

# Refrigeration Motors

## Bulletin 6600



Click Here For On Line Ordering  
[www.electricmotorwarehouse.com](http://www.electricmotorwarehouse.com)





## Green Choice™ Energy Efficient Motors for Refrigeration Applications



### 3-in-1™

Replaces 1/12, 1/15, 1/20  
PSC and Low Efficient  
Shaded Pole Designs

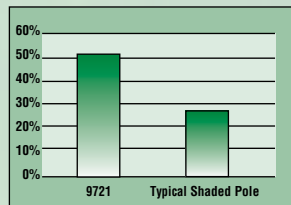


### ENERGY SAVINGS PSC DESIGN



**Direct Drop-in  
Replacement for  
Walk-In Cooler  
Evaporator Fans**

50% More Efficient than Shaded Pole Motors



Less efficient shaded pole motors are often used in original equipment to cut costs. While they do allow some small savings in purchase price, the savings are quickly eaten up in electric bills at today's high power costs.

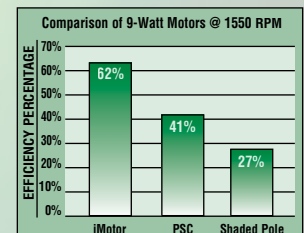
*For More Details see page 9*



### Breakthrough Motor Design



Energy Savings ECM Design



**Direct Drop-in  
Replacement for  
Supermarket Case  
Evaporator Fans**

The iMotor refrigeration motor uses less wattage to achieve the same airflow as a shaded pole motor, so it produces less heat. Fewer BTU's in the system means less work and wear for the compressor for even greater savings.

*For More Details see pages 6-7*

## JuggerNaut™

**When you need a  
motor that can  
handle the severe  
demands that inverters  
create, look no further  
than JuggerNaut™**



- UL and CSA recognized Class F insulation for 70°C (158°F) max ambient conditions provides longer motor life.
- Inverter Duty Rated to be Corona Free with conductive bearing grease for reliable use with today's inverters.
- Voltage Change Module (VCM)™ – Our own quick connect voltage change device makes voltage changes quick and easy.
- Easy to remove 56H rigid base provides maximum mounting versatility and reduces inventory.

**For More Information see page 11**

## C Frame Motors

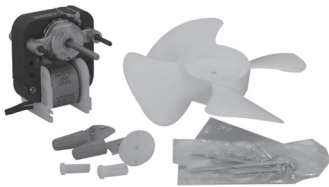
### Direct Replacement Motors

#### Features:

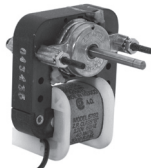
- CSA Certified
- Fan Blades
- Mounting Hardware
- Single & Two-Speed
- Shaded Pole
- UL Recognize



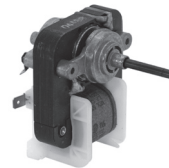
C-Frame motor fans sold separately.  
See page 20.



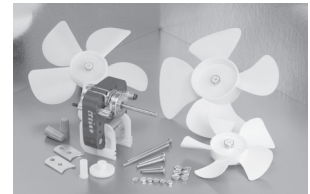
**Type A**



**Type B**



**Type C**



**Type D**

Designed to replace many 3.3" diameter & "C" Frame Motors, used on commercial & domestic refrigeration applications, as well as exhaust fans, range hoods, heaters, ventilators, evaporators and many other air moving applications.

| Stack Size | RPM/Speeds  | Volts   | Amps      | Stock Number  | Shaft Dia. and Length | Rotation | Motor Type | Gem   | Industry Reference | Robertshaw | Acme        | Notes       |
|------------|-------------|---------|-----------|---------------|-----------------------|----------|------------|-------|--------------------|------------|-------------|-------------|
| 1/2"       | 3000/1      | 120     | 0.42      | <b>C01678</b> | .187" X 1.50"         | REV.     | B          | EM678 | 14015              |            |             |             |
| 1/2"       | 3000/1550/2 | 120     | 0.65/.21  | <b>C01681</b> | .187" X 1.36"         | REV.     | B          | EM681 | 14021              |            |             | 52          |
| 5/8"       | 3000/1      | 120     | 0.30      | <b>C01677</b> | .187" X 1.28"         | REV.     | B          | EM677 | 14013              |            |             |             |
| 5/8"       | 3000/1      | 120     | 0.40      | <b>C01670</b> | .187" X 1.42"         | REV.     | A          | EM670 | 14001              |            | 600/700/710 |             |
| 5/8"       | 3000/1      | 120     | 0.40      | <b>C01671</b> | .187" X 1.42"         | REV.     | B          | EM671 | 14003              |            |             |             |
| 5/8"       | 3000        | 120     | 0.45      | <b>C01700</b> | .187" x 1.63"         | CWSE     | D          |       |                    |            | 700         | 321,322,323 |
| 5/8"       | 3000/1      | 120     | 0.48      | <b>C01679</b> | .217" X 1.38"         | REV.     | A          | EM679 | 14017              |            |             |             |
| 5/8"       | 3000/1550/2 | 120     | 0.71/0.34 | <b>C01673</b> | .187" X 1.33"         | REV.     | A          | EM673 | 14007              |            |             | 52          |
| 5/8"       | 3000/1      | 240     | 0.25      | <b>C01672</b> | .187" X 1.48"         | REV.     | A          | EM672 | 14005              |            | 602/702     | 6           |
| 7/8"       | 3000/1550/2 | 120     | 1.41/0.21 | <b>C01685</b> | .187" X 1.58"         | CWSE     | B          | EM685 |                    |            |             | 52,224      |
| 1"         | 3000/1550/2 | 120     | 0.73/0.36 | <b>C01682</b> | .187" X 1.29"         | REV.     | B          | EM682 | 14023              |            |             | 52          |
| 1"         | 3000/1550/2 | 120     | 1.28/0.21 | <b>C01684</b> | .217" X 2.00"         | REV.     | B          | EM684 |                    |            |             | 52,225      |
| 1"         | 3000/1      | 120/240 | 1.0/0.50  | <b>C01675</b> | .187" X 2.07"         | REV.     | A          | EM675 |                    |            | 7502        | 219         |
| 1"         | 3000/1      | 240     | 0.30      | <b>C01683</b> | .187" X 1.15"         | REV.     | B          | EM683 | 14025              |            |             |             |
| 1-1/8"     | 3000/1      | 120     | 0.70      | <b>C01680</b> | .187" X 1.46"         | REV.     | B          | EM680 | 14019              |            | 750         |             |



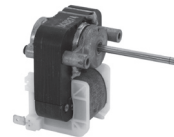
**Type D**



**Type E**



**Type F**



**Type G**

#### 120 VOLT, EVAPORATIVE FAN MOTORS

| Stack Size | RPM/Speeds | Volts | Amps | Stock Number   | Shaft Dia. and Length | Rotation | Motor Type | Gem          | Industry Reference     | Notes    |
|------------|------------|-------|------|----------------|-----------------------|----------|------------|--------------|------------------------|----------|
| 1/2"       | 3000       | 120   | .20  | <b>C01336</b>  | .125" x 1.30"         | CWSE     | F          | <b>EM336</b> | For Gibson/Frigidaire  | 77       |
| 1/2"       | 3000       | 120   | .30  | <b>C01334</b>  | .187" x 1.66"         | CWSE     | E          | <b>EM334</b> | For Admiral            | 64       |
| 1/2"       | 3000       | 120   | .31  | <b>C01332</b>  | .187" x 1.87"         | CWSE     | C          | <b>EM332</b> | For Frigidaire         | 64       |
| 1/2"       | 3000       | 120   | .39  | <b>C01333</b>  | .187" x 1.42"         | CCWSE    | C          | <b>EM333</b> | For Frigidaire         | 64       |
| 1/2"       | 3000       | 120   | .45  | <b>CRAN590</b> | .181" x 1.0"          | CWSE     | E          |              | For Randall 3590       | 1,64,176 |
| 5/8"       | 3000       | 115   | .40  | <b>C01335</b>  | .187" x 1.67"         | CWSE     | D          | <b>EM335</b> | For Admiral            | 64       |
| 3/4"       | 3000       | 120   | .86  | <b>C01337</b>  | .187" x 2.00"         | CCWSE    | G          | <b>EM337</b> | For Amana/Westinghouse | 64       |

#### Notes:

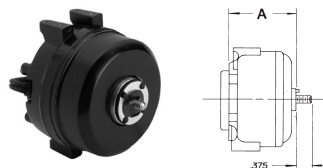
- Item to be discontinued when stock is depleted
- 60/50 HZ
- Two-speed connection: white-common, red-low, black-high.
- Spade Connector 219. Dual voltage connection: black-common, white-120 volt, red-240 volt.
- Molex Plug
- Moisture Proof Stator
- Direct replacement for GE WB26X24, WB26X40 and WB26X45.
- Direct replacement for Gaffers & Sattler and Dyna Vent.
- Bohn/Heatcraft mounting hardware and OEM fan blade included.
- Mechanically reversible
- Kit includes three fans: 4 blade, 5.50 dia. CCW rot., 5 blade, 5.50 dia. CCW rot., 5 blade, 4.00 dia. CW rot.



# Unit Bearing Fan Motors

## Features:

- Aluminum & Cast Iron
- All Models Include Vibration Dampening Hub Washer, Speed Nut and 4 Mounting Screw
- Continuous Duty, Air Over
- Horizontal & Shaft Up Mounting Only
- 60/50 Hz
- Shaded Pole
- 115 & 230 Volt
- Totally Enclosed
- Impedance Protected
- UL & CSA Recognized



## CAST IRON - TWO MOUNTING FEET

| Watts Output | RPM  | Volts | Amps | Stock Number | Rotation | Rear Mounting Holes | "A" Dim. | Emerson No. | Notes |
|--------------|------|-------|------|--------------|----------|---------------------|----------|-------------|-------|
| 2            | 1550 | 115   | 0.22 | UB02CWL2F    | CWLE     | 3                   | 2.52     |             |       |
| 4            | 1550 | 115   | 0.29 | UB04CWL2F    | CWLE     | 3                   | 2.52     | 2115        |       |
| 4            | 1550 | 115   | 0.29 | UB04CCL2F    | CCWLE    | 3                   | 2.52     | 2103        |       |
| 4            | 1550 | 230   | 0.15 | UB04CWH2F    | CWLE     | 3                   | 2.52     | 2123        |       |
| 4            | 1550 | 230   | 0.15 | UB04CCH2F    | CCWLE    | 3                   | 2.52     | 2122        |       |
| 5            | 1550 | 115   | 0.34 | UB05CWL2F    | CWLE     | 3                   | 2.52     | 2119        |       |
| 6            | 1550 | 115   | 0.40 | UB06CWL2F    | CWLE     | 3                   | 2.74     | 2117        |       |
| 6            | 1550 | 115   | 0.36 | UB06CCL2F    | CCWLE    | 3                   | 2.74     | 2116        |       |
| 9            | 1550 | 115   | 0.55 | UB09CWL2F    | CWLE     | 3                   | 2.74     | 2108        |       |
| 9            | 1550 | 115   | 0.55 | UB09CCL2F    | CCWLE    | 3                   | 2.74     | 2118        |       |
| 9            | 1550 | 230   | 0.27 | UB09CWH2F    | CWLE     | 3                   | 2.74     | 2110        |       |
| 9            | 1550 | 230   | 0.27 | UB09CCH2F    | CCWLE    | 3                   | 2.74     | 2109        |       |
| 16           | 1550 | 115   | 1.0  | UB16CWL12F   | CWLE     | 3                   | 3.11     | 2112        |       |
| 16           | 1550 | 115   | 1.0  | UB16CCL12F   | CCWLE    | 3                   | 3.11     | 2111        |       |
| 16           | 1550 | 230   | 0.50 | UB16CWH12F   | CWLE     | 3                   | 3.11     | 2114        |       |
| 16           | 1550 | 230   | 0.50 | UB16CCH12F   | CCWLE    | 3                   | 3.11     | 2113        |       |

## ALUMINUM - TWO MOUNTING FEET

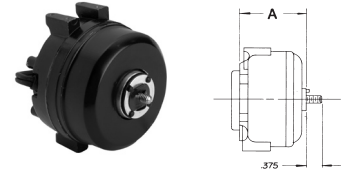
| Watts Output | RPM  | Volts | Amps | Stock Number | Rotation | Rear Mounting Holes | "A" Dim. | Emerson No. | Notes |
|--------------|------|-------|------|--------------|----------|---------------------|----------|-------------|-------|
| 4            | 1550 | 115   | 0.29 | UB04CWLA2F   | CWLE     | 5                   | 2.25     | D554        |       |
| 4            | 1550 | 115   | 0.29 | UB04CCLA2F   | CCWLE    | 5                   | 2.25     | D555        |       |
| 5            | 1550 | 115   | 0.34 | UB05CWLA2F   | CWLE     | 5                   | 2.25     | D582        |       |
| 5            | 1550 | 115   | 0.34 | UB05CCLA2F   | CCWLE    | 5                   | 2.25     | D583        |       |
| 6            | 1550 | 115   | 0.40 | UB06CWLA2F   | CWLE     | 5                   | 2.50     | D558        |       |
| 6            | 1550 | 115   | 0.40 | UB06CCLA2F   | CCWLE    | 5                   | 2.50     | D559        |       |
| 9            | 1550 | 115   | 0.50 | UB09CWLA2F   | CWLE     | 5                   | 2.50     | D562        |       |
| 9            | 1550 | 115   | 0.50 | UB09CCLA2F   | CCWLE    | 5                   | 2.50     | D563        |       |
| 9            | 1550 | 230   | 0.25 | UB09CWA2F    | CWLE     | 5                   | 2.50     | D564        |       |
| 9            | 1550 | 230   | 0.25 | UB09CCHA2F   | CCWLE    | 5                   | 2.50     | D565        |       |

### Notes:

See parts & accessories on page 20

## Features:

- Aluminum & Cast Iron
- All Models Include Vibration Dampening Hub Washer, Speed Nut and 4 Mounting Screw
- Continuous Duty, Air Over
- Horizontal & Shaft Up Mounting Only
- 60/50 Hz
- Shaded Pole
- 115 & 230 Volt
- Totally Enclosed
- Impedance Protected
- UL & CSA Recognized



## CAST IRON - ONE MOUNTING FOOT

| Watts Output | RPM  | Volts | Amps | Stock Number | Rotation | Rear Mounting Holes | "A" Dim. | GE No. | Notes |
|--------------|------|-------|------|--------------|----------|---------------------|----------|--------|-------|
| 2            | 1550 | 115   | 0.22 | UB02CWL      | CWLE     | 3                   | 2.39     |        |       |
| 2.5          | 1550 | 115   | 0.26 | UB025CWL     | CWLE     | 3                   | 2.39     | 5111   |       |
| 4            | 1550 | 115   | 0.29 | UB04CWL      | CWLE     | 3                   | 2.39     | 5211   |       |
| 4            | 1550 | 115   | 0.29 | UB04CCL      | CCWLE    | 3                   | 2.39     | 5212   |       |
| 4            | 1550 | 230   | 0.15 | UB04CWH      | CWLE     | 3                   | 2.39     | 5221   |       |
| 4            | 1550 | 230   | 0.15 | UB04CCH      | CCWLE    | 3                   | 2.39     | 5222   |       |
| 6            | 1550 | 115   | 0.40 | UB06CWL      | CWLE     | 3                   | 2.93     | 5311   |       |
| 6            | 1550 | 115   | 0.40 | UB06CCL      | CCWLE    | 3                   | 2.93     | 5312   |       |
| 9            | 1550 | 115   | 0.55 | UB09CWL      | CWLE     | 3                   | 2.93     | 5411   |       |
| 9            | 1550 | 115   | 0.55 | UB09CCL      | CCWLE    | 3                   | 2.93     | 5412   |       |
| 9            | 1550 | 230   | 0.27 | UB09CWH      | CWLE     | 3                   | 2.93     | 5421   |       |
| 9            | 1550 | 230   | 0.27 | UB09CCH      | CCWLE    | 3                   | 2.93     | 5422   |       |
| 16           | 1550 | 115   | 1.0  | UB16CWL1     | CWLE     | 3                   | 3.19     | 5811   |       |
| 16           | 1550 | 115   | 1.0  | UB16CCL1     | CCWLE    | 3                   | 3.19     | 5812   |       |
| 16           | 1550 | 230   | 0.50 | UB16CWH1     | CWLE     | 3                   | 3.19     | 5821   |       |
| 16           | 1550 | 230   | 0.50 | UB16CCH1     | CCWLE    | 3                   | 3.19     | 5822   |       |

## ALUMINUM - ONE MOUNTING FOOT

| Watts Output | RPM  | Volts | Amps | Stock Number | Rotation | Rear Mounting Holes | "A" Dim. | GE No. | Notes |
|--------------|------|-------|------|--------------|----------|---------------------|----------|--------|-------|
| 2            | 1550 | 115   | 0.22 | UB02CWLA     | CWLE     | 3                   | 2.47     | 5109   | 161   |
| 2.3          | 1550 | 115   | 0.25 | UB023CWLA    | CWLE     | 3                   | 2.47     |        | 161   |
| 4            | 1550 | 115   | 0.29 | UB04CWLA     | CWLE     | 3                   | 2.47     | 5213   |       |
| 4            | 1550 | 115   | 0.29 | UB04CCLA     | CCWLE    | 3                   | 2.47     | 5214   |       |
| 4            | 1550 | 230   | 0.15 | UB04CWH1     | CWLE     | 3                   | 2.47     | 5223   |       |
| 4            | 1550 | 230   | 0.15 | UB04CCHA     | CCWLE    | 3                   | 2.47     | 5224   |       |
| 6            | 1550 | 115   | 0.40 | UB06CWLA     | CWLE     | 3                   | 2.91     | 5313   |       |
| 6            | 1550 | 115   | 0.40 | UB06CCLA     | CCWLE    | 3                   | 2.91     | 5314   |       |
| 9            | 1550 | 115   | 0.50 | UB09CWLA     | CWLE     | 3                   | 2.91     | 5413   |       |
| 9            | 1550 | 115   | 0.50 | UB09CCLA     | CCWLE    | 3                   | 2.91     | 5414   |       |
| 9            | 1550 | 230   | 0.25 | UB09CWH1     | CWLE     | 3                   | 2.91     | 5423   |       |
| 9            | 1550 | 230   | 0.25 | UB09CCHA     | CCWLE    | 3                   | 2.91     | 5424   |       |
| 16           | 1550 | 115   | 1.0  | UB16CWLA     | CWLE     | 3                   | 3.19     | 5813   |       |
| 16           | 1550 | 115   | 1.0  | UB16CCLA     | CCWLE    | 3                   | 3.19     | 5814   |       |
| 16           | 1550 | 230   | 0.50 | UB16CWH1     | CWLE     | 3                   | 3.19     | 5823   |       |

### Notes:

161. No side bosses  
See parts & accessories on page 20

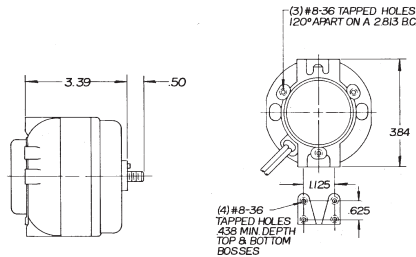
## Unit Bearing Motors

### Manufactured by Electric Motors & Specialties

#### 16-25-35 WATT (1/50 to 1/20 HP)

##### Features:

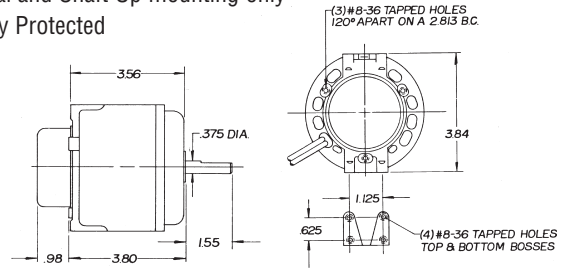
- High Efficiency
- Cast Iron
- Fan Motors
- Horizontal and Shaft Up mounting only
- Thermally Protected



