



## Shaded Pole Unit Bearing Motors

- Enclosure: totally enclosed air-over
- 60/50 Hz
- Service factor: 1.0
- Insulation: Class A
- Mounting: horizontal or vertical shaft up

Use with commercial and industrial HVAC and refrigeration equipment, and other applications with 6" to 12" fan blades. Motors have oil circulation system to help extend the life of motor and bearings, and allow for vertical application.



4YFG5



4YFF9

| Output Watts                     | HP    | Nameplate RPM | Thermal Protection | Voltage | Full Load Amps | Body Dia. | Shaft Length | Length Less Shaft | Max. Ambient Temp. | CLOCKWISE FACING LEAD END Item No. | COUNTER CLOCKWISE FACING LEAD END Item No. |
|----------------------------------|-------|---------------|--------------------|---------|----------------|-----------|--------------|-------------------|--------------------|------------------------------------|--------------------------------------------|
| <b>Cast-Aluminum Housing</b>     |       |               |                    |         |                |           |              |                   |                    |                                    |                                            |
| <b>Rear/Double Foot Mounting</b> |       |               |                    |         |                |           |              |                   |                    |                                    |                                            |
| 5 W                              | 1/160 | 1,550         | Impedance          | 115V AC | 0.34           | 3 1/2 in  | 1/2 in       | 2 3/4 in          | 40 °C              | 4YFF7                              | 4YFF6                                      |
| 6 W                              | 1/125 | 1,550         | Impedance          | 115V AC | 0.42           | 3 1/2 in  | 1/2 in       | 2 3/4 in          | 40 °C              | 4YFF9                              | 4YFF8                                      |
| 9 W                              | 1/83  | 1,550         | Auto               | 115V AC | 0.62           | 3 1/2 in  | 1/2 in       | 2 3/4 in          | 40 °C              | 4YFG2                              | 4YFG1                                      |
| 9 W                              | 1/83  | 1,550         | Auto               | 230V AC | 0.33           | 3 1/2 in  | 1/2 in       | 2 3/4 in          | 40 °C              | 4YFG4                              | 4YFG3                                      |
| <b>Rear/Foot Mounting</b>        |       |               |                    |         |                |           |              |                   |                    |                                    |                                            |
| 2 W                              | 1/370 | 1,550         | Impedance          | 115V AC | 0.25           | 3 1/2 in  | 1/2 in       | 2 3/4 in          | 40 °C              | 4YFH5                              | —                                          |
| 2.3 W                            | 1/370 | 1,550         | Impedance          | 115V AC | 0.25           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFG5                              | —                                          |
| 4 W                              | 1/185 | 1,550         | Impedance          | 115V AC | 0.34           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFJ2                              | 4YFJ3                                      |
| 4 W                              | 1/185 | 1,550         | Impedance          | 230V AC | 0.17           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFJ4                              | 4YFJ5                                      |
| 6 W                              | 1/125 | 1,550         | Impedance          | 115V AC | 0.42           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFJ6                              | —                                          |
| 9 W                              | 1/83  | 1,550         | Auto               | 115V AC | 0.62           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFJ7                              | 4YFJ8                                      |
| 9 W                              | 1/83  | 1,550         | Auto               | 230V AC | 0.33           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFJ9                              | 4YFJ1                                      |
| 16 W                             | 1/47  | 1,550         | Auto               | 115V AC | 1.10           | 3 1/2 in  | 1/2 in       | 4 1/2 in          | 40 °C              | 4YFK4                              | 4YFK5                                      |
| 16 W                             | 1/47  | 1,550         | Auto               | 230V AC | 0.60           | 3 1/2 in  | 1/2 in       | 4 1/2 in          | 40 °C              | 4YFK6                              | —                                          |
| <b>Cast-Iron Housing</b>         |       |               |                    |         |                |           |              |                   |                    |                                    |                                            |
| <b>Rear/Foot Mounting</b>        |       |               |                    |         |                |           |              |                   |                    |                                    |                                            |
| 2.5 W                            | 1/300 | 1,550         | Impedance          | 115V AC | 0.25           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFH6                              | —                                          |
| 4 W                              | 1/185 | 1,550         | Impedance          | 115V AC | 0.34           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFG8                              | 4YFG9                                      |
| 4 W                              | 1/185 | 1,550         | Impedance          | 230V AC | 0.17           | 3 1/2 in  | 1/2 in       | 3 3/4 in          | 40 °C              | 4YFK2                              | 4YFK3                                      |
| 6 W                              | 1/125 | 1,550         | Impedance          | 115V AC | 0.42           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFG7                              | 4YFG6                                      |
| 9 W                              | 1/83  | 1,550         | Auto               | 115V AC | 0.62           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFH3                              | 4YFH2                                      |
| 9 W                              | 1/83  | 1,550         | Auto               | 230V AC | 0.33           | 3 1/2 in  | 1/2 in       | 3 1/4 in          | 40 °C              | 4YFH4                              | 4YFH1                                      |
| 16 W                             | 1/47  | 1,550         | Auto               | 115V AC | 1.10           | 3 1/2 in  | 1/2 in       | 4 1/4 in          | 40 °C              | 4YFH7                              | 4YFH9                                      |
| 16 W                             | 1/47  | 1,550         | Auto               | 230V AC | 0.60           | 3 1/2 in  | 1/2 in       | 4 1/4 in          | 40 °C              | 4YFH8                              | 4YFJ1                                      |

## Kryo SSC ECM Unit Bearing Motors

- Enclosure: totally enclosed air-over
- Rotation: CWLE
- Thermal protection: electronic
- 60 Hz
- Service factor: 1.0
- Insulation: Class B
- Mounting: rear/foot
- 1/4"-20 threaded shaft
- Plug type: round 2-pin

For use in commercial refrigeration evaporator fan applications and in most applications requiring high efficiency and output ratings between 4 and 25W. Aluminum housing. IP65 compliant.



