200 | 215T       | EM3708T-G      | 1,745      | L1         | 19.76    | 154            | 89.5                 | 230/460 | 7.3            | 30        |
|                     | 3600 | 213T       | EM3709T-G      | 1,686      | L1         | 17.89    | 133            | 89.5                 | 230/460 | 9              | 30        |
|                     | 1800 | 213T       | EM3710T-G      | 1,547      | L1         | 19.01    | 129            | 91.7                 | 230/460 | 9.4            | 30        |
| 10                  | 1200 | 254T       | EM2276T-G      | 2,842      | L1         | 23.30    | 281            | 91                   | 230/460 | 11             | 30        |
|                     | 3600 | 215T       | EM3711T-G      | 1,706      | L1         | 17.89    | 118            | 90.2                 | 230/460 | 11.8           | 30        |
|                     | 1800 | 215T       | EM3714T-G      | 1,718      | L1         | 20.51    | 156            | 91.7                 | 230/460 | 12             | 30        |
| 15                  | 1200 | 256T       | EM2332T-G      | 3,202      | L1         | 23.30    | 322            | 91                   | 230/460 | 14.1           | 30        |
|                     | 3600 | 254T       | EM2394T-G      | 2,813      | L1         | 23.30    | 239            | 91                   | 230/460 | 17.5           | 30        |
|                     | 1800 | 254T       | EM2333T-G      | 2,599      | L1         | 23.30    | 270            | 92.4                 | 230/460 | 18.1           | 30        |
| 20                  | 1200 | 284T       | EM4100T-G      | 4,257      | L1         | 27.76    | 369            | 91.7                 | 230/460 | 21             | 30        |
|                     | 3600 | 256T       | EM4106T-G      | 3,059      | L1         | 23.30    | 261            | 91                   | 230/460 | 23             | 30        |
|                     | 1800 | 256T       | EM2334T-G      | 3,089      | L1         | 23.30    | 295            | 93                   | 230/460 | 24             | 30        |
| 25                  | 1200 | 286T       | EM4102T-G      | 5,543      | L1         | 27.76    | 393            | 91.7                 | 230/460 | 27             | 30        |
|                     | 3600 | 284TS      | EM4107T-G      | 3,986      | L1         | 24.70    | 323            | 91.7                 | 230/460 | 29             | 30        |
|                     | 1800 | 284T       | EM4103T-G      | 4,034      | L1         | 27.76    | 400            | 93.6                 | 230/460 | 30             | 30        |
| 30                  | 1200 | 324T       | EM4111T-G      | 6,301      | L1         | 30.39    | 507            | 93                   | 230/460 | 32             | 30        |
|                     | 3600 | 286TS      | EM4108T-G      | 4,665      | L1         | 24.70    | 336            | 91.7                 | 230/460 | 34             | 30        |
|                     | 1800 | 286T       | EM4104T-G      | 4,715      | L1         | 27.76    | 410            | 93.6                 | 230/460 | 38             | 30        |
| 40                  | 1200 | 326T       | EM4117T-G      | 7,209      | L1         | 30.28    | 604            | 93                   | 230/460 | 39             | 30        |
|                     | 3600 | 324TS      | EM4109T-G      | 6,333      | L1         | 28.78    | 532            | 92.4                 | 230/460 | 46             | 30        |
|                     | 1800 | 324T       | EM4110T-G      | 6,129      | L1         | 30.28    | 596            | 94.1                 | 230/460 | 48             | 30        |
| 50                  | 1200 | 364T       | EM4308T-G      | 9,257      | L1         | 33.48    | 883            | 94.1                 | 230/460 | 49.4           | 30        |
|                     | 3600 | 326TS      | EM4114T-G      | 6,885      | L1         | 28.78    | 584            | 93                   | 230/460 | 56             | 30        |
|                     | 1800 | 326T       | EM4115T-G      | 6,655      | L1         | 30.28    | 648            | 94.5                 | 230/460 | 58             | 30        |
|                     | 1200 | 365T       | EM4312T-G      | 11,010     | L1         | 33.48    | 910            | 94.1                 | 230/460 | 61.7           | 30        |