#### 50-75 WATT (1/15 HP)

##### Features:

- High Efficiency
- Cast Iron
- Fan Motors
- Horizontal and Shaft Up mounting only
- Thermally Protected



| Watt Output | RPM  | Volts   | Amps | Stock No. | Shaft Diameter & Length | Rotation | EMS Number     | OEM Part Number  | Notes |
|-------------|------|---------|------|-----------|-------------------------|----------|----------------|------------------|-------|
| 15          | 1500 | 115     | .60  | 277       | 5/16 x 7                | CCWLE    | ESPOL15EMJR11  | 24-0366          | 3     |
| 15          | 1500 | 115     | .60  | 292       | 5/16 x 5                | CCWLE    | ESP-L15EMJR1B2 |                  |       |
| 15          | 1500 | 115     | .60  | 293       | 5/16 x 7THD             | CCWLE    | ESP-L15EMJR1B1 |                  | 6     |
| 15          | 1500 | 115     | .60  | 295       | 5/16 x 7                | CCWLE    | ESP-L15EMJR1B3 |                  |       |
| 15          | 1500 | 115     | .60  | 296       | 5/16 x 9                | CCWLE    | ESP-L15EMJR17  |                  | 69    |
| 16          | 1500 | 115     | .80  | 246       | 1/4 x 20THD             | CWLE     | ESPL16EM1      |                  |       |
| 16          | 1500 | 115     | .80  | 247       | 1/4 x 20THD             | CCWLE    | ESPL16EMR1     |                  |       |
| 16          | 1500 | 230     | .40  | 248       | 1/4 x 20THD             | CWLE     | ESPL16EM2      |                  |       |
| 16          | 1500 | 230     | .40  | 249       | 1/4 x 20THD             | CCWLE    | ESPL16EMR2     |                  |       |
| 25          | 1500 | 115     | 1.1  | 297       | 5/16 x 7                | CCWLE    | ESPL25MJR1B1   |                  | 69    |
| 25          | 1500 | 115     | 1.1  | 299       | 8-1/8 x 5/16 x 1/2      | CCWLE    | ESPOL25MVRD12  |                  | 1     |
| 25          | 1500 | 115     | 1.1  | 250       | 1/4 x 20THD             | CWLE     | ESPL25EM1      |                  |       |
| 25          | 1500 | 115     | 1.1  | 251       | 1/4 x 20THD             | CCWLE    | ESPL25EMR1     |                  |       |
| 25          | 1500 | 230     | .60  | 252       | 1/4 x 20THD             | CWLE     | ESPL25EM2      |                  |       |
| 25          | 1500 | 230     | .60  | 253       | 1/4 x 20THD             | CCWLE    | ESPL25EMR2     |                  |       |
| 35          | 1500 | 115     | 1.4  | 254       | 1/4 x 20THD             | CWLE     | ESPL35EM1      | 810M035A29       |       |
| 35          | 1500 | 115     | 1.4  | 255       | 1/4 x 20THD             | CCWLE    | ESPL35EMR1     |                  |       |
| 35          | 1500 | 230     | .70  | 256       | 1/4 x 20THD             | CWLE     | ESPL35EM2      | 810M035A21 & A28 |       |
| 35          | 1500 | 230     | .70  | 257       | 1/4 x 20THD             | CCWLE    | ESPL35EMR2     |                  |       |
| 50          | 1500 | 115     | 1.7  | 258       | 3/8 x 1-1/2             | CWLE     | ESPOL50EM1     | 050-0244-01      |       |
| 50          | 1500 | 115     | 1.7  | 291       | 5/16 x 3                | CWLE     | ESPOL50EM1B1   | 134350000        |       |
| 50          | 1500 | 115     | 1.7  | 259       | 3/8 x 1-1/2             | CCWLE    | ESPOL50EMR1    |                  | 6     |
| 50          | 1500 | 115     | 1.7  | 289       | 3/8 x 1-1/2             | CWLE     | ESPOL50EM13    | 998-1008-00      | 3,187 |
| 50          | 1500 | 230     | .85  | 260       | 3/8 x 1-1/2             | CWLE     | ESPOL50EM2     | 050-0244-00      | 6     |
| 50          | 1500 | 208-230 | 1.2  | 9200      | 3/8 x 1-1/4             | CWLE     | ESPOL60EM2     |                  |       |
| 50          | 1500 | 230     | .85  | 261       | 3/8 x 1-1/2             | CCWLE    | ESPOL50EMR2    |                  | 6     |
| 50          | 1500 | 230     | .85  | 276       | 5/16 x 2-1/2            | CCWLE    | ESPOL50EMJR21  | 810M050A62       | 3     |
| 50          | 1500 | 230     | .85  | 285       | 5/16 x 1-1/2            | CWLE     | ESPOL50EM2B    |                  | 3     |
| 50          | 1500 | 230     | .85  | 288       | 3/8 x 1-1/2             | CWLE     | ESPOL50EM26    | 998-1007-00      | 3,187 |
| 50          | 1500 | 460     | .44  | 290       | 3/8 x 1-1/2             | CWLE     | ESPOL50EM461   | 050-0244-02      |       |
| 75          | 1500 | 230     | 1.5  | 298       | 3/8 x 1-1/2             | CWLE     | ESPOL75EM2     |                  |       |

##### Notes:

1. Item to be discontinued when stock is depleted
  3. Special OEM Replacement Motor (See Page 12-19)
  6. 60/50 HZ
  69. Pin Hole
  187. Includes Mounting Bracket and Shaft Bushing
- See parts & accessories on page 20

## Manufactured by Electric Motors & Specialties

### Direct Drive Fan Motors 4 Lug

#### Features:

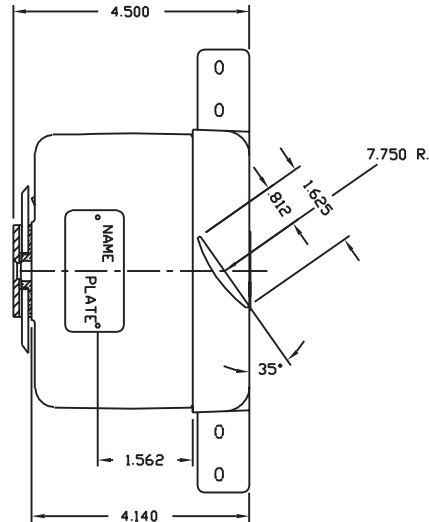
- Ball Bearing
- Continuous Air Over
- Capacitor Included
- Shaded Pole & PSC
- 4 Lug
- 5-1/4" Diameter
- 6-Pole — 1050 RPM
- 60 Hz
- Thermally Protected

#### Replacement:

- Stk 264 - Replaces Janitrol JD65F30
- Stk 270 - Replaces Janitrol J65F30 & B65F30
- Stk 265 - Replaces Janitrol J93F41
- Stk 286 - Replaces Janitrol B13400227
- Stk 267 - Replaces Manitowoc 002412313
- Stk 268 - Replaces S60HUB2, Janitrol JA65F30 and Luxaire 20-0189



| HP   | RPM  | Volts | Amps | Stock No.  | Rotation* | Capacitor   | EMS No.         | Notes |
|------|------|-------|------|------------|-----------|-------------|-----------------|-------|
| 1/15 | 1050 | 115   | 2.0  | <b>262</b> | CCW       | Shaded Pole | ESP60BCU4K7-C1  |       |
| 1/10 | 1050 | 115   | 2.4  | <b>263</b> | CCW       | Shaded Pole | ESP60BCU4K8-C1  |       |
| 1/8  | 1050 | 230   | 1.5  | <b>264</b> | CCW       | Shaded Pole | ESP60BHU4K3-C1  |       |
| 1/8  | 1050 | 230   | 1.5  | <b>265</b> | CW        | Shaded Pole | ESP60BHG4K3R-C1 |       |
| 1/6  | 1050 | 230   | 1.3  | <b>267</b> | CCW       | 2MFD-440V   | S60BHU4L6-C2    |       |
| 1/5  | 1050 | 115   | 3.5  | <b>269</b> | CCW       | 10MFD-370V  | S60BCU4L1-C1    |       |
| 1/5  | 1050 | 230   | 1.4  | <b>268</b> | CCW       | 2.5MFD-440V | S60BHU4L9-C1    |       |
| 1/5  | 1050 | 230   | 1.8  | <b>270</b> | CCW       | 3MFD-440V   | S60BHU4L3-C1    |       |
| 1/5  | 1050 | 230   | 1.4  | <b>286</b> | CW        | 2.5MFD-440V | S60BHG4L9R-C1   |       |



ECM Unit Bearing Motor

Manufactured by Electric Motors & Specialties



“Breakthrough Motor Design Offers Huge Energy Savings  
For The Refrigeration Market”

Stock No. 9207

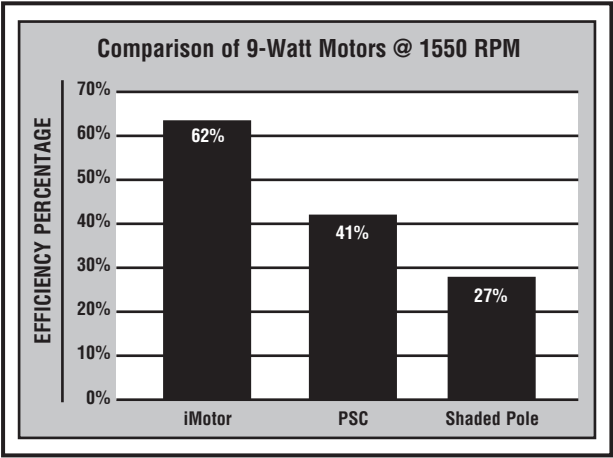


Direct Drop-in  
Replacement for  
supermarket case  
evaporator fans



**9 WATT**  
Replaces 6, 9  
& 12 watt  
PSC & low efficiency  
shaded pole motors

(Energy Savings ECM Design)



Features:

- ✓ Advanced ECM Design
- ✓ Rain Shield
- ✓ Cast Iron
- ✓ 13” Leads
- ✓ Lyall Plug
- ✓ UL approved E128044
- ✓ Exceeds 60% Efficiency
- ✓ Low Temperature Oil

| Stock No. | Watts | Volts | Amps    | ROT OSE | RPM  |
|-----------|-------|-------|---------|---------|------|
| 9207 \$   | 6-12  | 115   | .2 - .3 | CW      | 1550 |

See parts & accessories on page 20  
\$ Energy Efficient



Manufactured by Electric Motors & Specialties 

**NEW!**



**“Breakthrough Motor Design Offers Huge Energy Savings  
For The Refrigeration Market”**



Stock No. 9208



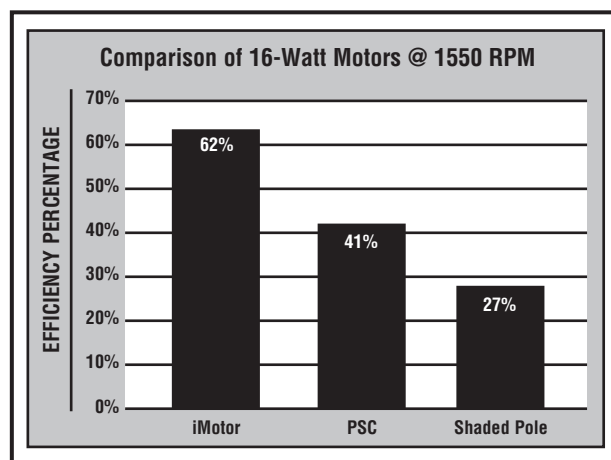
Direct Drop-in  
Replacement for  
supermarket case  
evaporator fans

**16 WATT**  
Replaces 14,15  
and 16 watt  
PSC & low efficiency  
shaded pole motors

(Energy Savings ECM Design)

**Features:**

- ✓ Advanced ECM Design
- ✓ Rain Shield
- ✓ Cast Iron
- ✓ 13” Leads
- ✓ Lyall Plug
- ✓ UL approved E128044
- ✓ Exceeds 60% Efficiency
- ✓ Low Temperature Oil



| Stock No. | Watts | Volts | Amps    | ROT OSE | RPM  |
|-----------|-------|-------|---------|---------|------|
| 9208 \$   | 14-16 | 115   | .47-.58 | CW      | 1550 |

See parts & accessories on page 20

\$ Energy Efficient

# GE 11 Frame Replacements

## 3-3/8" Diameter Motors

### Features:

- All Angle Sleeve Bearing
- Insulation Class B
- Open Fan Cooled
- Shaded Pole
- Single Speed
- Thermally Protected
- UL, CSA Approved
- 1-3/4" Resilient Rings (except 981 9336, and 9439)
- 2.84 B.C. 8-32 Tapped Holes for Shaft End Mounting
- 40°C Ambient



671B, 672B, 9653,  
9654, 9655, 9656,  
9657, 9658, 9659,  
9660, 9661, 9662,  
9664, 9665



9663



981  
(Tecumseh)



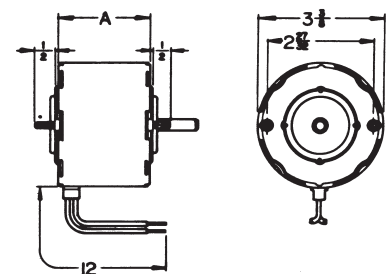
9336

| HP   | RPM  | Volts       | Amps    | Stock Number | Shaft Diameter & Length | Rotation Opposite Shaft End | Ring to Ring Dimension | Industry No. | Notes            |
|------|------|-------------|---------|--------------|-------------------------|-----------------------------|------------------------|--------------|------------------|
| 1/40 | 1550 | 115         | 1.2     | 9656         | 5/16 x 1-1/4            | CW                          | 4-1/2                  | 1531         | 184              |
| 1/40 | 1550 | 115         | 1.2     | 9657         | 5/16 x 1-1/4            | CCW                         | 4-1/2                  | 1541         | 184              |
| 1/40 | 1550 | 208-230     | 0.6     | 9658         | 5/16 x 1-1/4            | CW                          | 4-1/2                  | 1532         | 184              |
| 1/40 | 1550 | 208-230     | 0.6     | 9659         | 5/16 x 1-1/4            | CCW                         | 4-1/2                  | 1542         | 184              |
| 1/30 | 1550 | 115         | 1.6     | 9653         | 5/16 x 1-1/4            | CW                          | 4-5/8                  | 1431         | 184              |
| 1/30 | 1550 | 208-230     | 0.8     | 9654         | 5/16 x 1/14             | CW                          | 4-5/8                  | 1432         | 184              |
| 1/30 | 1550 | 208-230     | 0.8     | 9655         | 5/16 x 1-1/4            | CCW                         | 4-5/8                  | 1442         | 184              |
| 1/20 | 1550 | 115         | 2.0     | 9660         | 5/16 x 2                | CW                          | 4-3/4                  | 1331         | 184              |
| 1/20 | 1550 | 115         | 2.0     | 9661         | 5/16 x 2                | CCW                         | 4-3/4                  | 1341         | 184              |
| 1/20 | 1550 | 208-230     | 1.0     | 9662         | 5/16 x 2                | CCW                         | 4-3/4                  | 1342         | 184              |
| 1/20 | 1550 | 208-230     | 1.0     | 9663         | 5/16 x 1-1/4            | CW                          | 4-1/2                  | 1016         | 75,184           |
| 1/20 | 1550 | 208-230     | 1.0     | 9664         | 5/16 x 2                | CW                          | 4-3/4                  | 1332         | 184              |
| 1/20 | 1550 | 230         | 1.1     | 9336         | 5/16 x 2-5/8            | CW                          | 4-7/8                  |              | 2,75,150,184,331 |
| 1/15 | 1550 | 208-230     | 1.1/1.0 | 9665         | 5/16 x 1-1/4            | CW                          | 4-3/4                  | 1232         | 150,184          |
| 1/15 | 1550 | 115/208-230 | 2.1/1.1 | 671B         | 5/16 x 2                | CW                          | 4-7/8                  | 1231         | 2,184            |
| 1/15 | 1550 | 115/208-230 | 2.1/1.1 | 672B         | 5/16 x 2                | CCW                         | 4-7/8                  | 1441         | 2,184            |
| 1/15 | 1550 | 460         | 0.6     | 981          | 5/16 x 2-1/2            | CW                          | 4-1/4                  |              | 3,184,331        |

### Notes:

- 2. Ball bearing
- 3. Special OEM replacement motor (see page 18)
- 75. Mounting Rings not included
- 150. Rated 60/50 Hz
- 184. Lead exit is on shaft end
- 331. Cannot be mounted with rings – ring to ring dimension is body length

Stock No. 2064A  
8-32 x 3/4"  
(8 screws per pack)  
Sold Separately



## 3-3/8" Diameter Motor

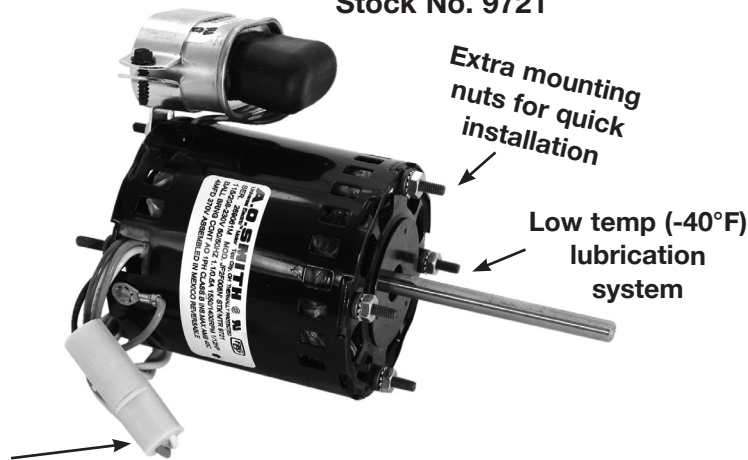
### HEATCRAFT REPLACEMENT MOTOR BOHN, CHANDLER, CLIMATE CONTROL AND LARKIN

**3-in-1™**  
Replaces 1/12, 1/15, 1/20  
PSC and Low Efficient  
Shaded Pole Designs

Stock No. 9721



Reversing plug  
for easy  
rotation change

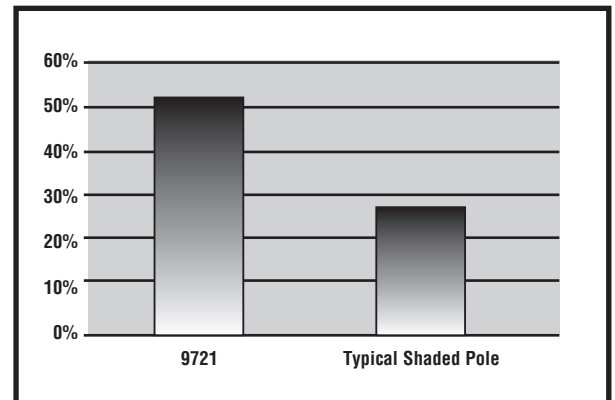


**ENERGY  
SAVINGS  
PSC  
DESIGN**

\*Direct Drop-In Replacement for Walk-In Cooler Evaporator Fans

Use of a permanent split capacitor design allows the motor to deliver more power with a lower amp draw. Cooler operation results in fewer failures. Ball bearings provide smooth, quiet operation and extended motor life.

50% More Efficient than Shaded Pole Motors



#### Features:

- ✓ Easy-to-Read Connection Diagram Attached to White Lead Wire
- ✓ Now! Four Studs on Each End
- ✓ 40°C Ambient
- ✓ Class B Insulation
- ✓ UL and CSA Recognized

\$ Less efficient shaded pole motors are often used in original equipment to cut costs. While they do allow some small savings in purchase price, the savings are quickly eaten up in electric bills at today's high power costs.

| Stock No. | HP               | Volts       | Amps    | RPM  | Speeds | Frame | SF  | HZ    | Rotation | Wt.  |
|-----------|------------------|-------------|---------|------|--------|-------|-----|-------|----------|------|
| 9721•\$   | 1/12, 1/15, 1/20 | 115/208-230 | 1.1/0.5 | 1550 | 1      | 3.3"  | 1.0 | 60/50 | Rev.     | 4.75 |

#### Notes:

- Ball Bearing
- \$ Energy Efficient

21/29 Frame Replacements

Refrigeration – Unit Heaters – Space Heaters  
5" Diameter Motors – Mechanically Reversible

Features:

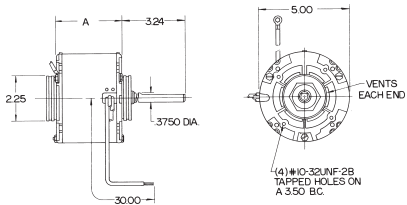
- Air Conditioners
  - Base Mounting Available
  - Commercial Condenser Units
  - Continuous Duty, Air Over
  - Designed for Easy Mechanical Reversing
  - Drain Holes
  - Extra Long 30" Leads
  - Fits G.E. Base
  - Mounting Rings Included
  - Lead Exit on Shaft End
- For 1/2" Shaft Applications use Stock No. 1306 Shaft Bushing
  - Holes Provided for Conduit Connector
  - Refrigeration Cabinets
  - Replaces Most GE 21/29 Frame Motors
  - Replaces Universal Stock 401-406
  - Shaded Pole
  - Sleeve Bearing



STOCK NO. 2087A  
MOUNTING STUDS  
10-32 X 1"  
4 per set  
(available separately)



- Thermally Protected
- Unit Cooler Fans & Blowers
- Unit Heaters
- 2-1/4" Mounting Rings Included
- 4 Tapped 10-32 Holes for Shaft End Mounting
- 60 Hz



| HP   | RPM  | Speeds | Volts       | Amps    | Stock Number | Shaft Dia. & Length | Rotation | "A" Dim. | Cross Reference | Base No. | Notes    |
|------|------|--------|-------------|---------|--------------|---------------------|----------|----------|-----------------|----------|----------|
| 1/20 | 1050 | 1      | 115/230     | 2.8/1.4 | 604          | 3/8 x 3-1/4         | CWSE     | 4-1/4    | 2321 & 2322     | 1207     | 103      |
| 1/20 | 1550 | 1      | 115/230     | 2.4/1.2 | 610          | 3/8 x 3-1/4         | CWSE     | 4-1/4    | 2341 & 2342     | 1207     | 103      |
| 1/20 | 1550 | 1      | 115/230     | 2.4/1.2 | 611          | 3/8 x 3-1/4         | CCWSE    | 4-1/4    | 2331 & 2332     | 1207     | 103      |
| 1/15 | 1550 | 1      | 115/230     | 3.8/1.9 | 606          | 3/8 x 3-1/4         | CWSE     | 4-1/2    | 2223            |          | 103      |
| 1/15 | 1550 | 1      | 115/208-230 | 2.8/1.4 | 612A         | 3/8 x 3-1/4         | CWSE     | 4-1/2    | 2223            |          | 103      |
| 1/15 | 1550 | 1      | 115/208-230 | 2.8/1.4 | 613A         | 3/8 x 3-1/4         | CCWSE    | 4-1/2    | 2231& 2232      |          | 103      |
| 1/12 | 1050 | 1      | 115         | 1.8     | 9667         | 3/8 x 2             | REV.     | 5-3/4    | 2928            |          | 6,70,118 |
| 1/12 | 1050 | 1      | 208-230     | 0.61    | 9669         | 3/8 x 2             | REV.     | 5-3/4    | 2954            |          | 6,70,118 |
| 1/12 | 1550 | 1      | 115         | 1.6     | 9666         | 3/8 x 2             | REV.     | 5-3/4    | 2927            |          | 6,70,118 |
| 1/12 | 1550 | 1      | 208-230     | 0.65    | 9668         | 3/8 x 2             | REV.     | 5-3/4    | 2953            |          | 6,70,118 |
| 1/10 | 1050 | 1      | 115/230     | 4.6/2.3 | 608          | 3/8 x 3-1/4         | CWSE     | 4-3/4    | 2121 & 2122     | 2089     | 103      |
| 1/10 | 1050 | 1      | 115/230     | 4.6/2.3 | 609          | 3/8 x 3-1/4         | CCWSE    | 4-3/4    | 2113            | 2089     | 103      |
| 1/10 | 1550 | 1      | 115/230     | 4.4/2.2 | 614          | 3/8 x 3-1/4         | CWSE     | 4-3/4    | 2141 & 2142     | 2089     | 103      |
| 1/10 | 1550 | 1      | 115/230     | 4.4/2.2 | 615          | 3/8 x 3-1/4         | CCWSE    | 4-3/4    | 2131 & 2132     | 2089     | 103      |

Used on many popular commercial condensing units (Copeland, Tecumseh, Hussmann, Tyler, etc.) as well as unit cooler fans and blowers, refrigeration cabinets; also used on unit heaters, space heaters, remote air conditioners, blower units and other air moving applications. 4 ratings replace 21 of G.E.'s 21/29 frame designs.

Features:

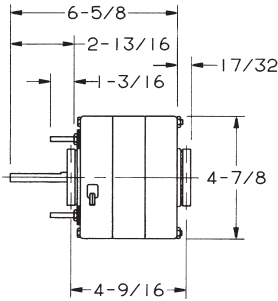
- All angle sleeve bearings
  - Auto protector
  - Base and mounting clamps included
  - Grommated lead exit
  - Mounting rings included
- Mechanically reversible in the field
  - Open enclosure
  - Shaded pole
  - UL and C.S.A. approved
  - Lead exit on shaft end
- 3/8" shaft diameter, 1/2" adapter
  - 2-1/4" rubber rings; base mounting
  - 30" color coded leads
  - 42 Frame (5.0" Dia.)
  - 60 HZ



| HP   | RPM  | Voltage     | Amps    | Frame | Stock Number | Rotation | Notes |
|------|------|-------------|---------|-------|--------------|----------|-------|
| 1/10 | 1050 | 115/208-230 | 4.0/2.0 | 42Y   | RF6402       | CWSE     | 6,154 |
| 1/10 | 1050 | 115/208-230 | 4.0/2.0 | 42Y   | RF6403       | CCWSE    | 6,154 |
| 1/10 | 1550 | 115/208-230 | 4.0/2.0 | 42Y   | RF4400       | CWSE     | 6,154 |
| 1/10 | 1550 | 115/208-230 | 4.0/2.0 | 42Y   | RF4401       | CCWSE    | 6,154 |

Notes:  
6. 60/50 HZ  
70. Permanent Split Capacitor  
103. When using U.E. Base, add (2) 1221A Adapter Rings to EACH Mounting Ring

118. TEAO  
154. Previous stock numbers with "X" suffix are the same as current models  
Also see page 8 for G.E. 11 Frame Replacements



4 mounting bolts 3-1/2 dia. B.C.  
(Mounting Washers and Nuts Included)

## 6-1/2" Diameter Motors – Vertical Condenser Fan

**JuggerNaut™****Features:**

- Inverter Duty
- Removable 56H Rigid Base
- VCM™ – Voltage Change Module
- Class F Moisture Resistant Insulation
- Automatic Overload Protector
- Large Water Slinger
- Double Sealed Ball Bearings
- Positioning Lugs for Easy Belly-Band Mounting
- Shaft Up Mounting
- Quick Connect Design
- Extra Mounting Nuts
- Energy-Efficient Three Phase Design
- Conductive Bearing Grease for Inverter Applications
- 60/50 Hertz
- Three Phase
- Continuous Duty, Air Over

**When you need  
a motor that can  
handle the severe  
demands that  
inverters create,  
look no further than  
JuggerNaut™**

- UL and CSA recognized Class F insulation for 70°C (158°F) max ambient conditions provides longer motor life.
- Inverter Duty Rated to be Corona Free with conductive bearing grease for reliable use with today's inverters.
- Voltage Change Module (VCM)™ – Our own quick connect voltage change device makes voltage changes quick and easy.
- Easy to remove 56H rigid base provides maximum mounting versatility and reduces inventory.
- JuggerNaut condenser fan motors are available in 1 HP, 1.5 HP and 2 HP at 1140 RPM and 1 HP at 850 RPM. All are three phase and 208-230/460 volt.



H1050

**Many retailers are now retrofitting inverters to their existing A/C and refrigeration equipment to save energy, only to discover that the OEM motors do not hold up to the strain that inverters place on them.**

*–JuggerNaut Inverter Duty motors are the solution!*

**Class F Insulation - 70°C (158°F) Max Ambient**

| Stock No. | HP  | Volts       | Amps        | RPM  | Speeds | Frame Size | Rotation   | Type        | Bearings | "C" Dim. | Shaft       | Wt. (lbs) |
|-----------|-----|-------------|-------------|------|--------|------------|------------|-------------|----------|----------|-------------|-----------|
| H1050 \$  | 1.0 | 460/208-230 | 2.2/4.4-4.0 | 1140 | 1      | 56H        | Reversible | Three Phase | Ball     | 16.63    | 5/8" x 6.0" | 29        |
| H1051 \$  | 1.5 | 460/208-230 | 2.9/5.8-5.8 | 1140 | 1      | 56H        | Reversible | Three Phase | Ball     | 17.63    | 5/8" x 6.0" | 38        |
| H1052 \$  | 2.0 | 460/208-230 | 3.7/7.4-7.0 | 1140 | 1      | 56H        | Reversible | Three Phase | Ball     | 18.63    | 5/8" x 6.0" | 45        |
| H1053 \$  | 1.0 | 460/208-230 | 2.6/5.2-5.0 | 850  | 1      | 56H        | Reversible | Three Phase | Ball     | 18.63    | 5/8" x 6.0" | 45        |

**Note:** It is the responsibility of the installer to properly adjust the drive to the motor for the specific application. The correct volts/Hz settings are application specific and unique to each motor. Failure to perform proper set up can lead to substandard performance and /or premature failure of the system components.

**\$ Energy Efficient**



## O.E.M. – Direct Replacement

### Bally



285

| Watt | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor   | Shaft Dia. & Length | Motor Dia. | "A" Dim | Cross Reference | Notes |
|------|------|--------|-------|------|--------------|----------|-------------|---------------------|------------|---------|-----------------|-------|
| 50   | 1500 | 1      | 230   | .85  | 285          | CWLE     | Shaded Pole | 5/16 x 1-1/2        | 3-7/8"     | 3.77    | ESPOL50EM2B     |       |

Bohn (see Heatcraft)

Chandler (see Heatcraft)

Climate Control (see Heatcraft)

### Copeland



276



OCP0250,  
OCP0251



OCP108



288, 289



254



258, 260, 290



174A

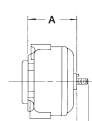
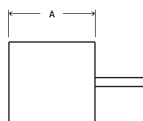


OCP1024

| HP  | RPM       | Speeds | Volts   | Amps | Stock Number | Rotation | Capacitor   | Shaft Dia. & Length | Motor Dia. | "A" Dim. | Cross Reference                          | Notes |
|-----|-----------|--------|---------|------|--------------|----------|-------------|---------------------|------------|----------|------------------------------------------|-------|
| 35W | 1500      | 1      | 115     | 1.4  | 254          | CWLE     | Shaded Pole | 1/4"-20 THD.        | 3-7/8"     | 3.39     | 050-0267-0                               |       |
| 50W | 1500      | 1      | 115     | 1.7  | 258          | CWLE     | Shaded Pole | 3/8 x 1-1/2         | 3-7/8"     | 3.78     | 050-0244-01                              |       |
| 50W | 1500      | 1      | 230     | .85  | 260          | CWLE     | Shaded Pole | 3/8 x 1-1/2         | 3-7/8"     | 3.78     | 050-0244-00                              |       |
| 50W | 1500      | 1      | 115     | 1.7  | 289          | CWLE     | Shaded Pole | 3/8 x 1-1/2         | 3-7/8"     | 3.78     | 998-1008-00                              |       |
| 50W | 1500      | 1      | 230     | .85  | 288          | CWLE     | Shaded Pole | 3/8 x 1-1/2         | 3-7/8"     | 3.78     | 050-0244-00                              |       |
| 50W | 1500      | 1      | 230     | .85  | 276          | CCWLE    | Shaded Pole | 5/16 x 2-1/2        | 3-7/8"     | 3.75     | 050-0264-0                               |       |
| 50W | 1500      | 1      | 460     | .44  | 290          | CWLE     | Shaded Pole | 3/8 x 1-1/2         | 3-7/8"     | 3.63     | 050-0244-02                              |       |
| 1/6 | 1625      | 1      | 208-230 | 1.0  | 174A         | REV      | 5MFD-370V   | 1/2" x 2-1/2"       | 5-5/8"     | 4"       | S3051                                    |       |
| 1/6 | 1400/1625 | 1      | 230     | 1.5  | OCP0251      | CWLE     | INCLUDED    | 1/2" x 2-1/2"       | 5"         | 3-7/8"   | 322P913<br>050-0251-00<br>6128           | 6     |
| 1/4 | 1625      | 1      | 208-230 | 1.5  | OCP1024      | CWLE     | 5MFD/370V   | 1/2" x 3"           | 5-5/8"     | 4-9/16"  | 3047<br>D783<br>K6124                    |       |
| 1/4 | 1400/1625 | 1      | 230     | 1.5  | OCP0250      | CWLE     | INCLUDED    | 1/2" x 2-1/2"       | 5"         | 3-7/8"   | 322P914<br>050-0250-00<br>6129           | 6     |
| 1/3 | 1625      | 1      | 208-230 | 2.6  | OCP108       | CWLE     | INCLUDED    | 1/2" x 2-1/4"       | 5-5/8"     | 5-3/4"   | 050-0108-00<br>050-0018-00<br>3124, 6127 | 2     |

#### Notes:

2. Ball Bearing  
6. 60/50 HZ



## Crystal Tips



246

| HP  | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|-----|------|--------|-------|------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 16W | 1550 | 1      | 115   | .80  | 246          | CWLE     | Shaded Pole | 1/4" -20 THD.           | 3-7/8"     | 3.39     | 879-386857      |       |

## Foster, Vulcan-Hart



683

| HP   | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|------|------|--------|-------|------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 1/75 | 1650 | 1      | 115   | .50  | 683          | CCWLE    | Shaded Pole | 1/4"-20 THD             | 3-3/8"     | 2"       | R10CW68M, ME    |       |

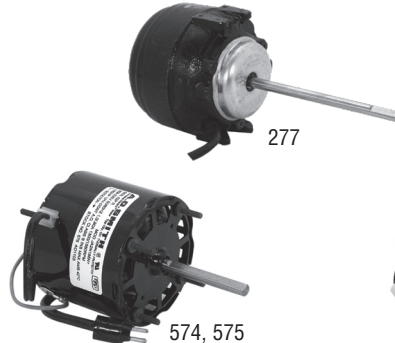
## Heatcraft



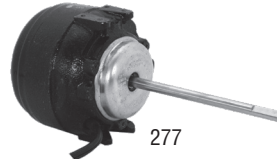
572A, 573A



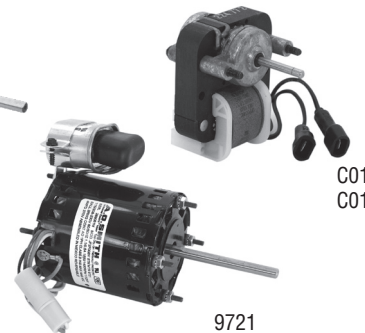
9720A



574, 575



277



9721

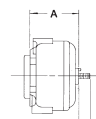
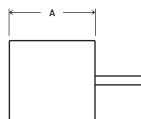
C01691  
C01692

| Stack Size | RPM  | Volts | Amps | Stock Number | Rotation | Stand-Offs    | Shaft Dia. & Length | Bohn  | Gem   | Uppco |
|------------|------|-------|------|--------------|----------|---------------|---------------------|-------|-------|-------|
| 5/8"       | 3000 | 120   | 0.80 | C01691       | CWSE     | 5036F & 5018S | .18 x 1.8           | 5007S | EM691 | 85    |
| 5/8"       | 3000 | 240   | 0.32 | C01692       | CWSE     | 5036G & 5018T | .18 x 1.8           | 5007T | EM692 | 86    |

| HP   | RPM  | Speeds | Volts       | Amps    | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                                          | Notes |
|------|------|--------|-------------|---------|--------------|----------|-------------|-------------------------|------------|----------|----------------------------------------------------------|-------|
| 15W  | 1500 | 1      | 115         | .60     | 277          | CCWLE    | Shaded Pole | 5/16" x 7"              | 3-7/8"     | 3.32"    | 24-0366                                                  |       |
| 1/20 | 1550 | 1      | 115         | 1.9     | 572A         | CCWLE    | Shaded Pole | 5/16" x 3"              | 3-3/8"     | 3"       | 5034LS, 5008SS                                           | 4     |
| 1/20 | 1550 | 1      | 115         | 1.6     | 574          | CWLE     | Shaded Pole | 5/16" x 2-5/8"          | 3-3/8"     | 2-3/4"   | 253-1194                                                 | 4,6   |
| 1/20 | 1550 | 1      | 208-230     | .90     | 575          | CWLE     | Shaded Pole | 5/16" x 2-5/8"          | 3-3/8"     | 2-3/4"   | 253-1195                                                 | 4,6   |
| 1/15 | 1550 | 1      | 208-230     | 1.3     | 573A         | CCWLE    | Shaded Pole | 5/16" x 3"              | 3-3/8"     | 3-5/8"   | 5034MS, 5008TS                                           | 4     |
| 1/12 | 1550 | 1      | 208-230     | 0.5     | 9720A        | CWLE     | INCLUDED    | 5/16" x 2-5/8"          | 3-3/8"     | 3-5/8"   | D1125, 7190-0442<br>7190-2084, 9656<br>7071061, 25309101 | 4,6   |
| 1/12 | 1550 | 1      | 115/208-230 | 1.1/0.5 | 9721 \$      | REV      | INCLUDED    | 5/16" x 2-5/8"          | 3-3/8"     | 3-5/8"   | 25308601<br>25309101<br>2531194<br>2531195<br>7071061    | 2,6,9 |

### Notes:

- 2. Ball bearing
  - 4. Supplied with Lead and Plug Assembly
  - 6. 60/50 HZ
  - 9. Reversing plug
- \$ Energy Efficient**



Continued on next page

## O.E.M. – Direct Replacement

### Heatcraft (Continued)



992A

| HP  | RPM  | Speeds | Volts   | Amps | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                                                          | Notes |
|-----|------|--------|---------|------|--------------|----------|-------------|-------------------------|------------|----------|--------------------------------------------------------------------------|-------|
| 1/2 | 1075 | 1      | 208-230 | 4.2  | 992A         | REV      | 7.5MFD-370V | 1/2" x 2-3/4"           | 5-5/8"     | 7"       | GE5KCP39PGH728T<br>JOHNSTONE S88-667<br>SCS05001H-CPM120-3<br>FASCO D863 | 2     |