(a) See notes on inside back flap.   Cast Iron Frame

**Super-E®, Three Phase, TEFC, Foot Mounted, with Internal AEGIS® Bearing Protection Ring**

| Hp                            | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a) |
|-------------------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------|
| <b>230/460 Volt continued</b> |      |            |                |            |            |          |                |                      |         |                |           |
| 60                            | 3600 | 364TS      | EM4310T-G      | 9,875      | L1         | 31.36    | 900            | 95                   | 230/460 | 66.3           | 30        |
|                               | 1800 | 364T       | EM4314T-G      | 9,763      | L1         | 33.48    | 907            | 95                   | 230/460 | 68             | 30        |
| 75                            | 3600 | 365TS      | EM4313T-G      | 11,350     | L1         | 31.36    | 966            | 94.5                 | 230/460 | 81.9           | 30        |
|                               | 1800 | 365T       | EM4316T-G      | 11,273     | L1         | 33.48    | 956            | 95.4                 | 230/460 | 85.9           | 30        |
| 100                           | 1800 | 405T       | EM4400T-G      | 14,152     | L1         | 38.20    | 1214           | 95.4                 | 230/460 | 112            | 30        |
| <b>200 Volt</b>               |      |            |                |            |            |          |                |                      |         |                |           |
| 5                             | 1800 | 184T       | EM3665T-8G     | 1,350      | L1         | 15.23    | 119            | 89.5                 | 200     | 15.1           |           |
| 7 1/2                         | 1800 | 213T       | EM3770T-8G     | 1,725      | L1         | 18.45    | 170            | 91.7                 | 200     | 21.4           |           |
| 10                            | 1800 | 215T       | EM3774T-8G     | 1,908      | L1         | 18.45    | 231            | 91.7                 | 200     | 28             |           |
| 15                            | 1800 | 254T       | EM2333T-8G     | 2,599      | L1         | 23.30    | 254            | 92.4                 | 200     | 42.4           |           |
| <b>575 Volt</b>               |      |            |                |            |            |          |                |                      |         |                |           |
| 1                             | 1800 | 143T       | EM3546T-5G     | 872        | L1         | 12.31    | 35             | 85.5                 | 575     | 1.2            |           |
| 1 1/2                         | 1800 | 145T       | EM3554T-5G     | 900        | L1         | 13.31    | 42             | 86.5                 | 575     | 1.8            |           |
| 2                             | 1800 | 145T       | EM3558T-5G     | 927        | L1         | 13.31    | 46             | 86.5                 | 575     | 2.3            |           |
| 3                             | 1800 | 182T       | EM3611T-5G     | 1,037      | L1         | 16.54    | 76             | 89.5                 | 575     | 3.3            |           |
| 5                             | 1800 | 184T       | EM3615T-5G     | 1,116      | L1         | 18.04    | 84             | 89.5                 | 575     | 5.3            |           |
| 7 1/2                         | 1800 | 213T       | EM3710T-5G     | 1,547      | L1         | 19.01    | 126            | 91.7                 | 575     | 7.6            |           |
| 10                            | 1800 | 215T       | EM3714T-5G     | 1,718      | L1         | 20.51    | 165            | 91.7                 | 575     | 9.6            |           |
| 15                            | 1800 | 254T       | EM2333T-5G     | 2,599      | L1         | 23.30    | 250            | 92.4                 | 575     | 14.6           |           |
| 20                            | 1800 | 256T       | EM2334T-5G     | 3,089      | L1         | 23.30    | 293            | 93                   | 575     | 19.2           |           |
| 25                            | 1800 | 284T       | EM4103T-5G     | 4,034      | L1         | 27.76    | 364            | 93.6                 | 575     | 24             |           |
| 30                            | 1800 | 286T       | EM4104T-5G     | 4,715      | L1         | 27.76    | 423            | 93.6                 | 575     | 29             |           |
| 40                            | 1800 | 324T       | EM4110T-5G     | 6,129      | L1         | 30.28    | 576            | 94.1                 | 575     | 39             |           |
| 50                            | 1800 | 326T       | EM4115T-5G     | 6,655      | L1         | 30.28    | 644            | 94.5                 | 575     | 46             |           |

(a) See notes on inside back flap.