### Hill Refrigeration



UB05CWL2F



OHR1106



160A

| HP  | RPM  | Speeds | Volts   | Amps    | Stock Number | Rot. | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes   |
|-----|------|--------|---------|---------|--------------|------|-------------|-------------------------|------------|----------|-----------------|---------|
| 5W  | 1550 | 1      | 115     | .34     | UB05CWL2F    | CWLE | Shaded Pole | 1/4"-20 THD.            | 3-1/2"     | 2.50"    | PP7577M         |         |
| 1/3 | 1625 | 1      | 208-230 | 3.0     | 160A         | REV  | INCLUDED    | 1/2" x 4"               | 5-5/8"     | 4-5/8"   |                 |         |
| 1   | 1075 | 1      | 208-230 | 7.1/6.4 | OHR1106      | REV  | 15MFD/370V  | 1/2" x 3-3/4"           | 5-5/8"     | 5-1/2"   |                 | 2,9,242 |

### Hussmann



174A



OHS1004



OHS1016



OHS10206



OHS9983

| HP  | RPM  | Speeds | Volts   | Amps | Stock Number | Rot. | Capacitor | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                                                                                                                                  | Notes |
|-----|------|--------|---------|------|--------------|------|-----------|-------------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1/8 | 1550 | 1      | 230     | 1.0  | OHS1004      | CWLE | 5MFD-370V | 1/2" x 2"               | 5-5/8"     | 3-3/4"   | 3011<br>5KSP39DG2221S<br>5KSP39DG4220AS                                                                                                          |       |
| 1/6 | 1625 | 1      | 208-230 | 1.0  | 174A         | REV  | 5MFD-370V | 1/2" x 2-1/2"           | 5-5/8"     | 4"       | S3057                                                                                                                                            |       |
| 1/5 | 1075 | 1      | 230     | 1.6  | OHS1016      | CWLE | INCLUDED  | 1/2" x 3"               | 5-5/8"     | 4-1/4"   | 3009<br>5KCP39GG3611AS<br>D805                                                                                                                   |       |
| 1/5 | 1075 | 1      | 208-230 | 1.3  | OHS10206     | CWLE | INCLUDED  | 1/2" x 3"               | 5-5/8"     | 4-1/8"   | 1648<br>K55CLN1782<br>K55HXKWA8573<br>3008, 3012<br>5KCP39GG5606S<br>5KCP39GG765S<br>5KCP39GGC052T<br>5KCP39GN765<br>5KSP39GGA967T<br>P011-96203 | 2     |
| 1/2 | 1725 | 1      | 208-230 | 2.7  | OHS9983      | CWLE | INCLUDED  | 1/2" x 3-1/2"           | 5-5/8"     | 5-1/8"   | 0644<br>644, K644<br>K055SME164467<br>K55HXCTP9963<br>K55HXSME-1644<br>D890, 259983                                                              | 2,6   |

Notes:  
2. Ball Bearing  
6. 60/50 HZ

## ICE-O-MATIC



246, 254, 256



260

| Watt<br>Output | RPM  | Speeds | Volts | Amps | Stock<br>Number | Rotation | Capacitor   | Shaft<br>Diameter<br>& Length | Motor<br>Dia. | "A"<br>Dim. | Cross<br>Reference | Notes |
|----------------|------|--------|-------|------|-----------------|----------|-------------|-------------------------------|---------------|-------------|--------------------|-------|
| 16W            | 1500 | 1      | 115   | .80  | <b>246</b>      | CWLE     | Shaded Pole | 1/4"-20 THD.                  | 3-7/8"        | 3.39        | 9161045-04         |       |
| 35W            | 1500 | 1      | 115   | 1.4  | <b>254</b>      | CWLE     | Shaded Pole | 1/4"-20 THD.                  | 3-7/8"        | 3.39        | 9161078-01         |       |
| 35W            | 1500 | 1      | 230   | .70  | <b>256</b>      | CWLE     | Shaded Pole | 1/4"-20 THD.                  | 3-7/8"        | 3.39        | 9161078-03         |       |
|                |      |        |       |      |                 |          |             |                               |               |             | 309316-000         |       |
| 50W            | 1500 | 1      | 230   | .85  | <b>260</b>      | CWLE     | Shaded Pole | 3/8 x 1-1/2                   | 3-7/8"        | 3.78        | 319357-000         |       |

## IMI Cornelius



293



297



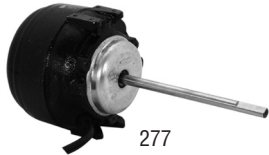
256



260, 291

| Watt<br>Output | RPM  | Speeds | Volts | Amps | Stock<br>Number | Rotation | Capacitor   | Shaft<br>Diameter<br>& Length | Motor<br>Dia. | "A"<br>Dim. | Cross<br>Reference | Notes |
|----------------|------|--------|-------|------|-----------------|----------|-------------|-------------------------------|---------------|-------------|--------------------|-------|
| 15W            | 1500 | 1      | 115   | .60  | <b>293</b>      | CCWLE    | Shaded Pole | 5/16"-7" THD.                 | 3-7/8"        | 3.17        | 31-0472            |       |
|                |      |        |       |      |                 |          |             |                               |               |             | 30-9369            |       |
| 25W            | 1500 | 1      | 115   | 1.1  | <b>297</b>      | CCWLE    | Shaded Pole | 5/16" x 7                     | 3-7/8"        | 3.17        | 31-0154            | 69    |
| 35W            | 1500 | 1      | 230   | .70  | <b>256</b>      | CWLE     | Shaded Pole | 1/4"-20 THD.                  | 3-7/8"        | 3.39        | 30-9316            |       |
| 50W            | 1500 | 1      | 115   | 1.7  | <b>291</b>      | CWLE     | Shaded Pole | 5/16" x 3                     | 3-7/8"        | 3.80        | 13435-0000         |       |
| 50W            | 1500 | 1      | 230   | .85  | <b>260</b>      | CWLE     | Shaded Pole | 3/8" x 1-1/2                  | 3-7/8"        | 3.78        | 319352-000         |       |

## Kelvinator

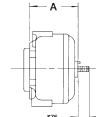
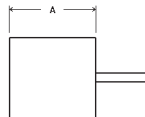


277

| Watt<br>Output | RPM  | Speeds | Volts | Amps | Stock<br>Number | Rotation | Capacitor   | Shaft<br>Diameter<br>& Length | Motor<br>Dia. | "A"<br>Dim. | Cross<br>Reference | Notes |
|----------------|------|--------|-------|------|-----------------|----------|-------------|-------------------------------|---------------|-------------|--------------------|-------|
| 15W            | 1500 | 1      | 115   | .60  | <b>277</b>      | CCWLE    | Shaded Pole | 5/16 x 7                      | 3-7/8"        | 3.32        | 5.024-0366         |       |

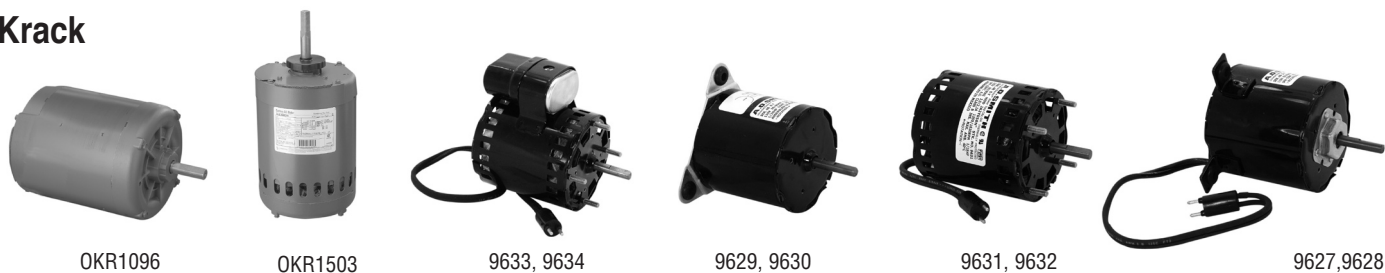
### Notes:

69. Pin hole in shaft



## O.E.M. – Direct Replacement

### Krack



| HP   | RPM  | Speeds | Volts       | Amps        | Stock Number   | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                | Notes |
|------|------|--------|-------------|-------------|----------------|----------|-------------|-------------------------|------------|----------|--------------------------------|-------|
| 1/25 | 1550 | 1      | 115         | 1.3         | <b>9627</b>    | CCWLE    | Shaded Pole | 5/16" x 1-3/4"          | 3-3/8"     | 3-1/4"   | 11528<br>JAP216                | 4,6   |
| 1/25 | 1550 | 1      | 115         | 1.3         | <b>9629</b>    | CCWLE    | Shaded Pole | 5/16" x 1-3/4"          | 3-3/8"     | 3-1/4"   | 11510<br>8254110680<br>JA2P228 | 6     |
| 1/25 | 1550 | 1      | 208-230     | 0.7         | <b>9630</b>    | CCWLE    | Shaded Pole | 5/16" x 1-3/4"          | 3-3/8"     | 3-1/4"   | 11511<br>8254160150<br>JA2P229 | 6     |
| 1/20 | 1550 | 1      | 200-230     | 0.9         | <b>9628</b>    | CCWLE    | Shaded Pole | 5/16" x 1-1/2"          | 3-3/8"     | 3-1/2"   | 11529<br>JA2P217<br>JA2S149    | 4     |
| 1/15 | 1630 | 1      | 115         | 2.1         | <b>9631</b>    | CCWLE    | Shaded Pole | 5/16" x 1-1/2"          | 3-3/8"     | 3-5/8"   | E206444<br>JA2Y031             | 4,6   |
| 1/15 | 1550 | 1      | 208-230     | 1.2         | <b>9632</b>    | CCWLE    | Shaded Pole | 5/16" x 1-1/2"          | 3-3/8"     | 3-5/8"   | E206445<br>JA2Y030             | 4,6   |
| 1/15 | 1640 | 1      | 115         | 0.7         | <b>9633</b>    | CCWLE    | INCLUDED    | 5/16" x 1-1/2"          | 3-3/8"     | 3-5/8"   | JE2F029<br>E206447             | 4,6   |
| 1/15 | 1640 | 1      | 208-230     | 0.3         | <b>9634</b>    | CCWLE    | INCLUDED    | 5/16" x 1-1/2"          | 3-3/8"     | 3-5/8"   | JE2F030<br>E206448             | 4,6   |
| 1/2  | 1140 | 1      | 460/208-230 | .95/2.0-1.9 | <b>OKR1096</b> | REV      | 3 Phase     | 5/8" x 2"               | 6-1/2"     | 9-1/4"   | 150372<br>11096                | 118,2 |
| 1    | 850  | 1      | 460/200-230 | 2.0/4.4-4.0 | <b>OKR1503</b> | REV      | 3 Phase     | 5/8" x 3-1/4"           | 6-1/2"     | 10-1/4"  | 151437<br>11503                | 368,2 |

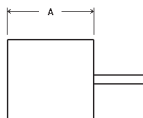
### Kramer Trenton



| HP   | RPM  | Speeds | Volts   | Amps    | Stock Number   | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                                       | Notes |
|------|------|--------|---------|---------|----------------|----------|-------------|-------------------------|------------|----------|-------------------------------------------------------|-------|
| 1/20 | 1450 | 1      | 208/230 | 1.1     | <b>396</b>     | CCWLE    | Shaded Pole | 5/16" x 2-1/2"          | 3-3/8"     | 3-1.4"   |                                                       | 4     |
| 1/12 | 1050 | 1      | 115/230 | 2.7/1.3 | <b>469</b>     | CCWLE    | Shaded Pole | 1/2" x 3-3/8"           | 5"         | 3-1/2"   | DA3G096 & 097                                         |       |
| 1/4  | 1075 | 1      | 115/208 | 3.0/1.5 | <b>OKT1026</b> | CCWLE    | INCLUDED    | 1/2" x 2-1/2"           | 5-5/8"     | 4-7/8"   | 3128<br>5KCP35KG144S<br>5KCP35KG554S<br>5KCP39KGC100T | 2,6   |

#### Notes:

- 2. Ball Bearing
- 4. Supplied with lead and plug assembly
- 6. 60/50 HZ
- 118. TEAO
- 368. Inverter Duty



Continued on next page



## Kramer Trenton (Continued)



C662



OKT3035



OKT3041

| HP  | RPM  | Speeds | Volts       | Amps         | Stock Number | Rotation | Capacitor | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference          | Notes       |
|-----|------|--------|-------------|--------------|--------------|----------|-----------|-------------------------|------------|----------|--------------------------|-------------|
| 1/3 | 1075 | 1      | 115/208-230 | 6.3/2.8-3.15 | OKT3035      | CCWOSE   | INCLUDED  | 1/2" x 3-1/2"           | 5-5/8"     | 6-9/16"  | 03035                    | 2           |
| 1/2 | 1075 | 1      | 208-230     | 4.3          | OKT3041      | CCWOSE   | INCLUDED  | 1/2" x 3-1/2"           | 5-5/8"     | 7-1/4"   | 03041                    | 2, 184, 201 |
| 3/4 | 1075 | 1      | 460/208-230 | 2.1/4.3-4.2  | C662         | REV      | INCLUDED  | 5/8" x 2-1/2"           | 6-1/2"     | 10-1/4"  | 047-104,047-099, 048-004 | 2           |

## Larkin Coil (see Heatcraft)

### Manitowoc



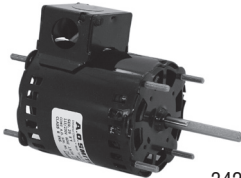
250, 254



260

| Watt Output | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|-------------|------|--------|-------|------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 25W         | 1500 | 1      | 115   | 1.1  | 250          | CWLE     | Shaded Pole | 1/4" x 20 THD           | 3-7/8"     | 3.39     | 002412283       |       |
| 35W         | 1500 | 1      | 115   | 1.4  | 254          | CWLE     | Shaded Pole | 1/4" x 20 THD           | 3-7/8"     | 3.39     | 002401591       |       |
| 50W         | 1500 | 1      | 230   | .85  | 260          | CWLE     | Shaded Pole | 3/8" x 1-1/2"           | 3-7/8"     | 3.78     | 002412353       |       |

### McQuay



342 (3.15" Bolt Circle)

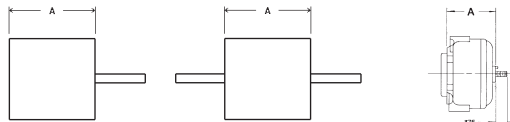


9400

| HP        | RPM  | Speeds | Volts   | Amps       | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|-----------|------|--------|---------|------------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 1/15      | 1550 | 1      | 115/230 | 1.9/9      | 342          | CCWLE    | Shaded Pole | 5/16" x 2-1/2"          | 3-3/8"     | 3-3/4"   | BA2H015         |       |
| 1/15      | 1000 | 3      | 115     | 1.5-1.0-.8 | 9400         | CCWLE    | 4MFD/370V   | 5-5/8" x 3/8" x 5-5/8"  | 3-3/8"     | 4-5/8"   | FASCO D1141     |       |
| 1/25-1/35 |      |        |         |            |              |          |             |                         |            |          | 879-382563B-00  |       |
|           |      |        |         |            |              |          |             |                         |            |          | 879-382563B-00  |       |

#### Notes:

- 2. Ball Bearing
- 184. Leads exit is on shaft end
- 201. Four studs on a 5.15" diameter bolt circle



## O.E.M. - Direct Replacement

### Scotsman



250



258, 260

| Watt Output | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|-------------|------|--------|-------|------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 25W         | 1500 | 1      | 115   | 1.1  | <b>250</b>   | CWLE     | Shaded Pole | 1/4" x 20 THD           | 3-7/8"     | 3.39     | 18-7200-01      |       |
| 50W         | 1500 | 1      | 115   | 1.7  | <b>258</b>   | CWLE     | Shaded Pole | 3/8" x 1-1/2            | 3-7/8"     | 3.78     | 18-5105-11      |       |
| 50W         | 1500 | 1      | 230   | .85  | <b>260</b>   | CWLE     | Shaded Pole | 3/8" x 1-1/2            | 3-7/8"     | 3.78     | 18-5105-02      |       |

### Singer



993



9523

| HP   | RPM  | Speeds | Volts   | Amps    | Stock Number | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference | Notes |
|------|------|--------|---------|---------|--------------|----------|-------------|-------------------------|------------|----------|-----------------|-------|
| 1/25 | 1550 | 1      | 115/230 | 1.6/0.8 | <b>9523</b>  | CCWLE    | Shaded Pole | 5/16" x 2-1/2"          | 3-3/8"     | 3-1/8"   | Fasco D1164     |       |
| 1/10 | 1550 | 1      | 230     | 1.0     | <b>993</b>   | REV      | INCLUDED    | 5/16" x 3-3/4"          | 3-3/8"     | 4-7/8"   | 7071059         |       |

### Tecumseh



254, 256



276



981



9487  
9488



OTC6001  
OTC6004

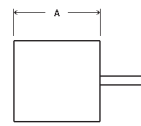
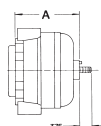


OTC1862  
OTC1864

| HP   | RPM  | Speeds | Volts | Amps | Stock Number   | Rotation | Capacitor   | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                               | Notes |
|------|------|--------|-------|------|----------------|----------|-------------|-------------------------|------------|----------|-----------------------------------------------|-------|
| 35W  | 1500 | 1      | 115   | 1.4  | <b>254</b>     | CWLE     | Shaded Pole | 1/4" x 20 THD           | 3-7/8"     | 3.39     | 810M035A29<br>TFM-351<br>ESPL35EM11-C1        |       |
| 35W  | 1500 | 1      | 230   | .70  | <b>256</b>     | CWLE     | Shaded Pole | 1/4" x 20 THD           | 3-7/8"     | 3.39     | 810M035A28<br>TFM-352<br>ESPL35EM21-C1        |       |
| 50W  | 1500 | 1      | 230   | .85  | <b>276</b>     | CCWLE    | Shaded Pole | 5/16" x 2-1/2"          | 3-7/8"     | 3.75     | 810M050A62                                    |       |
| 1/20 | 1500 | 1      | 115   | 1.7  | <b>9488</b>    | CCWSE    | Shaded Pole | 5/16" x 2-1/8"          | 3-3/8"     | 4-7/8"   | TFM191<br>810E019A080<br>EM F33HXGFG-2876     | 6     |
| 1/20 | 1500 | 1      | 230   | 1.1  | <b>OTC6004</b> | CCWSE    | Shaded Pole | 5/16" x 2-1/2"          | 5"         | 3-1/16"  | 810S037B01<br>326P137                         | 6     |
| 1/15 | 1550 | 1      | 460   | .6   | <b>981</b>     | CCWSE    | Shaded Pole | 5/16" x 2-1/2"          | 3-3/8"     | 4-1/4"   | 810G037A47<br>Fasco D475<br>GE 5KSP11FG1197CS | 184   |
| 1/15 | 1500 | 1      | 230   | 1.3  | <b>OTC6001</b> | CCWLE    | Shaded Pole | 5/16" x 2-3/4"          | 5"         | 3-1/16"  | 810S050A99<br>326P136                         | 6     |
| 1/12 | 1500 | 1      | 230   | 1.3  | <b>9487</b>    | CCWSE    | Shaded Pole | 5/16" x 2-1/8"          | 3-3/8"     | 4-7/8"   | TFM262<br>810E026A81<br>EM F33HXDJ-3668       | 6     |
| 1/4  | 1625 | 1      | 230   | 1.9  | <b>OTC1862</b> | CWLE     | INCLUDED    | 1/2" x 2-3/4"           | 5-5/8"     | 4-3/8"   | TFM1862<br>8330<br>KA55HXKGD8330              | 2,6   |
| 1/4  | 1625 | 1      | 460   | .95  | <b>OTC1864</b> | CWLE     | INCLUDED    | 1/2" x 2-3/4"           | 5-5/8"     | 4-3/8"   | TFM1864<br>8331<br>KA55HGE8331                | 2,6   |

#### Notes:

2. Ball Bearing  
6. 60/50 HZ  
184. Leads exit is on shaft end  
See parts & accessories on page 20



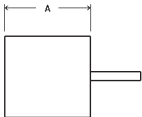
Tyler



OTY1024

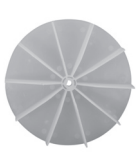
| HP  | RPM  | Speeds | Volts | Amps | Stock Number | Rotation | Capacitor | Shaft Diameter & Length | Motor Dia. | "A" Dim. | Cross Reference                                                              | Notes       |
|-----|------|--------|-------|------|--------------|----------|-----------|-------------------------|------------|----------|------------------------------------------------------------------------------|-------------|
| 1/4 | 1625 | 1      | 230   | 1.9  | OTY1024      | CCWLE    | INCLUDED  | 1/2" x 3"               | 5-5/8"     | 4-5/8"   | 760<br>D870<br>03042<br>5KCP39EGC053T<br>5KCP39EG755S<br>5KCP39EN81S<br>X270 | 2,7,193,350 |

- Notes:
- 2. Ball bearing
  - 7. Resilient mounting rings included
  - 193. Includes former GE brand equipment
  - 350. Conduit connector included



## Parts & Accessories for Unit Bearing & C-Frame Motors

### Plastic Fan Blades Used with C-Frame Motors



Type A



Type B

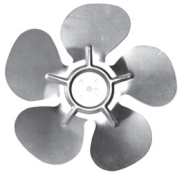


Type C

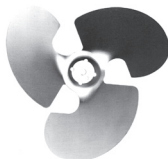
| Stock No.   | Diameter | Hub I.D.   | For Shaft Size | No. of Blades | Rotation* | Fan Type |
|-------------|----------|------------|----------------|---------------|-----------|----------|
| 626137      | 4.00"    | Round      | .187" or 3/16" | 5             | CW        | C        |
| 700027      | 4.19"    | Round      | .181"          | 5             | CW        | C        |
| 700047      | 5.50"    | Round      | .187" or 3/16" | 4             | CCW       | B        |
| 700048      | 5.50"    | Round      | .218" or 7/32" | 4             | CCW       | B        |
| 700046      | 5.56"    | Round      | .187" or 3/16" | 5             | CCW       | C        |
| 700049      | 5.56"    | Round      | .218" or 7/32" | 5             | CCW       | C        |
| 1010784-001 | 4.62"    | "D" Shaped | .181"          | Impeller      | CW/CCW    | A        |

\* Rotation determined by viewing air discharge side of fan blade.

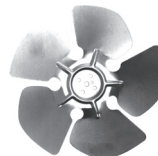
### Unit Bearing Fan Blades



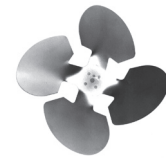
2 & 4 Watt



4 Watt



6 & 9 Watt



9 & 16 Watt

| CW Motor  |      |       |         |
|-----------|------|-------|---------|
| Stock No. | Dia. | Pitch | Airflow |
| 2211      | 7"   | 20°   | Suction |
| 2212      | 7"   | 20°   | Pusher  |
| 2217      | 8"   | 20°   | Suction |
| 2218      | 8"   | 20°   | Pusher  |

| CW Motor  |        |       |         |
|-----------|--------|-------|---------|
| Stock No. | Dia.   | Pitch | Airflow |
| 2256      | 7 3/4" | 32°   | Suction |

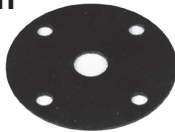
| CW Motor  |        |       |         |
|-----------|--------|-------|---------|
| Stock No. | Dia.   | Pitch | Airflow |
| 2235      | 8 3/4" | 20°   | Suction |

| CW Motor  |      |       |         |
|-----------|------|-------|---------|
| Stock No. | Dia. | Pitch | Airflow |
| 2267      | 10"  | 22°   | Suction |
| 2268      | 10"  | 29°   | Pusher  |

NOTE: Rotation determined by viewing air discharge side of fan. Fan should be guarded before operating. Tighten set screws securely before operating. Pusher = air over motor and through fan. Suction = air through fan and over motor.

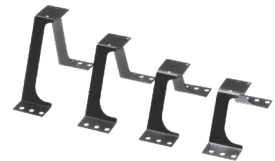
### Rubber Cushion

Stock No.1254A  
12 Per Pack



### Unit Bearing Mounting Brackets

| Stock No. | Height To Motor Shaft | Bracket Height |
|-----------|-----------------------|----------------|
| 2271      | 4 1/8"                | 2 1/32"        |
| 2272      | 4 9/16"               | 2 41/64"       |
| 2273      | 5 3/8"                | 3 29/64"       |
| 2274      | 6 1/4"                | 4 5/16"        |



### Threaded Shaft Adapter

Stock No.1488A  
Adapts 1/4" x 20 threaded shaft to 1/4" round shaft  
2 Per Pack



### Mounting Studs

Stock No.2064A  
8-32 x 3/4"  
8 screws per pack



### Unit Bearing Speed Nut

Stock No.1264A  
6 Per Pack



Note: Item to be discontinued when stock is depleted

### Mounting Studs

Stock No.2087A  
10-32 x 1"  
4 screws per pack



| Mfg. Part No. | Stock No.  | Page No.          | Mfg. Part No. | Stock No.  | Page No.          |
|---------------|------------|-------------------|---------------|------------|-------------------|
| 002401591     | 254        | 4, 12, 15, 17, 18 | 14003         | C01671     | 1                 |
| 002412283     | 250        | 4, 17, 18         | 14005         | C01672     | 1                 |
| 002412313     | 267        | 5                 | 14007         | C01673     | 1                 |
| 002412353     | 260        | 4, 12, 15, 17, 18 | 14013         | C01677     | 1                 |
| 002412373     | 254        | 4, 12, 15, 17, 18 | 14015         | C01678     | 1                 |
| 015184-12     | 250        | 4, 17, 18         | 14017         | C01679     | 1                 |
| 015184-27     | 252        | 4                 | 14019         | C01680     | 1                 |
| 027817-12     | 254        | 4, 12, 15, 17, 18 | 14021         | C01681     | 1                 |
| 029770-12     | 258        | "4, 12, 18"       | 14023         | C01682     | 1                 |
| 029770-27     | 260        | 4, 12, 15, 17, 18 | 14025         | C01683     | 1                 |
| 03035         | OKT3035    | 17                | 1431          | 9653       | 8                 |
| 03041         | OKT3041    | 17                | 1432          | 9654       | 8                 |
| 03042         | OTY1024    | 18                | 1442          | 9655       | 8                 |
| 047-099       | C662       | 17                | 1482          | H1053      | 11                |
| 047-104       | C662       | 17                | 150372        | OKR1096    | 16                |
| 048-004       | C662       | 17                | 151072        | 260        | 4, 12, 15, 17, 18 |
| 050-0018-00   | OCP0108    | 12                | 151077-01     | 260        | 4, 12, 15, 17, 18 |
| 050-0108-00   | OCP0108    | 12                | 151080-01     | UB09CCHA2F | 2                 |
| 050-0244-00   | 260        | 4, 12, 15, 17, 18 | 151080-02     | UB09CCHA2F | 2                 |
| 050-0244-01   | 258        | 4, 12, 18         | 151437        | OKR1503    | 16                |
| 050-0244-02   | 290        | 4, 12             | 1531          | 9656       | 8                 |
| 050-0250-00   | OCP0250    | 12                | 1532          | 9658       | 8                 |
| 050-0251-00   | OCP0251    | 12                | 1541          | 9657       | 8                 |
| 050-0264-0    | 276        | 4, 12, 18         | 1542          | 9659       | 8                 |
| 050-0267-0    | 254        | 4, 12, 15, 17, 18 | 1648          | OHS10206   | 14                |
| 0644          | OHS9983    | 14                | 18-0559-00    | UB09CCHA2F | 2                 |
| 090219-12     | 254        | 4, 12, 15, 17, 18 | 18-0559-01    | 246        | 4, 13, 15         |
| 1016          | 9663       | 8                 | 18-0595-01    | 258        | 4, 12, 18         |
| 11096         | OKR1096    | 16                | 18-0595-02    | 260        | 4, 12, 15, 17, 18 |
| 111147        | H1050      | 11                | 18-0788-01    | 258        | 4, 12, 18         |
| 111148        | H1051      | 11                | 18-0788-02    | 260        | 4, 12, 15, 17, 18 |
| 11503         | OKR1503    | 16                | 1818          | H1050      | 11                |
| 11510         | 9629       | 16                | 1819          | H1051      | 11                |
| 11511         | 9630       | 16                | 1820          | H1050      | 11                |
| 11528         | 9627       | 16                | 1821          | H1051      | 11                |
| 11529         | 9628       | 16                | 1822          | H1052      | 11                |
| 115778        | H1050      | 11                | 1828          | H1053      | 11                |
| 115779        | H1051      | 11                | 18-3704-02    | 260        | 4, 12, 15, 17, 18 |
| 12-1576-02    | UB09CWLA2F | 2                 | 18-5105-02    | 260        | 4, 12, 15, 17, 18 |
| 12-1661-01    | 258        | 4, 12, 18         | 18-5105-11    | 258        | 4, 12, 18         |
| 12-1661-02    | 260        | 4, 12, 15, 17, 18 | 18-5505-01    | 258        | 4, 12, 18         |
| 12-1681-01    | 246        | 4, 13, 15         | 18-5505-11    | 260        | 4, 12, 15, 17, 18 |
| 12-1681-02    | UB09CCHA2F | 2                 | 18-7200-01    | 250        | 4, 17, 18         |
| 1232          | 9665       | 8                 | 18-8736-01    | 254        | 4, 12, 15, 17, 18 |
| 13-00311      | 246        | 4, 13, 15         | 18-8736-02    | 254        | 4, 12, 15, 17, 18 |
| 13-01283      | UB09CCHA2F | 2                 | 18-8736-05    | 254        | 4, 12, 15, 17, 18 |
| 1331          | 9660       | 8                 | 18-8899-01    | 256        | 4, 15, 18         |
| 1332          | 9664       | 8                 | 18-8926-01    | 259        | 4                 |
| 1336          | 9336       | 8                 | 20-0189       | 268        | 5                 |
| 1341          | 9661       | 8                 | 2103          | UB04CCL2F  | 2                 |
| 1342          | 9662       | 8                 | 2108          | UB09CWL2F  | 2                 |
| 134350000     | 291        | 4, 15             | 2109          | UB09CCH2F  | 2                 |
| 14001         | C01670     | 1                 | 2110          | UB09CWH2F  | 2                 |



## Cross Reference

| Mfg. Part No.       | Stock No.    | Page No.          |
|---------------------|--------------|-------------------|
| 2111                | UB16CCLV12F  | 2                 |
| 2112                | UB16CWL12F   | 2                 |
| 2113 (unit bearing) | UB16CCHV12F  | 2                 |
| 2113 (21/29 frame)  | 609          | 10                |
| 2114                | UB16CWHV12F  | 2                 |
| 2115                | UB04CWL2F    | 2                 |
| 2116                | UB06CCL2F    | 2                 |
| 2117                | UB06CWL2F    | 2                 |
| 2118                | UB09CCL2F    | 2                 |
| 2119                | UB05CWL2F    | 2                 |
| 2122                | UB04CCH2F    | 2                 |
| 2123                | UB04CWH2F    | 2                 |
| 2162513             | 254          | 4, 12, 15, 17, 18 |
| 2162722             | 254          | 4, 12, 15, 17, 18 |
| 2121                | 608          | 10                |
| 2122                | 608          | 10                |
| 2131                | 615          | 10                |
| 2132                | 615          | 10                |
| 2141                | 614          | 10                |
| 2142                | 614          | 10                |
| 2223                | 606, 612A    | 10                |
| 2231                | 613A         | 10                |
| 2232                | 613A         | 10                |
| 2321                | 604          | 10                |
| 2322                | 604          | 10                |
| 2331                | 611          | 10                |
| 2332                | 611          | 10                |
| 23346               | 259          | 4                 |
| 2341                | 610          | 10                |
| 2342                | 610          | 10                |
| 23526               | 246          | 4, 13, 15         |
| 24-03448            | 256          | 4, 15, 18         |
| 24-0366             | 277          | 4, 13, 15         |
| 25242               | 254          | 4, 12, 15, 17, 18 |
| 25308601            | 9721         | 9, 13             |
| 25309101            | 9720A / 9721 | 13 / 9, 13        |
| 253-1194            | 574          | 13                |
| 253-1195            | 575          | 13                |
| 2531194             | 9721         | 9, 13             |
| 2531195             | 9721         | 9, 13             |
| 259983              | OHS9983      | 14                |
| 2927                | 9666         | 10                |
| 2928                | 9667         | 10                |
| 2953                | 9668         | 10                |
| 2954                | 9669         | 10                |
| 3001                | 160A         | 14                |
| 3008                | OHS10206     | 14                |
| 3009                | OHS1016      | 14                |
| 3011                | OHS1004      | 14                |
| 3012                | OHS10206     | 14                |
| 3047                | OCP1024      | 12                |
| 3067                | OHR1106      | 14                |
| 30-9316             | 256          | 4, 15, 18         |

| Mfg. Part No. | Stock No.  | Page No.          |
|---------------|------------|-------------------|
| 30-9369       | 293        | 4, 15             |
| 309316-000    | 256        | 4, 15, 18         |
| 31-0154       | 297        | 4, 15             |
| 31-0472       | 293        | 4, 15             |
| 3124          | OCP0108    | 12                |
| 3128          | OKT1026    | 17                |
| 3189          | H1050      | 11                |
| 3190          | H1051      | 11                |
| 319352-000    | 260        | 4, 12, 15, 17, 18 |
| 319357-000    | 260        | 4, 12, 15, 17, 18 |
| 322P913       | OCP0251    | 12                |
| 322P914       | OCP0250    | 12                |
| 326P136       | OTC6001    | 18                |
| 326P137       | OTC6004    | 18                |
| 332417-011    | UB09CWLA2F | 2                 |
| 332418-011    | UB06CWLA2F | 2                 |
| 3590          | CRAN590    | 1                 |
| 35961         | 256        | 4, 15, 18         |
| 37153         | 260        | 4, 12, 15, 17, 18 |
| 3M612         | 160A       | 14                |
| 5007S         | C01691     | 13                |
| 5007T         | C01692     | 13                |
| 5008SS        | 572A       | 13                |
| 5008TS        | 573A       | 13                |
| 501-058B      | 252        | 4                 |
| 501-070B      | 246        | 4, 13, 15         |
| 501-086B      | 254        | 4, 12, 15, 17, 18 |
| 501-114B      | 258        | 4, 12, 18         |
| 5018S         | C01691     | 13                |
| 5018T         | C01692     | 13                |
| 5.024-0366    | 277        | 4, 13, 15         |
| 5034LS        | 572A       | 13                |
| 5034MS        | 573A       | 13                |
| 5036F         | C01691     | 13                |
| 5036G         | C01692     | 13                |
| 5109          | UB02CWLA   | 3                 |
| 5111          | UB025CWL   | 3                 |
| 5211          | UB04CWL    | 3                 |
| 5212          | UB04CCL    | 3                 |
| 5213          | UB04CWLA   | 3                 |
| 5214          | UB04CCLA   | 3                 |
| 5221          | UB04CWH    | 3                 |
| 5222          | UB04CCH    | 3                 |
| 5223          | UB04CWHA   | 3                 |
| 5224          | UB04CCHA   | 3                 |
| 5311          | UB06CWL    | 3                 |
| 5312          | UB06CCL    | 3                 |
| 5313          | UB06CWLA   | 3                 |
| 5314          | UB06CCLA   | 3                 |
| 5411          | UB09CWL    | 3                 |
| 5412          | UB09CCL    | 3                 |
| 5413          | UB09CWLA   | 3                 |
| 5414          | UB09CCLA   | 3                 |

| Mfg. Part No.  | Stock No. | Page No. | Mfg. Part No. | Stock No.  | Page No. |
|----------------|-----------|----------|---------------|------------|----------|
| 5421           | UB09CWH   | 3        | 5KSP11BG1097  | 9657       | 8        |
| 5422           | UB09CCH   | 3        | 5KSP11BG1119  | 9656       | 8        |
| 5423           | UB09CWHA  | 3        | 5KSP11BG1137  | 9659       | 8        |
| 5424           | UB09CCHA  | 3        | 5KSP11BG1154  | 9659       | 8        |
| 5811           | UB16CWL1  | 3        | 5KSP11BG1163  | 9657       | 8        |
| 5812           | UB16CCLV1 | 3        | 5KSP11BG1183  | 9657       | 8        |
| 5813           | UB16CWLA  | 3        | 5KSP11BG1184  | 9657       | 8        |
| 5814           | UB16CCLA  | 3        | 5KSP11BG1185  | 9659       | 8        |
| 5821           | UB16CWHV1 | 3        | 5KSP11BG1186  | 9659       | 8        |
| 5822           | UB16CCHV1 | 3        | 5KSP11BG1272  | 9653       | 8        |
| 5823           | UB16CWHA  | 3        | 5KSP11BG1273  | 9654       | 8        |
| 5KCP32KG175S   | OCPO108   | 12       | 5KSP11BG1311  | 9657       | 8        |
| 5KCP32KG259S   | OCPO108   | 12       | 5KSP11BG1378  | 9657       | 8        |
| 5KCP35KG144S   | OKT1026   | 17       | 5KSP11BG734   | 9657       | 8        |
| 5KCP35KG554S   | OKT1026   | 17       | 5KSP11BG735   | 9656       | 8        |
| 5KCP35MN34S    | OKT3035   | 17       | 5KSP11BG736   | 9659       | 8        |
| 5KCP36MG138S   | OKT3035   | 17       | 5KSP11BG737   | 9658       | 8        |
| 5KCP37PG244S   | OKT3041   | 17       | 5KSP11BG742   | 9657       | 8        |
| 5KCP37PN244S   | OKT3041   | 17       | 5KSP11BG743   | 9656       | 8        |
| 5KCP39CGD151CS | OTC1862   | 18       | 5KSP11BG744   | 9657       | 8        |
| 5KCP39CGN208AS | OTC1862   | 18       | 5KSP11BG745   | 9658       | 8        |
| 5KCP39DGN206AS | OTC1864   | 18       | 5KSP11BG774   | 9656       | 8        |
| 5KCP39DGN207AS | OTC1862   | 18       | 5KSP11BG776   | 9656       | 8        |
| 5KCP39ED755S   | OTY1024   | 18       | 5KSP11BG784   | 9657       | 8        |
| 5KCP39EGC053T  | OTY1024   | 18       | 5KSP11BG801   | 9656       | 8        |
| 5KCP39EGD150BS | OTC1862   | 18       | 5KSP11BG829   | 9657       | 8        |
| 5KCP39EN81S    | OTY1024   | 18       | 5KSP11BG830   | 9657       | 8        |
| 5KCP39GG3537S  | OCPO1024  | 12       | 5KSP11BG834   | 9657       | 8        |
| 5KCP39GG3611AS | OHS1016   | 14       | 5KSP11BG924   | 9657       | 8        |
| 5KCP39GG5606S  | OHS10206  | 14       | 5KSP11DB131   | 9657       | 8        |
| 5KCP39GG765S   | OHS10206  | 14       | 5KSP11DG101   | 9657       | 8        |
| 5KCP39GGC052T  | OHS10206  | 14       | 5KSP11DG1017  | 9657       | 8        |
| 5KCP39GGD320T  | OCPO1024  | 12       | 5KSP11DG1062  | 9657       | 8        |
| 5KCP39GN765    | OHS10206  | 14       | 5KSP11DG1132  | 9654       | 8        |
| 5KCP39KG1369BS | 160A      | 14       | 5KSP11DG116   | 9657       | 8        |
| 5KCP39KGB906AS | OCPO108   | 12       | 5KSP11DG117   | 9656       | 8        |
| 5KCP39KGB906AT | OCPO108   | 12       | 5KSP11DG1175  | 9656       | 8        |
| 5KCP39KGC100T  | OKT1026   | 17       | 5KSP11DG1176  | 9658       | 8        |
| 5KCP39MGC055T  | OKT3035   | 17       | 5KSP11DG1177  | 9655       | 8        |
| 5KCP39MGD118AS | OTC1864   | 18       | 5KSP11DG118   | 9659       | 8        |
| 5KCP39PGC030S  | OHR1106   | 14       | 5KSP11DG12    | 9656       | 8        |
| 5KCP39PGC054T  | OKT3041   | 17       | 5KSP11DG120   | 9657       | 8        |
| 5KCP39PGC910S  | OHR1106   | 14       | 5KSP11DG123   | 9657       | 8        |
| 5KCP39PGH728T  | 992A      | 14       | 5KSP11DG124   | 9659       | 8        |
| 5KCP39PP19162G | OHR1106   | 14       | 5KSP11DG1250  | 9657       | 8        |
| 5KS021HG1423   | 609*      | 10       | 5KSP11DG132   | 9659       | 8        |
| 5KSM59ES2001   | 9721      | 9, 13    | 5KSP11DG134   | 9658       | 8        |
| 5KSM59JS5036S  | 9721      | 9, 13    | 5KSP11DG145   | 9658       | 8        |
| 5KSM59JSK143S  | 9721      | 9, 13    | 5KSP11DG154   | 9661, 672B | 8        |
| 5KSM59LS2262AS | 9721      | 9, 13    | 5KSP11DG155   | 9657       | 8        |
| 5KSP11BG1001   | 9659      | 8        | 5KSP11DG158   | 9657       | 8        |
| 5KSP11BG1022   | 9657      | 8        | 5KSP11DG171   | 9658       | 8        |
| 5KSP11BG1064   | 9656      | 8        | 5KSP11DG177   | 9659       | 8        |