■ Cast Iron Frame

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors



**Super-E<sup>®</sup>, Three Phase, ODP, Foot Mounted, with Internal AEGIS<sup>®</sup> Bearing Protection Ring**

1 thru 100 Hp



**Features:**

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

**Applications:**

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications

| Hp                  | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a)  |
|---------------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|------------|
| <b>230/460 Volt</b> |      |            |                |            |            |          |                |                      |         |                |            |
| 1                   | 3600 | 56         | EM31115-G      | 703        | K          | 11.75    | 27             | 77                   | 230/460 | 1.6            | 12, 15, 30 |
|                     | 1800 | 143T       | EM3116T-G      | 877        | L1         | 11.12    | 34             | 85.5                 | 230/460 | 1.5            | 30         |
|                     | 1200 | 145T       | EM3156T-G      | 893        | L1         | 11.62    | 40             | 82.5                 | 230/460 | 1.8            | 30         |
| 1 1/2               | 3600 | 143T       | EM3120T-G      | 778        | L1         | 11.12    | 34             | 84                   | 230/460 | 2              | 30         |
|                     | 1800 | 145T       | EM3154T-G      | 909        | L1         | 11.62    | 38             | 86.5                 | 230/460 | 2.2            | 30         |
|                     | 1200 | 182T       | EM3207T-G      | 1,048      | L1         | 15.00    | 67             | 86.5                 | 230/460 | 2.5            | 30         |
| 2                   | 3600 | 143T       | EM3155T-G      | 884        | L1         | 11.62    | 41             | 85.5                 | 230/460 | 2.5            | 30         |
|                     | 1800 | 145T       | EM3157T-G      | 962        | L1         | 12.12    | 41             | 86.5                 | 230/460 | 2.9            | 30         |
|                     | 1200 | 184T       | EM3215T-G      | 1,067      | L1         | 16.50    | 79             | 87.5                 | 230/460 | 3.4            | 30         |
| 3                   | 3600 | 145T       | EM3158T-G      | 893        | L1         | 13.00    | 46             | 85.5                 | 230/460 | 3.8            | 30         |
|                     | 1800 | 182T       | EM3211T-G      | 1,055      | L1         | 15.00    | 72             | 89.5                 | 230/460 | 4.2            | 30         |
|                     | 1200 | 213T       | EM3305T-G      | 1,328      | L1         | 16.32    | 110            | 88.5                 | 230/460 | 4.5            | 30         |
| 5                   | 3600 | 182T       | EM3212T-G      | 991        | L1         | 13.62    | 63             | 86.5                 | 230/460 | 6              | 30         |
|                     | 1800 | 184T       | EM3218T-G      | 1,137      | L1         | 16.50    | 84             | 89.5                 | 230/460 | 6.6            | 30         |
|                     | 1200 | 215T       | EM3309T-G      | 1,672      | L1         | 17.45    | 141            | 89.5                 | 230/460 | 7.4            | 30         |
| 7 1/2               | 3600 | 184T       | EM3219T-G      | 1,456      | L1         | 15.00    | 75             | 88.5                 | 230/460 | 8.6            | 30         |
|                     | 1800 | 213T       | EM3311T-G      | 1,602      | L1         | 16.32    | 115            | 91                   | 230/460 | 9.7            | 30         |
|                     | 1200 | 254T       | EM2506T-G      | 2,032      | L1         | 23.19    | 243            | 90.2                 | 230/460 | 11             | 30         |
| 10                  | 3600 | 213T       | EM3312T-G      | 1,661      | L1         | 16.32    | 113            | 89.5                 | 230/460 | 12             | 30         |
|                     | 1800 | 215T       | EM3313T-G      | 1,893      | L1         | 17.45    | 127            | 91.7                 | 230/460 | 12.5           | 30         |
|                     | 1200 | 256T       | EM2511T-G      | 2,556      | L1         | 23.19    | 255            | 91.7                 | 230/460 | 14.3           | 30         |
| 15                  | 3600 | 215T       | EM3314T-G      | 2,266      | L1         | 16.32    | 126            | 90.2                 | 230/460 | 17.5           | 30         |
|                     | 1800 | 254T       | EM2513T-G      | 2,660      | L1         | 21.69    | 210            | 93                   | 230/460 | 17.7           | 30         |
|                     | 1200 | 284T       | EM2524T-G      | 3,428      | L1         | 23.81    | 280            | 91.7                 | 230/460 | 20.5           | 30         |
| 20                  | 3600 | 254T       | EM2514T-G      | 2,695      | L1         | 21.69    | 195            | 91                   | 230/460 | 23.5           | 30         |
|                     | 1800 | 256T       | EM2515T-G      | 2,890      | L1         | 21.69    | 227            | 93                   | 230/460 | 23.5           | 30         |
|                     | 1200 | 286T       | EM2528T-G      | 4,090      | L1         | 23.81    | 299            | 92.4                 | 230/460 | 27             | 30         |
| 25                  | 3600 | 256T       | EM2516T-G      | 3,177      | L1         | 21.69    | 212            | 91.7                 | 230/460 | 28             | 30         |
|                     | 1800 | 284T       | EM2531T-G      | 3,543      | L1         | 25.06    | 314            | 93.6                 | 230/460 | 30             | 30         |
|                     | 1200 | 324T       | EM2532T-G      | 4,941      | L1         | 27.69    | 384            | 93                   | 230/460 | 34             | 30         |
| 30                  | 3600 | 284TS      | EM2534T-G      | 3,781      | L1         | 22.44    | 310            | 91.7                 | 230/460 | 35             | 30         |
|                     | 1800 | 286T       | EM2535T-G      | 3,839      | L1         | 25.06    | 340            | 94.1                 | 230/460 | 35             | 30         |
|                     | 1200 | 326T       | EM2536T-G      | 5,134      | L1         | 28.69    | 457            | 93.6                 | 230/460 | 38             | 30         |
| 40                  | 3600 | 286TS      | EM2538T-G      | 4,762      | L1         | 22.44    | 328            | 92.4                 | 230/460 | 46             | 30         |
|                     | 1800 | 324T       | EM2539T-G      | 4,972      | L1         | 27.19    | 392            | 94.1                 | 230/460 | 49             | 30         |
|                     | 1200 | 364T       | EM2540T-G      | 7,170      | L1         | 30.69    | 606            | 94.1                 | 230/460 | 51             | 30         |
| 50                  | 3600 | 324TS      | EM2542T-G      | 5,232      | L1         | 25.69    | 392            | 93                   | 230/460 | 56             | 30         |
|                     | 1800 | 326T       | EM2543T-G      | 5,439      | L1         | 27.69    | 473            | 94.5                 | 230/460 | 57             | 30         |
| 60                  | 1800 | 364T       | EM2547T-G      | 7,117      | L1         | 30.69    | 616            | 95                   | 230/460 | 68             | 30         |
| 75                  | 1800 | 365T       | EM2551T-G      | 8,543      | L1         | 33.72    | 750            | 95                   | 230/460 | 87             | 30         |
| 100                 | 1800 | 404T       | EM2555T-4G     | 10,158     | L1         | 36.97    | 898            | 95.4                 | 460     | 115            |            |