## Cross Reference

| Mfg. Part No. | Stock No. | Page No. | Mfg. Part No.  | Stock No.  | Page No. |
|---------------|-----------|----------|----------------|------------|----------|
| 5KSP11DG182   | 9658      | 8        | 5KSP11DG492    | 9656       | 8        |
| 5KSP11DG184   | 9656      | 8        | 5KSP11DG494    | 9657       | 8        |
| 5KSP11DG199   | 9657      | 8        | 5KSP11DG495    | 9659       | 8        |
| 5KSP11DG200   | 9659      | 8        | 5KSP11DG496    | 9656       | 8        |
| 5KSP11DG216   | 9657      | 8        | 5KSP11DG497    | 9658       | 8        |
| 5KSP11DG227   | 9656      | 8        | 5KSP11DG501    | 9662, 672B | 8        |
| 5KSP11DG234   | 9657      | 8        | 5KSP11DG506    | 9658       | 8        |
| 5KSP11DG235   | 9659      | 8        | 5KSP11DG507    | 9658       | 8        |
| 5KSP11DG237   | 9659      | 8        | 5KSP11DG509    | 9658       | 8        |
| 5KSP11DG244   | 9657      | 8        | 5KSP11DG510    | 9657       | 8        |
| 5KSP11DG254   | 9657      | 8        | 5KSP11DG514    | 9656       | 8        |
| 5KSP11DG257   | 9656      | 8        | 5KSP11DG532    | 9658       | 8        |
| 5KSP11DG259   | 9659      | 8        | 5KSP11DG560    | 9657       | 8        |
| 5KSP11DG26    | 9659      | 8        | 5KSP11DG571    | 9657       | 8        |
| 5KSP11DG267   | 9657      | 8        | 5KSP11DG581    | 9657       | 8        |
| 5KSP11DG27    | 9657      | 8        | 5KSP11DG6      | 9656       | 8        |
| 5KSP11DG273   | 9658      | 8        | 5KSP11DG634    | 9661, 672B | 8        |
| 5KSP11DG274   | 9658      | 8        | 5KSP11DG644    | 9656       | 8        |
| 5KSP11DG277   | 9657      | 8        | 5KSP11DG662    | 9657       | 8        |
| 5KSP11DG278   | 9659      | 8        | 5KSP11DG699    | 9656       | 8        |
| 5KSP11DG28    | 9657      | 8        | 5KSP11DG716    | 9659       | 8        |
| 5KSP11DG288   | 9657      | 8        | 5KSP11DG728    | 9657       | 8        |
| 5KSP11DG291   | 9657      | 8        | 5KSP11DG732    | 9656       | 8        |
| 5KSP11DG297   | 9657      | 8        | 5KSP11DG739    | 9656       | 8        |
| 5KSP11DG3     | 9657      | 8        | 5KSP11DG747    | 9656       | 8        |
| 5KSP11DG33    | 9657      | 8        | 5KSP11DG749    | 9658       | 8        |
| 5KSP11DG351   | 9657      | 8        | 5KSP11DG755    | 9653, 671B | 8        |
| 5KSP11DG352   | 9657      | 8        | 5KSP11DG756    | 9655, 672B | 8        |
| 5KSP11DG353   | 9659      | 8        | 5KSP11DG757    | 9654, 671B | 8        |
| 5KSP11DG354   | 9656      | 8        | 5KSP11DG766    | 9656       | 8        |
| 5KSP11DG355   | 9658      | 8        | 5KSP11DG814    | 9653, 671B | 8        |
| 5KSP11DG36    | 9657      | 8        | 5KSP11DG816    | 9654, 671B | 8        |
| 5KSP11DG360   | 9657      | 8        | 5KSP11DG9      | 9657       | 8        |
| 5KSP11DG367   | 9659      | 8        | 5KSP11DG901    | 9656       | 8        |
| 5KSP11DG392   | 9657      | 8        | 5KSP11DG902    | 9658       | 8        |
| 5KSP11DG400   | 9656      | 8        | 5KSP11DG903    | 9657       | 8        |
| 5KSP11DG403   | 9657      | 8        | 5KSP11DG904    | 9659       | 8        |
| 5KSP11DG406   | 9659      | 8        | 5KSP11FG10     | 672B       | 8        |
| 5KSP11DG407   | 9659      | 8        | 5KSP11FG1046   | 9663, 671B | 8        |
| 5KSP11DG41    | 9658      | 8        | 5KSP11FG1094   | 9663, 671B | 8        |
| 5KSP11DG413   | 9657      | 8        | 5KSP11FG1102   | 9661, 672B | 8        |
| 5KSP11DG430   | 9657      | 8        | 5KSP11FG1120   | 672B       | 8        |
| 5KSP11DG431   | 9659      | 8        | 5KSP11FG1121   | 9662       | 8        |
| 5KSP11DG447   | 9656      | 8        | 5KSP11FG1121   | 672B       | 8        |
| 5KSP11DG455   | 9657      | 8        | 5KSP11FG1124   | 672B       | 8        |
| 5KSP11DG458   | 9657      | 8        | 5KSP11FG1126   | 672B       | 8        |
| 5KSP11DG468   | 9659      | 8        | 5KSP11FG1129   | 672B       | 8        |
| 5KSP11DG469   | 9656      | 8        | 5KSP11FG114    | 672B       | 8        |
| 5KSP11DG47    | 9656      | 8        | 5KSP11FG1179   | 9662, 672B | 8        |
| 5KSP11DG477   | 9658      | 8        | 5KSP11FG119    | 672B       | 8        |
| 5KSP11DG479   | 9657      | 8        | 5KSP11FG1197CS | 981        | 8, 18    |
| 5KSP11DG48    | 9656      | 8        | 5KSP11FG1214   | 9660, 671B | 8        |
| 5KSP11DG484   | 9656      | 8        | 5KSP11FG1214S  | 9660, 671B | 8        |

| Mfg. Part No. | Stock No.    | Page No. | Mfg. Part No. | Stock No.  | Page No. |
|---------------|--------------|----------|---------------|------------|----------|
| 5KSP11FG1215  | 9664, 671B   | 8        | 5KSP11FG38    | 9655, 672B | 8        |
| 5KSP11FG1216  | 9661, 672B   | 8        | 5KSP11FG398   | 9653, 671B | 8        |
| 5KSP11FG1217  | 9662         | 8        | 5KSP11FG4     | 672B       | 8        |
| 5KSP11FG1217S | 9662         | 8        | 5KSP11FG401   | 9654, 671B | 8        |
| 5KSP11FG1222  | 9664, 671B   | 8        | 5KSP11FG402   | 9654, 671B | 8        |
| 5KSP11FG127   | 672B         | 8        | 5KSP11FG411   | 9655, 672B | 8        |
| 5KSP11FG13    | "9653, 671B" | 8        | 5KSP11FG418   | 9654, 671B | 8        |
| 5KSP11FG130   | 672B         | 8        | 5KSP11FG419   | 672B       | 8        |
| 5KSP11FG1330  | 9661         | 8        | 5KSP11FG420   | 9655, 672B | 8        |
| 5KSP11FG135   | 9655, 672B   | 8        | 5KSP11FG423   | 9655, 672B | 8        |
| 5KSP11FG1377  | 9664, 671B   | 8        | 5KSP11FG425   | 672B       | 8        |
| 5KSP11FG140   | 9655, 672B   | 8        | 5KSP11FG426   | 9655, 672B | 8        |
| 5KSP11FG1541  | 9664         | 8        | 5KSP11FG427   | 9655, 672B | 8        |
| 5KSP11FG160   | 672B         | 8        | 5KSP11FG428   | 9655, 672B | 8        |
| 5KSP11FG164   | 672B         | 8        | 5KSP11FG429   | 672B       | 8        |
| 5KSP11FG165   | 672B         | 8        | 5KSP11FG432   | 9655, 672B | 8        |
| 5KSP11FG166   | 9654, 671B   | 8        | 5KSP11FG441   | 672B       | 8        |
| 5KSP11FG173   | 9655, 672B   | 8        | 5KSP11FG443   | 9661, 672B | 8        |
| 5KSP11FG191   | 672B         | 8        | 5KSP11FG444   | 672B       | 8        |
| 5KSP11FG193   | 9655, 672B   | 8        | 5KSP11FG457   | 9655, 672B | 8        |
| 5KSP11FG195   | 9655, 672B   | 8        | 5KSP11FG463   | 9661, 672B | 8        |
| 5KSP11FG196   | 672B         | 8        | 5KSP11FG476   | 672B       | 8        |
| 5KSP11FG201   | 9655, 672B   | 8        | 5KSP11FG485   | 9661, 672B | 8        |
| 5KSP11FG205   | 9653, 671B   | 8        | 5KSP11FG491   | 672B       | 8        |
| 5KSP11FG206   | 672B         | 8        | 5KSP11FG498   | 9655, 672B | 8        |
| 5KSP11FG209   | 9654, 671B   | 8        | 5KSP11FG499   | 9653, 671B | 8        |
| 5KSP11FG210   | 9654, 671B   | 8        | 5KSP11FG500   | 9654, 671B | 8        |
| 5KSP11FG217   | 672B         | 8        | 5KSP11FG502   | 672B       | 8        |
| 5KSP11FG22    | 9661, 672B   | 8        | 5KSP11FG518   | 672B       | 8        |
| 5KSP11FG222   | 672B         | 8        | 5KSP11FG519   | 9655, 672B | 8        |
| 5KSP11FG226   | 672B         | 8        | 5KSP11FG522   | 672B       | 8        |
| 5KSP11FG228   | 9653, 671B   | 8        | 5KSP11FG527   | 672B       | 8        |
| 5KSP11FG229   | 9655, 672B   | 8        | 5KSP11FG528   | 9653, 671B | 8        |
| 5KSP11FG239   | 9655, 672B   | 8        | 5KSP11FG544   | 9655, 672B | 8        |
| 5KSP11FG241   | 9655, 672B   | 8        | 5KSP11FG547   | 9655, 672B | 8        |
| 5KSP11FG248   | 672B         | 8        | 5KSP11FG548   | 9654, 671B | 8        |
| 5KSP11FG255   | 672B         | 8        | 5KSP11FG550   | 9655, 672B | 8        |
| 5KSP11FG268   | 672B         | 8        | 5KSP11FG552   | 672B       | 8        |
| 5KSP11FG270   | 9654, 671B   | 8        | 5KSP11FG568   | 9655, 672B | 8        |
| 5KSP11FG275   | 672B         | 8        | 5KSP11FG621   | 672B       | 8        |
| 5KSP11FG281   | 9655, 672B   | 8        | 5KSP11FG622   | 9655, 672B | 8        |
| 5KSP11FG285   | 9653, 671B   | 8        | 5KSP11FG627   | 672B       | 8        |
| 5KSP11FG286   | 9654, 671B   | 8        | 5KSP11FG651   | 672B       | 8        |
| 5KSP11FG287   | 9654         | 8        | 5KSP11FG656   | 9654, 671B | 8        |
| 5KSP11FG289   | 672B         | 8        | 5KSP11FG671   | 672B       | 8        |
| 5KSP11FG298   | 672B         | 8        | 5KSP11FG692   | 9654, 671B | 8        |
| 5KSP11FG310   | 672B         | 8        | 5KSP11FG698   | 672B       | 8        |
| 5KSP11FG356   | 672B         | 8        | 5KSP11FG7     | 9653, 671B | 8        |
| 5KSP11FG357   | 9655, 672B   | 8        | 5KSP11FG703   | 9653, 671B | 8        |
| 5KSP11FG358   | 9653, 671B   | 8        | 5KSP11FG718   | 672B       | 8        |
| 5KSP11FG359   | 9654, 671B   | 8        | 5KSP11FG788   | 672B       | 8        |
| 5KSP11FG37    | 9655, 672B   | 8        | 5KSP11FG789   | 9660, 671B | 8        |
| 5KSP11FG373   | 9654, 671B   | 8        | 5KSP11FG790   | 9662, 672B | 8        |

## Cross Reference

| Mfg. Part No. | Stock No.  | Page No. |  | Mfg. Part No. | Stock No. | Page No. |
|---------------|------------|----------|--|---------------|-----------|----------|
| 5KSP11FG791   | 9663, 671B | 8        |  | 5KSP21DG1501  | 612A      | 10       |
| 5KSP11FG792   | 9661, 672B | 8        |  | 5KSP21DG1513  | 612A      | 10       |
| 5KSP11FG793   | 9660, 671B | 8        |  | 5KSP21DG1514  | 612A      | 10       |
| 5KSP11FG794   | 9662, 672B | 8        |  | 5KSP21DG1515  | 613A      | 10       |
| 5KSP11FG795   | 9664, 671B | 8        |  | 5KSP21DG1516  | 613A      | 10       |
| 5KSP11FG796   | 9661, 672B | 8        |  | 5KSP21DG1550  | 612A*     | 10       |
| 5KSP11FG797   | 9660, 671B | 8        |  | 5KSP21DG1583  | 612A*     | 10       |
| 5KSP11FG798   | 9662, 672B | 8        |  | 5KSP21DG164   | 613A      | 10       |
| 5KSP11FG799   | 9664, 671B | 8        |  | 5KSP21DG1667  | 613A*     | 10       |
| 5KSP11FG817   | 9661, 672B | 8        |  | 5KSP21DG1672  | 613A      | 10       |
| 5KSP11FG818   | 9660, 671B | 8        |  | 5KSP21DG1699  | 613A      | 10       |
| 5KSP11FG820   | 9664, 671B | 8        |  | 5KSP21DG1701  | 612A      | 10       |
| 5KSP11FG951   | 9653, 671B | 8        |  | 5KSP21DG1734  | 613A      | 10       |
| 5KSP11FG952   | 9654, 671B | 8        |  | 5KSP21DG1752  | 613A      | 10       |
| 5KSP11FG953   | 672B       | 8        |  | 5KSP21DG1786  | 613A      | 10       |
| 5KSP11FG954   | 9655, 672B | 8        |  | 5KSP21DG1834  | 613A      | 10       |
| 5KSP11FG954S  | 9655       | 8        |  | 5KSP21DG1864  | 613A      | 10       |
| 5KSP11FG957   | 672B       | 8        |  | 5KSP21DG1885  | 613A      | 10       |
| 5KSP11FG958   | 9655, 672B | 8        |  | 5KSP21DG1890  | 613A*     | 10       |
| 5KSP11FG962   | 9663, 671B | 8        |  | 5KSP21DG1915  | 613A      | 10       |
| 5KSP11FG963   | 672B       | 8        |  | 5KSP21DG1943  | 613A*     | 10       |
| 5KSP11FG967   | 672B       | 8        |  | 5KSP21DG198   | 613A      | 10       |
| 5KSP11HG1230  | 671B       | 8        |  | 5KSP21DG2023  | 613A*     | 10       |
| 5KSP11HG1231  | 671B       | 8        |  | 5KSP21DG205   | 613A      | 10       |
| 5KSP11HG1245  | 9665, 671B | 8        |  | 5KSP21DG2065  | 613A*     | 10       |
| 5KSP11HG1246  | 671B       | 8        |  | 5KSP21DG2116  | 613A*     | 10       |
| 5KSP21DB1021  | 612A       | 10       |  | 5KSP21DG2123  | 613A*     | 10       |
| 5KSP21DB107   | 612A       | 10       |  | 5KSP21DG2124  | 612A*     | 10       |
| 5KSP21DB1164  | 612A       | 10       |  | 5KSP21DG2129  | 613A*     | 10       |
| 5KSP21DB1200  | 612A       | 10       |  | 5KSP21DG2139  | 613A*     | 10       |
| 5KSP21DB1201  | 613A*      | 10       |  | 5KSP21DG2140  | 613A*     | 10       |
| 5KSP21DB1236  | 613A*      | 10       |  | 5KSP21DG2162  | 612A      | 10       |
| 5KSP21DB128   | 613A       | 10       |  | 5KSP21DG2181  | 612A      | 10       |
| 5KSP21DB1283  | 613A*      | 10       |  | 5KSP21DG2213  | 612A*     | 10       |
| 5KSP21DG1     | 612A       | 10       |  | 5KSP21DG2214  | 612A*     | 10       |
| 5KSP21DG101   | 613A       | 10       |  | 5KSP21DG2268  | 612A*     | 10       |
| 5KSP21DG1106  | 613A       | 10       |  | 5KSP21DG2307  | 612A*     | 10       |
| 5KSP21DG1129  | 612A*      | 10       |  | 5KSP21DG2309  | 612A*     | 10       |
| 5KSP21DG116   | 612A       | 10       |  | 5KSP21DG2326  | 613A*     | 10       |
| 5KSP21DG118   | 613A       | 10       |  | 5KSP21DG249   | 612A      | 10       |
| 5KSP21DG1227  | 613A*      | 10       |  | 5KSP21DG250   | 612A      | 10       |
| 5KSP21DG1235  | 612A*      | 10       |  | 5KSP21DG29    | 613A      | 10       |
| 5KSP21DG1255  | 613A*      | 10       |  | 5KSP21DG3001  | 613A      | 10       |
| 5KSP21DG1271  | 612A*      | 10       |  | 5KSP21DG3002  | 613A      | 10       |
| 5KSP21DG1328  | 613A       | 10       |  | 5KSP21DG3003  | 612A      | 10       |
| 5KSP21DG1334  | 613A*      | 10       |  | 5KSP21DG3004  | 612A      | 10       |
| 5KSP21DG1337  | 613A       | 10       |  | 5KSP21DG3021  | 613A*     | 10       |
| 5KSP21DG134   | 612A       | 10       |  | 5KSP21DG3024  | 612A*     | 10       |
| 5KSP21DG14    | 612A       | 10       |  | 5KSP21DG3027  | 613A      | 10       |
| 5KSP21DG1437  | 612A*      | 10       |  | 5KSP21DG379   | 613A      | 10       |
| 5KSP21DG144   | 612A       | 10       |  | 5KSP21DG42    | 613A      | 10       |
| 5KSP21DG1453  | 613A*      | 10       |  | 5KSP21DG425   | 612A      | 10       |
| 5KSP21DG1463  | 612A*      | 10       |  | 5KSP21DG432   | 613A      | 10       |