(a) See notes on inside back flap. Red Catalog Number indicates NEW Product.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

**Super-E<sup>®</sup>, Three Phase, ODP, Foot Mounted, with Internal AEGIS<sup>®</sup> Bearing Protection Ring**

| Hp              | RPM  | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a) |
|-----------------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------|
| <b>200 Volt</b> |      |            |                |            |            |          |                |                      |         |                |           |
| 1               | 1800 | 143T       | EM3116T-8G     | 877        | L1         | 11.12    | 38             | 85.5                 | 200     | 3.5            |           |
| 1 1/2           | 1800 | 145T       | EM3154T-8G     | 909        | L1         | 11.62    | 37             | 86.5                 | 200     | 5.1            |           |
| 2               | 1800 | 145T       | EM3157T-8G     | 962        | L1         | 12.12    | 43             | 86.5                 | 200     | 6.5            |           |
| 3               | 1800 | 182T       | EM3211T-8G     | 1,055      | L1         | 15.00    | 74             | 89.5                 | 200     | 9.7            |           |
| 5               | 1800 | 184T       | EM3218T-8G     | 1,137      | L1         | 16.50    | 92             | 89.5                 | 200     | 15.3           |           |
| 7 1/2           | 1800 | 213T       | EM3311T-8G     | 1,602      | L1         | 16.32    | 120            | 91                   | 200     | 22.2           |           |
| 10              | 1800 | 215T       | EM3313T-8G     | 1,893      | L1         | 17.45    | 132            | 91.7                 | 200     | 29.5           |           |
| 15              | 1800 | 254T       | EM2513T-8G     | 2,660      | L1         | 21.69    | 234            | 93                   | 200     | 40.7           |           |
| 20              | 1800 | 256T       | EM2515T-8G     | 2,890      | L1         | 21.69    | 250            | 93                   | 200     | 54.3           |           |
| 25              | 1800 | 284T       | EM2531T-8G     | 3,543      | L1         | 25.06    | 330            | 93.6                 | 200     | 70             |           |
| 30              | 1800 | 286T       | EM2535T-8G     | 3,839      | L1         | 25.06    | 340            | 94.1                 | 200     | 81             |           |
| 40              | 1800 | 324T       | EM2539T-8G     | 4,972      | L1         | 27.19    | 390            | 94.1                 | 200     | 109            |           |
| <b>575 Volt</b> |      |            |                |            |            |          |                |                      |         |                |           |
| 1               | 1800 | 143T       | EM3116T-5G     | 877        | L1         | 11.12    | 38             | 85.5                 | 575     | 1.2            |           |
| 1 1/2           | 1800 | 145T       | EM3154T-5G     | 909        | L1         | 11.62    | 37             | 86.5                 | 575     | 1.8            |           |
| 2               | 1800 | 145T       | EM3157T-5G     | 962        | L1         | 12.12    | 43             | 86.5                 | 575     | 2.3            |           |
| 3               | 1800 | 182T       | EM3211T-5G     | 1,055      | L1         | 15.00    | 74             | 89.5                 | 575     | 3.4            |           |
| 5               | 1800 | 184T       | EM3218T-5G     | 1,137      | L1         | 16.50    | 92             | 89.5                 | 575     | 5.3            |           |
| 7 1/2           | 1800 | 213T       | EM3311T-5G     | 1,602      | L1         | 16.32    | 114            | 91                   | 575     | 7.8            |           |
| 10              | 1800 | 215T       | EM3313T-5G     | 1,893      | L1         | 17.45    | 132            | 91.7                 | 575     | 10             |           |
| 15              | 1800 | 254T       | EM2513T-5G     | 2,660      | L1         | 21.69    | 210            | 93                   | 575     | 14.1           |           |
| 20              | 1800 | 256T       | EM2515T-5G     | 2,890      | L1         | 21.69    | 250            | 93                   | 575     | 18.9           |           |