\* Shaft Bushing Required

| Mfg. Part No. | Stock No. | Page No. | Mfg. Part No. | Stock No. | Page No. |
|---------------|-----------|----------|---------------|-----------|----------|
| 5KSP21DG466   | 613A      | 10       | 5KSP21FG1522  | 615       | 10       |
| 5KSP21DG472   | 612A      | 10       | 5KSP21FG1542  | 615*      | 10       |
| 5KSP21DG480   | 613A      | 10       | 5KSP21FG1559  | 615*      | 10       |
| 5KSP21DG501   | 612A      | 10       | 5KSP21FG16    | 614       | 10       |
| 5KSP21DG532   | 613A      | 10       | 5KSP21FG1612  | 608*      | 10       |
| 5KSP21DG548   | 613A      | 10       | 5KSP21FG1669  | 615       | 10       |
| 5KSP21DG589   | 612A      | 10       | 5KSP21FG1682  | 614*      | 10       |
| 5KSP21DG6     | 612A      | 10       | 5KSP21FG1686  | 614*      | 10       |
| 5KSP21DG68    | 612A      | 10       | 5KSP21FG1687  | 615*      | 10       |
| 5KSP21DG684   | 613A      | 10       | 5KSP21FG1688  | 614*      | 10       |
| 5KSP21DG729   | 613A      | 10       | 5KSP21FG1698  | 614*      | 10       |
| 5KSP21DG731   | 613A      | 10       | 5KSP21FG1789  | 614*      | 10       |
| 5KSP21DG739   | 613A      | 10       | 5KSP21FG1792  | 614*      | 10       |
| 5KSP21DG741   | 612A      | 10       | 5KSP21FG199   | 615       | 10       |
| 5KSP21DG780   | 612A      | 10       | 5KSP21FG2     | 614       | 10       |
| 5KSP21DG786   | 613A      | 10       | 5KSP21FG2039  | 614*      | 10       |
| 5KSP21DG810   | 612A*     | 10       | 5KSP21FG2182  | 614*      | 10       |
| 5KSP21DG820   | 613A      | 10       | 5KSP21FG2187  | 615*      | 10       |
| 5KSP21DG828   | 612A*     | 10       | 5KSP21FG2279  | 614*      | 10       |
| 5KSP21DG836   | 613A*     | 10       | 5KSP21FG240   | 615       | 10       |
| 5KSP21DG837   | 613A      | 10       | 5KSP21FG269   | 614       | 10       |
| 5KSP21DG839   | 612A      | 10       | 5KSP21FG3027  | 615       | 10       |
| 5KSP21DG86    | 613A      | 10       | 5KSP21FG3031  | 615       | 10       |
| 5KSP21DG906   | 612A*     | 10       | 5KSP21FG3101  | 615       | 10       |
| 5KSP21DG907   | 612A*     | 10       | 5KSP21FG3103  | 614       | 10       |
| 5KSP21DG908   | 613A*     | 10       | 5KSP21FG3104  | 615       | 10       |
| 5KSP21DG909   | 613A*     | 10       | 5KSP21FG3121  | 615*      | 10       |
| 5KSP21DG941   | 612A*     | 10       | 5KSP21FG3122  | 615*      | 10       |
| 5KSP21DG942   | 612A*     | 10       | 5KSP21FG3123  | 614*      | 10       |
| 5KSP21DG943   | 613A*     | 10       | 5KSP21FG3124  | 615*      | 10       |
| 5KSP21DG944   | 613A*     | 10       | 5KSP21FG3156  | 608       | 10       |
| 5KSP21DG957   | 612A      | 10       | 5KSP21FG3196  | 608       | 10       |
| 5KSP21DG976   | 613A      | 10       | 5KSP21FG485   | 613A      | 10       |
| 5KSP21FG1024  | 614*      | 10       | 5KSP21FG604   | 613A      | 10       |
| 5KSP21FG112   | 615       | 10       | 5KSP21FG76    | 613A      | 10       |
| 5KSP21FG1136  | 614*      | 10       | 5KSP21FG81    | 615       | 10       |
| 5KSP21FG1159  | 614       | 10       | 5KSP21FG831   | 614       | 10       |
| 5KSP21FG1160  | 614       | 10       | 5KSP21FG832   | 615*      | 10       |
| 5KSP21FG1231  | 614*      | 10       | 5KSP21FG833   | 614*      | 10       |
| 5KSP21FG1239  | 614*      | 10       | 5KSP21FG876   | 614*      | 10       |
| 5KSP21FG124   | 615       | 10       | 5KSP21FG914   | 614*      | 10       |
| 5KSP21FG1240  | 615*      | 10       | 5KSP21FG915   | 614*      | 10       |
| 5KSP21FG1243  | 614*      | 10       | 5KSP21FG916   | 615*      | 10       |
| 5KSP21FG125   | 614       | 10       | 5KSP21FG917   | 615*      | 10       |
| 5KSP21FG1253  | 614*      | 10       | 5KSP21FG92    | 615       | 10       |
| 5KSP21FG1332  | 615       | 10       | 5KSP21FG947   | 614*      | 10       |
| 5KSP21FG1361  | 614*      | 10       | 5KSP21FG948   | 614*      | 10       |
| 5KSP21FG1407  | 614*      | 10       | 5KSP21FG949   | 615*      | 10       |
| 5KSP21FG1415  | 614*      | 10       | 5KSP21HG1002  | 608*      | 10       |
| 5KSP21FG1416  | 614*      | 10       | 5KSP21HG1003  | 608*      | 10       |
| 5KSP21FG1474  | 614       | 10       | 5KSP21HG1132  | 613A*     | 10       |
| 5KSP21FG1475  | 614       | 10       | 5KSP21HG1134  | 614       | 10       |
| 5KSP21FG1521  | 615       | 10       | 5KSP21HG1135  | 614       | 10       |

\* Shaft Bushing Required



## Cross Reference

| Mfg. Part No. | Stock No. | Page No. |  | Mfg. Part No. | Stock No. | Page No. |
|---------------|-----------|----------|--|---------------|-----------|----------|
| 5KSP21HG1172  | 614*      | 10       |  | 5KSP21HG2188  | 614*      | 10       |
| 5KSP21HG121   | 613A      | 10       |  | 5KSP21HG2216  | 608*      | 10       |
| 5KSP21HG1219  | 614*      | 10       |  | 5KSP21HG274   | 608       | 10       |
| 5KSP21HG1233  | 614*      | 10       |  | 5KSP21HG3     | 614       | 10       |
| 5KSP21HG1244  | 614*      | 10       |  | 5KSP21HG314   | 609       | 10       |
| 5KSP21HG1245  | 615       | 10       |  | 5KSP21HG3203  | 614       | 10       |
| 5KSP21HG1246  | 608*      | 10       |  | 5KSP21HG3204  | 614       | 10       |
| 5KSP21HG1247  | 609       | 10       |  | 5KSP21HG3221  | 615*      | 10       |
| 5KSP21HG1248  | 614*      | 10       |  | 5KSP21HG3222  | 615*      | 10       |
| 5KSP21HG1249  | 614*      | 10       |  | 5KSP21HG3223  | 614       | 10       |
| 5KSP21HG1273  | 609       | 10       |  | 5KSP21HG3224  | 614*      | 10       |
| 5KSP21HG1291  | 615*      | 10       |  | 5KSP21HG3253  | 608       | 10       |
| 5KSP21HG1299  | 613A*     | 10       |  | 5KSP21HG3255  | 609       | 10       |
| 5KSP21HG1305  | 614*      | 10       |  | 5KSP21HG3265  | 609       | 10       |
| 5KSP21HG1306  | 614*      | 10       |  | 5KSP21HG394   | 609       | 10       |
| 5KSP21HG1317  | 608*      | 10       |  | 5KSP21HG405   | 614       | 10       |
| 5KSP21HG1336  | 615       | 10       |  | 5KSP21HG43    | 609       | 10       |
| 5KSP21HG1363  | 614*      | 10       |  | 5KSP21HG437   | 608       | 10       |
| 5KSP21HG1376  | 614*      | 10       |  | 5KSP21HG455   | 609       | 10       |
| 5KSP21HG1387  | 615*      | 10       |  | 5KSP21HG459   | 608       | 10       |
| 5KSP21HG1419  | 615*      | 10       |  | 5KSP21HG47    | 609       | 10       |
| 5KSP21HG1421  | 614*      | 10       |  | 5KSP21HG5     | 608       | 10       |
| 5KSP21HG1459  | 614       | 10       |  | 5KSP21HG528   | 614       | 10       |
| 5KSP21HG1527  | 614       | 10       |  | 5KSP21HG532   | 609       | 10       |
| 5KSP21HG1528  | 614       | 10       |  | 5KSP21HG561   | 614       | 10       |
| 5KSP21HG1530  | 615       | 10       |  | 5KSP21HG65    | 615       | 10       |
| 5KSP21HG1532  | 609       | 10       |  | 5KSP21HG66    | 609       | 10       |
| 5KSP21HG1536  | 608       | 10       |  | 5KSP21HG690   | 608       | 10       |
| 5KSP21HG1537  | 609       | 10       |  | 5KSP21HG77    | 614       | 10       |
| 5KSP21HG1599  | 614       | 10       |  | 5KSP21HG779   | 608*      | 10       |
| 5KSP21HG1600  | 614       | 10       |  | 5KSP21HG815   | 608*      | 10       |
| 5KSP21HG1605  | 614       | 10       |  | 5KSP21HG822   | 614*      | 10       |
| 5KSP21HG1651  | 614*      | 10       |  | 5KSP21HG856   | 608*      | 10       |
| 5KSP21HG1670  | 615       | 10       |  | 5KSP21HG858   | 608*      | 10       |
| 5KSP21HG1676  | 608       | 10       |  | 5KSP21HG877   | 608*      | 10       |
| 5KSP21HG1694  | 614       | 10       |  | 5KSP21HG921   | 614*      | 10       |
| 5KSP21HG1695  | 614       | 10       |  | 5KSP21HG922   | 614*      | 10       |
| 5KSP21HG1710  | 608       | 10       |  | 5KSP21HG924   | 615*      | 10       |
| 5KSP21HG18    | 614       | 10       |  | 5KSP21HG925   | 608*      | 10       |
| 5KSP21HG1807  | 609*      | 10       |  | 5KSP21HG926   | 609*      | 10       |
| 5KSP21HG1808  | 614*      | 10       |  | 5KSP21HG928   | 609*      | 10       |
| 5KSP21HG1832  | 614*      | 10       |  | 5KSP21HG930   | 614*      | 10       |
| 5KSP21HG1833  | 614*      | 10       |  | 5KSP21HG932   | 608*      | 10       |
| 5KSP21HG1852  | 615       | 10       |  | 5KSP21HG953   | 614*      | 10       |
| 5KSP21HG1853  | 615       | 10       |  | 5KSP21HG954   | 614*      | 10       |
| 5KSP21HG19    | 608       | 10       |  | 5KSP21HG956   | 608*      | 10       |
| 5KSP21HG1928  | 614*      | 10       |  | 5KSP21HG958   | 609*      | 10       |
| 5KSP21HG1967  | 614       | 10       |  | 5KSP21HG959   | 614*      | 10       |
| 5KSP21HG1968  | 614       | 10       |  | 5KSP21HG960   | 615       | 10       |
| 5KSP21HG1970  | 615       | 10       |  | 5KSP21HG961   | 608*      | 10       |
| 5KSP21HG1980  | 608*      | 10       |  | 5KSP21HG962   | 609*      | 10       |
| 5KSP21HG2157  | 608*      | 10       |  | 5KSP21HG977   | 615*      | 10       |
| 5KSP21HG2183  | 614*      | 10       |  | 5KSP29BG3001  | 613A      | 10       |

\* Shaft Bushing Required

## Cross Reference

| Mfg. Part No.  | Stock No.    | Page No.          | Mfg. Part No.  | Stock No.    | Page No.          |
|----------------|--------------|-------------------|----------------|--------------|-------------------|
| 5KSP29BG3002   | 611          | 10                | 800469         | 246          | 4, 13, 15         |
| 5KSP29BG3004   | 611          | 10                | 810E019A080    | 9488         | 18                |
| 5KSP29BG3053   | 604          | 10                | 810E026A81     | 9487         | 18                |
| 5KSP29BG3054   | 604          | 10                | 810E124A51     | OTC1862      | 18                |
| 5KSP29BK900    | 610          | 10                | 810E124B34     | OTC1862      | 18                |
| 5KSP29BK9013   | 610          | 10                | 810E186A52     | OTC1864      | 18                |
| 5KSP29DG3013   | 612A         | 10                | 810E186A53     | OTC1862      | 18                |
| 5KSP29DG3101   | 613A         | 10                | 810E186A82     | OTC1862      | 18                |
| 5KSP29DG3102   | 613A         | 10                | 810E186A83     | OTC1864      | 18                |
| 5KSP29DG3104   | 613A         | 10                | 810E186B35     | OTC1864      | 18                |
| 5KSP29DG5125   | 613A         | 10                | 810E186B36     | OTC1862      | 18                |
| 5KSP29DK1330   | 612A         | 10                | 810G037A47     | 981          | 8, 18             |
| 5KSP29DK1519   | 608*         | 10                | 810G124A45     | OTC1862      | 18                |
| 5KSP29FG3201   | 613A         | 10                | 810G124B30     | OTC1862      | 18                |
| 5KSP29FG3202   | 615          | 10                | 810G186A44     | OTC1864      | 18                |
| 5KSP29FG3203   | 614          | 10                | 810G186B31     | OTC1864      | 18                |
| 5KSP29FG3204   | 615          | 10                | 810G186B32     | OTC1862      | 18                |
| 5KSP29FG3253   | 608          | 10                | 810M035A21     | 256          | 4, 15, 18         |
| 5KSP29FG3254   | 608          | 10                | 810M035A28     | 256          | 4, 15, 18         |
| 5KSP29FG3255   | 609          | 10                | 810M035A29     | 254          | 4, 12, 15, 17, 18 |
| 5KSP29FK1596   | 614          | 10                | 810M050A62     | 276          | 4, 12, 18         |
| 5KSP29FK1764   | 613A         | 10                | 810R124B17     | OTC1862      | 18                |
| 5KSP29HK1150   | 614*         | 10                | 810R186B15     | OTC1862      | 18                |
| 5KSP29HK894    | 614          | 10                | 810S037B01     | OTC6004      | 18                |
| 5KSP39DB4220AS | OHS1004      | 14                | 810S050A99     | OTC6001      | 18                |
| 5KSP39DG2221S  | OHS1004      | 14                | 810S124B38     | OTC1862      | 18                |
| 5KSP39GGA967T  | OHS10206     | 14                | 810S186B39     | OTC1864      | 18                |
| 600            | C01670       | 1                 | 810S186B40     | OTC1862      | 18                |
| 602            | C01672       | 1                 | 82001          | 160A         | 14                |
| 644            | OHS9983      | 14                | 8254110680     | 9629         | 16                |
| 6127           | OCP0108      | 12                | 8254160150     | 9630         | 16                |
| 6128           | OCP0251      | 12                | 8330           | OTC1862      | 18                |
| 6129           | OCP0250      | 12                | 8331           | OTC1864      | 18                |
| 700            | C01700       | 1                 | 85             | C01691       | 13                |
| 702            | C01672       | 1                 | 86             | C01692       | 13                |
| 7071059        | 993          | 18                | 879-382563B-00 | 9400         | 17                |
| 7071061        | 9720A / 9721 | 13 / 9, 13        | 879-386857     | 246          | 4, 13, 15         |
| 710            | C01670       | 1                 | 8987           | H1052        | 11                |
| 7163-2113      | 9721         | 9, 13             | 9161045-04     | 246          | 4, 13, 15         |
| 7163-3371      | 9721         | 9, 13             | 9161078-01     | 254          | 4, 12, 15, 17, 18 |
| 7190-0442      | 9720A / 9721 | 13 / 9, 13        | 9161078-03     | 256          | 4, 15, 18         |
| 7190-2084      | 9720A / 9721 | 13 / 9, 13        | 9650           | 9721         | 9, 13             |
| 7190-2255      | 9721         | 9, 13             | 9651           | 9721         | 9, 13             |
| 7190-2285      | 9721         | 9, 13             | 9652           | 9721         | 9, 13             |
| 7190-2969      | 9721         | 9, 13             | 9653           | 9721         | 9, 13             |
| 750            | C01680       | 1                 | 9656           | 9720A / 9721 | 13 / 9, 13        |
| 7502           | C01675       | 1                 | 9664           | 9721         | 9, 13             |
| 760            | OTY1024      | 18                | 998-1007-00    | 288          | 4, 12             |
| 800405         | 248          | 4                 | 998-1008-00    | 289          | 4, 12             |
| 800411         | 246          | 4, 13, 15         | B13400227      | 286          | 5                 |
| 800458         | 246          | 4, 13, 15         | B65F30         | 270          | 5                 |
| 800459         | 248          | 4                 | BA2H015        | 342          | 17                |
| 800466         | 254          | 4, 12, 15, 17, 18 | CFM3156A       | H1050        | 11                |

\* Shaft Bushing Required

## Cross Reference

| Mfg. Part No. | Stock No.    | Page No.   |
|---------------|--------------|------------|
| CFM3166A      | H1051        | 11         |
| D1101         | 9721         | 9, 13      |
| D1103         | 9721         | 9, 13      |
| D1122         | 9721         | 9, 13      |
| D1123         | 9721         | 9, 13      |
| D1124         | 9721         | 9, 13      |
| D1125         | 9720A / 9721 | 13 / 9, 13 |
| D1126         | 9721         | 9, 13      |
| D1141         | 9400         | 17         |
| D1152         | 9721         | 9, 13      |
| D1154         | 9721         | 9, 13      |
| D1164         | 9523         | 18         |
| D475          | 981          | 8, 18      |
| D554          | UB04CWLA2F   | 2          |
| D555          | UB04CCLA2F   | 2          |
| D558          | UB06CWLA2F   | 2          |
| D559          | UB06CCLA2F   | 2          |
| D562          | UB09CWLA2F   | 2          |
| D562          | UB09CWLA2F   | 2          |
| D563          | UB09CCLA2F   | 2          |
| D564          | UB09CWAHA2F  | 2          |
| D565          | UB09CCHA2F   | 2          |
| D582          | UB05CWLA2F   | 2          |
| D583          | UB05CCLA2F   | 2          |
| D6608         | H1050        | 11         |
| D6610         | H1051        | 11         |
| D783          | OCPI024      | 12         |
| D-801         | 160A         | 14         |
| D805          | OHS1016      | 14         |
| D863          | 992A         | 14         |
| D870          | OTY1024      | 18         |
| D890          | OHS9983      | 14         |
| DA3G096       | 469          | 16         |
| DA3G097       | 469          | 16         |
| E206444       | 9631         | 16         |
| E206445       | 9632         | 16         |
| E206447       | 9633         | 16         |
| E206448       | 9634         | 16         |
| EM332         | C01332       | 1          |
| EM333         | C01333       | 1          |
| EM334         | C01334       | 1          |
| EM335         | C01335       | 1          |
| EM336         | C01336       | 1          |
| EM337         | C01337       | 1          |
| EM670         | C01670       | 1          |
| EM671         | C01671       | 1          |
| EM672         | C01672       | 1          |
| EM673         | C01673       | 1          |
| EM675         | C01675       | 1          |
| EM677         | C01677       | 1          |
| EM678         | C01678       | 1          |
| EM679         | C01679       | 1          |
| EM680         | C01680       | 1          |

| Mfg. Part No.   | Stock No.  | Page No.          |
|-----------------|------------|-------------------|
| EM681           | C01681     | 1                 |
| EM682           | C01682     | 1                 |
| EM683           | C01683     | 1                 |
| EM684           | C01684     | 1                 |
| EM685           | C01685     | 1                 |
| EM691           | C01691     | 13                |
| EM692           | C01692     | 13                |
| ESP60BCU4K7-C1  | 262        | 5                 |
| ESP60BCU4K8-C1  | 263        | 5                 |
| ESP60BH4K3-C1   | 264        | 5                 |
| ESP60BHG4K3R-C1 | 265        | 5                 |
| ESPL15EMJR1B1   | 293        | 4, 15             |
| ESPL16EM1       | 246        | 4, 13, 15         |
| ESPL16EM12      | 246        | 4, 13, 15         |
| ESPL16EM2       | 248        | 4                 |
| ESPL16EM2       | UB09CCHA2F | 2                 |
| ESPL16EMV1      | 246        | 4, 13, 15         |
| ESPL16EMV2      | 248        | 4                 |
| ESPL25EM1       | 250        | 4, 17, 18         |
| ESPL25EM2       | 252        | 4                 |
| ESPL25MJR1B1    | 297        | 4, 15             |
| ESPL35EM1       | 254        | 4, 12, 15, 17, 18 |
| ESPL35EM11-C1   | 254        | 4, 12, 15, 17, 18 |
| ESPL35EM12      | 254        | 4, 12, 15, 17, 18 |
| ESPL35EM2       | 256        | 4, 15, 18         |
| ESPL35EM21-C1   | 256        | 4, 15, 18         |
| ESPL35EMR1      | 255        | 4                 |
| ESPL35EMR2      | 257        | 4                 |
| ESPL35EMV25M    | UB09CCHA2F | 2                 |
| ESPL35EMV2M     | UB09CCHA2F | 2                 |
| ESPOL50EM1      | 258        | 4, 12, 18         |
| ESPOL50EM13     | 258        | 4, 12, 18         |
| ESPOL50EM13     | 289        | 4, 12             |
| ESPOL50EM1B1    | 291        | 4, 15             |
| ESPOL50EM2      | 260        | 4, 12, 15, 17, 18 |
| ESPOL50EM26     | 260        | 4, 12, 15, 17, 18 |
| ESPOL50EM26     | 288        | 4, 12             |
| ESPOL50EM2B     | 285        | 4, 12             |
| ESPOL50EM461    | 290        | 4, 12             |
| ESPOL50EMJR11   | 276        | 4, 12, 18         |
| ESPOL50EMJR21   | 276        | 4, 12, 18         |
| ESPOL50EMR1     | 259        | 4                 |
| ESPOL50EMR2     | 261        | 4                 |
| ESPOL50EMV2     | 260        | 4, 12, 15, 17, 18 |
| ESPOL60EM2      | 9200       | 4                 |
| ESPOL75EM2      | 298        | 4                 |
| F112            | 160A       | 14                |
| F33HXDJ-3668    | 9487       | 18                |
| F33HXGFG-2876   | 9488       | 18                |
| F42A49A12       | OTC1862    | 18                |
| F42A50A12       | OTC1862    | 18                |
| F48B09A12       | OTC1864    | 18                |
| F93F41          | 265        | 5                 |

## Cross Reference

| Mfg. Part No. | Stock No. | Page No. | Mfg. Part No.      | Stock No. | Page No.          |
|---------------|-----------|----------|--------------------|-----------|-------------------|
| J65F30        | 270       | 5        | S3051              | 174A      | 12, 14            |
| JA2P216       | 9627      | 16       | S3057              | 174A      | 12, 14            |
| JA2P217       | 9628      | 16       | S60BCU4L1-C1       | 269       | 5, 10             |
| JA2P228       | 9629      | 16       | S60BHG4L9R-C1      | 286       | 5                 |
| JA2P229       | 9630      | 16       | S60BHU4L3-C1       | 270       | 5                 |
| JA2S149       | 9628      | 16       | S60BHU4L6-C2       | 267       | 5                 |
| JA2Y030       | 9632      | 16       | S60BHU4L9-C1       | 268       | 5                 |
| JA2Y031       | 9631      | 16       | S60HUB2            | 268       | 5                 |
| JA65F30       | 268       | 5        | S88-667            | 992A      | 14                |
| JD65F30       | 264       | 5        | SCS05001H-CPM120-3 | 992A      | 14                |
| E2F029        | 9633      | 16       | TFM1862            | OTC1862   | 18                |
| JE2F030       | 9634      | 16       | TFM1864            | OTC1864   | 18                |
| K055SME164467 | OHS9983   | 14       | TFM191             | 9488      | 18                |
| K1482         | H1053     | 11       | TFM262             | 9487      | 18                |
| K1485         | H1050     | 11       | TFM-351            | 254       | 4, 12, 15, 17, 18 |
| K1486         | H1051     | 11       | TFM-352            | 256       | 4, 15, 18         |
| K379          | H1050     | 11       | X270               | OTY1024   | 18                |
| K380          | H1051     | 11       | X502               | H1050     | 11                |
| K55CLN1782    | OHS10206  | 14       | X503               | H1051     | 11                |
| K55ECE2645    | OCP0108   | 12       | X507               | H1053     | 11                |
| K55HCN4370    | 160A      | 14       | X509               | H1052     | 11                |
| K55HXCTP9963  | OHS9983   | 14       | X513               | H1050     | 11                |
| K55HXJNG2974  | OCP0251   | 12       | X523               | H1051     | 11                |
| K55HXKGD-8330 | OTC1862   | 18       | X525               | H1052     | 11                |
| K55HXKGE-8331 | OTC1864   | 18       | X528               | H1053     | 11                |
| K55HXKWA8573  | OHS10206  | 14       |                    |           |                   |
| K55HXMMF-6494 | OTC1862   | 18       |                    |           |                   |
| K55HXMRC-6564 | OTC1864   | 18       |                    |           |                   |
| K55HXMRD-6565 | OTC1862   | 18       |                    |           |                   |
| K55HXSME-1644 | OHS9983   | 14       |                    |           |                   |
| K55HXSZJ-8106 | OCP0108   | 12       |                    |           |                   |
| K55HZJNJ-2976 | OCP0108   | 12       |                    |           |                   |
| K6124         | OCP1024   | 12       |                    |           |                   |
| K644          | OHS9983   | 14       |                    |           |                   |
| K7232         | 160A      | 14       |                    |           |                   |
| KA55HGE8331   | OTC1864   | 18       |                    |           |                   |
| KA55HXKGD8330 | OTC1862   | 18       |                    |           |                   |
| KA55HXMmf6494 | OTC1862   | 18       |                    |           |                   |
| KA55HXMRC6564 | OTC1864   | 18       |                    |           |                   |
| KA55HXMRD6565 | OTC1862   | 18       |                    |           |                   |
| LM6505        | 267       | 5        |                    |           |                   |
| LM69511       | 264       | 5        |                    |           |                   |
| LM9509        | 262       | 5        |                    |           |                   |
| M-2-008       | 160A      | 14       |                    |           |                   |
| N416CCW242    | OTC1862   | 18       |                    |           |                   |
| N416CCW245    | OTC1862   | 18       |                    |           |                   |
| P001-96203    | OHS10206  | 14       |                    |           |                   |
| P011-96203    | OHS10206  | 14       |                    |           |                   |
| PD1125        | 9721      | 9, 13    |                    |           |                   |
| PD1127        | 9721      | 9, 13    |                    |           |                   |
| PP7577M       | UB05CWL2F | 2, 14    |                    |           |                   |
| R10CW68M      | 683       | 13       |                    |           |                   |
| R10CW68ME     | 683       | 13       |                    |           |                   |

# Index

| Stock No. | Wt. | Page No.          | Stock No. | Wt. | Page No. | Stock No.  | Wt. | Page No. | Stock No.          | Wt.         | Page No. |
|-----------|-----|-------------------|-----------|-----|----------|------------|-----|----------|--------------------|-------------|----------|
| 160A      | 16  | 14                | 672B      | 5   | 8        | C01685     | 2   | 1        | UB06CWL            | 4           | 3        |
| 174A      | 10  | 12,14             | 683       | 3   | 13       | C01691     | 2   | 13       | UB06CWL2F          | 3           | 2        |
| 246       | 5   | 4, 13, 15         | 981       | 5   | 8, 18    | C01692     | 2   | 13       | UB06CWLA           | 3           | 3        |
| 247       | 5   | 4                 | 992A      | 21  | 14       | C01700     | 2   | 1        | UB06CWLA2F         | 2           | 2        |
| 248       | 5   | 4                 | 993       | 6   | 18       | C662       | 32  | 17       | UB09CCH            | 4           | 3        |
| 249       | 5   | 4                 | 9200      | 8   | 4        | CRAN590    | 2   | 1        | UB09CCH2F          | 3           | 2        |
| 250       | 5   | 4, 17, 18         | 9207      | 3   | 6        | H1050      | 29  | 11       | UB09CCHA           | 3           | 3        |
| 251       | 5   | 4                 | 9208      | 3   | 7        | H1051      | 38  | 11       | UB09CCHA2F         | 2           | 2        |
| 252       | 5   | 4                 | 9336      | 6   | 8        | H1052      | 45  | 11       | UB09CCL            | 4           | 3        |
| 253       | 5   | 4                 | 9400      | 6   | 17       | H1053      | 45  | 11       | UB09CCL2F          | 3           | 2        |
| 254       | 5   | 4, 12, 15, 17, 18 | 9487      | 5   | 18       | OCP0108    | 15  | 12       | UB09CCLA           | 3           | 3        |
| 255       | 5   | 4                 | 9488      | 5   | 18       | OCP0250    | 17  | 12       | UB09CCLA2F         | 2           | 2        |
| 256       | 5   | 4, 15, 18         | 9523      | 4   | 18       | OCP0251    | 18  | 12       | UB09CWH            | 4           | 3        |
| 257       | 5   | 4                 | 9627      | 5   | 16       | OCP1024    | 12  | 12       | UB09CWH2F          | 3           | 2        |
| 258       | 7   | 4, 12, 18         | 9628      | 6   | 16       | OHR1106    | 17  | 14       | UB09CWA            | 3           | 3        |
| 259       | 7   | 4                 | 9629      | 4   | 16       | OHS1004    | 12  | 14       | UB09CWA2F          | 2           | 2        |
| 260       | 7   | 4, 12, 15, 17, 18 | 9630      | 4   | 16       | OHS1016    | 13  | 14       | UB09CWL            | 4           | 3        |
| 261       | 7   | 4                 | 9631      | 4   | 16       | OHS10206   | 13  | 14       | UB09CWL2F          | 3           | 2        |
| 262       | 10  | 5                 | 9632      | 5   | 16       | OHS9983    | 14  | 14       | UB09CWLA           | 3           | 3        |
| 263       | 11  | 5                 | 9633      | 4   | 16       | OKR1096    | 25  | 16       | UB09CWLA2F         | 3           | 2        |
| 264       | 12  | 5                 | 9634      | 4   | 16       | OKR1503    | 34  | 16       | UB16CCHV1          | 5           | 3        |
| 265       | 12  | 5                 | 9653      | 4   | 8        | OKT1026    | 16  | 16       | UB16CCHV12F        | 4           | 2        |
| 267       | 12  | 5                 | 9654      | 4   | 8        | OKT3035    | 18  | 17       | UB16CCLA           | 4           | 3        |
| 268       | 14  | 5                 | 9655      | 3   | 8        | OKT3041    | 21  | 17       | UB16CCLV1          | 2           | 3        |
| 269       | 14  | 5, 10             | 9656      | 5   | 8        | OTC1862    | 11  | 18       | UB16CCLV12F        | 4           | 2        |
| 270       | 14  | 5                 | 9657      | 5   | 8        | OTC1864    | 11  | 18       | UB16CWA            | 5           | 3        |
| 276       | 7   | 4, 12, 18         | 9658      | 4   | 8        | OTC6001    | 7   | 18       | UB16CWHV1          | 5           | 3        |
| 277       | 5   | 4, 13, 15         | 9659      | 8   | 8        | OTC6004    | 7   | 18       | UB16CWHV12F        | 4           | 2        |
| 285       | 7   | 4, 12             | 9660      | 5   | 8        | OTY1024    | 15  | 18       | UB16CWLA           | 3           | 3        |
| 286       | 14  | 5                 | 9661      | 5   | 8        | RF4400     | 11  | 10       | UB16CWL1           | 5           | 3        |
| 288       | 7   | 4, 12             | 9662      | 5   | 8        | RF4401     | 11  | 10       | UB16CWL12F         | 4           | 2        |
| 289       | 7   | 4, 12             | 9663      | 4   | 8        | RF6402     | 10  | 10       | <b>Accessories</b> |             |          |
| 290       | 7   | 4, 12             | 9664      | 4   | 8        | RF6403     | 10  | 10       |                    |             |          |
| 291       | 5   | 4, 15             | 9665      | 5   | 8        | UB023CWLA  | 2   | 3        |                    |             |          |
| 292       | 5   | 4                 | 9666      | 12  | 10       | UB025CWL   | 3   | 3        |                    |             |          |
| 293       | 5   | 4, 15             | 9667      | 13  | 10       | UB02CWL    | 3   | 3        |                    |             |          |
| 295       | 5   | 4                 | 9668      | 15  | 10       | UB02CWL2F  | 3   | 2        |                    |             |          |
| 296       | 5   | 4                 | 9669      | 10  | 10       | UB02CWLA   | 2   | 3        |                    |             |          |
| 297       | 5   | 4, 15             | 9720A     | 5   | 13       | UB04CCH    | 3   | 3        |                    | 1010784-001 | 20       |
| 298       | 10  | 4                 | 9721      | 5   | 7, 13    | UB04CCH2F  | 3   | 2        |                    | 1254A       | 20       |
| 299       | 5   | 4                 | C01332    | 2   | 1        | UB04CCHA   | 3   | 3        |                    | 1488A       | 20       |
| 342       | 5   | 17                | C01333    | 2   | 1        | UB04CCL    | 3   | 3        |                    | 2211        | 20       |
| 396       | 4   | 16                | C01334    | 2   | 1        | UB04CCL2F  | 3   | 2        |                    | 2212        | 20       |
| 469       | 10  | 16                | C01335    | 2   | 1        | UB04CCLA   | 2   | 3        |                    | 2217        | 20       |
| 572A      | 5   | 13                | C01336    | 2   | 1        | UB04CCLA2F | 2   | 2        |                    | 2218        | 20       |
| 573A      | 5   | 13                | C01337    | 2   | 1        | UB04CWH    | 3   | 3        |                    | 2235        | 20       |
| 574       | 4   | 13                | C01670    | 2   | 1        | UB04CWH2F  | 3   | 2        |                    | 2256        | 20       |
| 575       | 4   | 13                | C01671    | 2   | 1        | UB04CWA    | 2   | 3        |                    | 2267        | 20       |
| 604       | 6   | 10                | C01672    | 2   | 1        | UB04CWL    | 3   | 3        |                    | 2268        | 20       |
| 606       | 8   | 10                | C01673    | 2   | 1        | UB04CWL2F  | 3   | 2        |                    | 2271        | 20       |
| 608       | 8   | 10                | C01675    | 2   | 1        | UB04CWLA   | 2   | 3        |                    | 2272        | 20       |
| 609       | 9   | 10                | C01677    | 2   | 1        | UB04CWLA2F | 2   | 2        |                    | 2273        | 20       |
| 610       | 7   | 10                | C01678    | 2   | 1        | UB05CCLA2F | 3   | 2        |                    | 2274        | 20       |
| 611       | 7   | 10                | C01679    | 2   | 1        | UB05CWL2F  | 3   | 2, 14    |                    | 626137      | 20       |
| 612A      | 8   | 10                | C01680    | 3   | 1        | UB05CWLA2F | 2   | 2        |                    | 700027      | 20       |
| 613A      | 8   | 10                | C01681    | 2   | 1        | UB06CCL    | 4   | 3        |                    | 700046      | 20       |
| 614       | 9   | 10                | C01682    | 2   | 1        | UB06CCL2F  | 3   | 2        |                    | 700047      | 20       |
| 615       | 9   | 10                | C01683    | 2   | 1        | UB06CCLA   | 2   | 3        |                    | 700048      | 20       |
| 671B      | 5   | 8                 | C01684    | 2   | 1        | UB06CCLA2F | 2   | 2        |                    | 700049      | 20       |

# Green Choice™

## Eco - Friendly Electric Motors



Our new Green Choice™ brand of motors are designed to address today's environmental concerns.

A Green Choice motor saves energy by reducing the amount of electricity needed, indirectly reducing

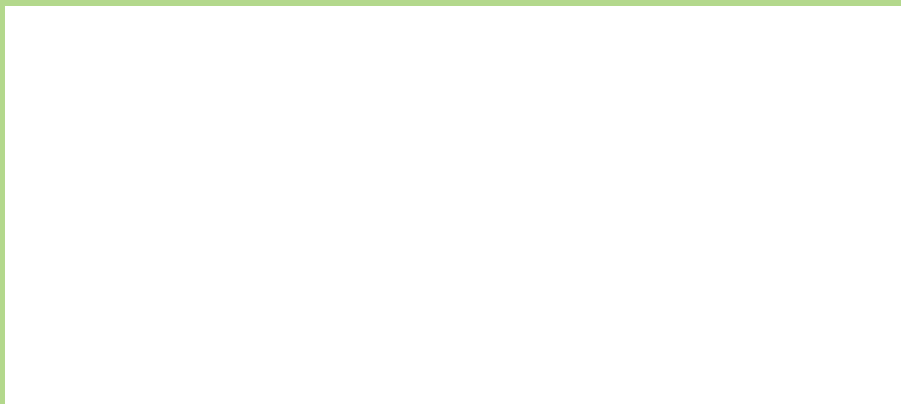
the amount of carbon dioxide emitted into the air.

Carbon dioxide is thought to contribute to global warming, and coal-fired power plants emit a majority of carbon dioxide. Green Choice motors can also reduce noise and contribute to a more environmentally friendly equipment system. A Green Choice motor can save money and makes it your most eco-friendly motor choice.





**Your Authorized Distributor is:**



**NOW AVAILABLE! FAX OR PHONE YOUR ORDER TODAY!**

Electrical Products Company  
531 North Fourth Street  
Tipp City, OH 45371  
A DIVISION OF A. O. SMITH CORPORATION

**AO Smith**  
Innovation has a name.

Phone: (800) 672-6495  
Fax: (800) 468-2062  
[www.aosmithmotors.com](http://www.aosmithmotors.com)

Copyright © 2008 A. O. Smith Corporation

Bulletin #6600 7/08