| 25              | 1800 | 284T       | EM2531T-5G     | 3,543      | L1         | 25.06    | 328            | 93.6                 | 575     | 24.5           |           |
| 30              | 1800 | 286T       | EM2535T-5G     | 3,839      | L1         | 25.06    | 340            | 94.1                 | 575     | 28             |           |
| 40              | 1800 | 324T       | EM2539T-5G     | 4,972      | L1         | 27.19    | 400            | 94.1                 | 575     | 40             |           |

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

HVAC Motors

Farm Duty Motors

|   |   |      |
|---|---|------|
| <b>Shaft Modifications</b>                          | .....   | .404 |
| M29A  | Drill and Tap or Flat   |      |
| M29B  | Convert from TEFC to TEAO   |      |
| M29C  | Threading   |      |
| M29D  | Convert "T" Frame to "U" Frame Shaft Dimension or Smaller (TS)                                      |      |
| M29F  | Shorten Shafts without Reducing the Overall Dimension   |      |
| M29I  | Machine Explosion Proof Motor Shafts from T to a U Frame  |      |
| M29J  | Convert "L" Frame shaft to Shorter Shaft for Coupled Duty   |      |
| <b>Grounding Screws</b>                             | .....   | .405 |
| M30A  | Add Grounding Screw on Endplate   |      |
| <b>Tach and Encoder Mounting Kits</b>               | .....   | .406 |
| M31A  | Add Tach Mounting Kits to DC Motors   |      |
| M31B  | Add Tach Mounting Kits with BTG1000 Tach  |      |
| M31C  | Add Tach Mounting Kits with XPY Tach  |      |
| M31D  | Add Encoder Kit to Inverter Duty V*S Master or RPPAC Motor  |      |
| M31E  | Additional Mounted Encoder Option for IDRPM Motors  |      |
| <b>Testing</b>                                      | .....   | .407 |
| M32A  | Performance Testing Per IEEE 112  |      |
| M32B  | Witnessed IEEE 112 Performance Testing  |      |
| <b>Testing</b>                                      | .....   | .407 |
| M33A  | Short Motor Test  |      |
| M33B  | Routine Motor Test  |      |
| M33C  | Complete Motor Test   |      |
| M33D  | Calibration Test  |      |
| M33E  | Sound Measurement Test  |      |
| <b>Worm Gear Modifications</b>                      | .....   | .409 |
| M34A  | Install Bases on Worm Gear Speed Reducers   |      |
| M34B  | Convert From Single to Double End Output Shaft on Worm Gear Speed Reducers                          |      |
| M34C  | Convert Output Shaft from Left Hand to Right Hand or Vice Versa on 900 or Universal Series Reducers |      |
| M34D  | Install Motor on 900 F-Series or Universal STF-Series Reducers                                      |      |
| <b>Terminal Blocks (50 Hz, 3 Phase Motors Only)</b> | .....   | .410 |
| M35A  | Install Terminal Blocks in Conduit Box and Connect Leads  |      |
| <b>Starters</b>                                     | .....   | .411 |
| M36A  | Add Magnetic or Manual Starter to Grinder or Buffer – Starter – Single Phase                        |      |
| M36B  | Add Magnetic or Manual Starter to Grinder or Buffer – Starter – Three Phase                         |      |
| M36C  | Add Magnetic or Manual Starter to Grinder or Buffer – Magnetic Starter – Three Phase                |      |
| M36D  | Overload Protection for Dust Control Unit   |      |
| <b>Voltage</b>                                      | .....   | .412 |
| M37A  | Change a Grinder Dust Control Unit to a 575 Volt  |      |
| M37B  | <b>NEW!</b> Reconnect Grinder for 230V and change to 230V relay                                     |      |
| <b>Shaft Grounding</b>                              | .....   | .413 |
| M39A  | Shaft Grounding Systems   |      |
| <b>M39B-1</b>                                       | <b>AEGIS® Bearing Protection Ring</b>   |      |
| M39B-2  | Inpro/Seal® Current Diverter Ring™  |      |
| M39B-3  | Inpro/Seal® Motor Grounding Seal™   |      |
| M39C  | Baldor Shaft Grounding Brush Assembly   |      |
| <b>Check Total Indicated Runout (TIR)</b>           | .....   | .415 |
| M40A  | Check Total Indicated Runout (TIR)  |      |
| <b>Vibration Detectors</b>                          | .....   | .415 |
| M41A  | Provisions for Vibration Detection  |      |
| M41B  | Add Vibration Switch  |      |
| M41C  | Add Velocity Transducer   |      |
| M41D  | Add Accelerometer   |      |
| <b>Cast Iron Endplate</b>                           | .....   | .415 |
| M42A  | Install Cast Iron Endplate  |      |

**Modification  
Number**

**Motor Mod Express®  
Description and List Price**

**Working Days  
Required**

**Shaft Grounding**

A shaft ground may be specified by many HVAC, pump and conveyor manufacturers to mitigate the effects of Adjustable Speed Drive circulating currents and prolong bearing life. Shaft grounding is available as an option on Baldor•Reliance custom motors or can be installed on a stock motor in Baldor's Mod Express. On applications where washdown or debris may be present, mounting the ground internally on the motor (as custom) may be required.

**NOTE:** A shaft ground is a sparking device not suited for explosion-proof Division 1 or 2 applications, even when mounted internally.

Baldor offers three main types of shaft grounding devices:

- **M39A - Shaft Grounding Systems**
- **M39B - Shaft Grounding Rings**
- **M39C - Shaft Grounding Brush**

**M39A**

**Shaft Grounding Systems**

The SGS™ (Shaft Grounding Systems) design is a robust, enclosed unit designed for harsh environments. Mounts to the opposite drive end of the motor on TEFC, TENV, TEBC & ODP motors.



THREE  
DAYS

| NEMA Frame | List Price |
|------------|------------|
| 56 - 449T  | 1231       |

**Does Not Apply to Explosion-Proof or Division 2 Motors**

**M39B-1**

**AEGIS® Bearing Protection Ring**

| NEMA Frame               | Shaft Diameter | List Price |
|--------------------------|----------------|------------|
| 56                       | 0.625          | 221        |
| 140T, 180                | 0.875          | 232        |
| 180T, 210                | 1.125          | 244        |
| 210T, 250U               | 1.375          | 258        |
| 250T, 280U               | 1.625          | 322        |
| 280T, 320U, 320TS, 360TS | 1.875          | 343 (1)    |
| 320T, 360U, 400TS        | 2.125          | 379 (1)    |
| 360T, 400U, 440TS        | 2.375          | 456 (1)    |
| 400T, 440U               | 2.875          | 643 (1)    |
| 440T                     | 3.375          | 766 (1)    |

(1) Motors over 100 Hp / 75 kW require an additional modification to add an insulated bearing on the opposite drive end. Reference Mod M2F to add for one insulated bearing on the ODE of the motor.

**NOTE:** For this modification, the AEGIS Bearing Protection Ring mounts to the drive end of the motor.