39D812

| Output Watts | Nameplate RPM | Voltage | Full Load Amps | Body Dia. | Shaft Length | Length Less Shaft | Max. Ambient Temp. | Mfr. Model | Item No. |
|--------------|---------------|---------|----------------|-----------|--------------|-------------------|--------------------|------------|----------|
| 25 to 9 W    | 1,550         | 115V AC | 0.60           | 3 1/4 in  | 3/4 in       | 3 3/4 in          | 55 °C              | 5R999      | 39D813   |
| 16 W         | 1,550         | 115V AC | 0.40           | 3 1/4 in  | 3/4 in       | 3 3/4 in          | 55 °C              | 5R031      | 39D812   |
| 12 W         | 1,550         | 230V AC | 0.15           | 3 1/4 in  | 3/4 in       | 3 3/4 in          | 55 °C              | 5R030      | 39D811   |

## ECM Direct-Drive Unit Bearing Fan Motors

- Enclosure: totally enclosed air-over
- Thermal protection: auto
- Insulation: Class A
- Mounting: rear/double foot
- Body dia.: 3 1/2"
- Max. ambient temp.: 40 °C
- Plug type: round 2-pin

Suitable for evaporator fans, walk-in coolers and freezers, ice machines, beverage merchandisers, and vending machines. Threaded 1/4"-20 shaft. Cast-iron frame. Evaporator-duty only. Include speed nut and mounting screws.



5ULC8

| Output Watts | HP   | Nameplate RPM | Rotation | Voltage | Full Load Amps | Shaft Orientation | Shaft Length | Length Less Shaft | Mfr. Model     | Item No. |
|--------------|------|---------------|----------|---------|----------------|-------------------|--------------|-------------------|----------------|----------|
| 14 to 16 W   | 1/60 | 1,550         | CWLE     | 115V AC | 0.58           | Horizontal or Up  | 1/4 in       | 3 3/4 in          | UTB1CC1551EM56 | 5ULC9    |
| 6 to 12 W    | 1/60 | 1,550         | CWLE     | 115V AC | 0.30           | Horizontal or Up  | 1/4 in       | 3 3/4 in          | UTB1CB1551EM56 | 5ULC8    |

## Shaded Pole Unit Bearing Motors

- Service factor: 1.0
- Mounting: rear/double foot
- Max. ambient temp.: 40 °C
- Duty: continuous
- Shaft orientation: horizontal or up
- Plug type: round 2-pin
- Original OEM replacement motor

Feature precision-machined housing with positive-flow lubrication and a preoiled felt wick for extended use with no reoiling. #8 mounting holes, 2 1/16" OC. 1/4"-20 threaded shafts, except 4M159 and 4M160 have 3/8" dia. with flat. 2MY41 has 5/16" dia., and motor leads and shaft exit the same side of housing. For use in commercial and industrial HVAC and refrigeration equipment, and other applications with 6" to 12" fan blades.



4M159

| Output Watts                     | HP    | Nameplate RPM | Rotation | Thermal Protection | Voltage     | Full Load Amps | Ins. Class | Body Dia. | Shaft Length | Length Less Shaft | Mfr. Model     | Item No. |
|----------------------------------|-------|---------------|----------|--------------------|-------------|----------------|------------|-----------|--------------|-------------------|----------------|----------|
| <b>Totally Enclosed Air-Over</b> |       |               |          |                    |             |                |            |           |              |                   |                |          |
| 5 W                              | 1/160 | 1,500         | CWLE     | Impedance          | 115V AC     | 0.35           | B          | 3 1/2 in  | 3/4 in       | 2 1/2 in          | SPFBC51        | 5YJN8    |
| 9 W                              | 1/85  | 1,500         | CWLE     | Auto               | 115V AC     | 0.60           | B          | 3 1/2 in  | 3/4 in       | 3 in              | SPFBE91H       | 5YJN9    |
| 16 W                             | 1/47  | 1,500         | CWLE     | Auto               | 115V AC     | 0.80           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L16EM1     | 4M153    |
| 16 W                             | 1/47  | 1,500         | CWLE     | Auto               | 230V AC     | 0.40           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L16EM2     | 4M154    |
| 25 W                             | 1/30  | 1,500         | CWLE     | Auto               | 115V AC     | 1.10           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L25EM1     | 4M155    |
| 25 W                             | 1/30  | 1,500         | CWLE     | Auto               | 230V AC     | 0.60           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L25EM2     | 4M156    |
| 35 W                             | 1/20  | 1,500         | CWLE     | Auto               | 115V AC     | 1.40           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L35EM1     | 4M157    |
| 35 W                             | 1/20  | 1,500         | CWLE     | Auto               | 230V AC     | 0.70           | A          | 3 1/2 in  | 1/2 in       | 3 1/2 in          | ESP-L35EM2     | 4M158    |
| <b>Open Air-Over</b>             |       |               |          |                    |             |                |            |           |              |                   |                |          |
| 50 W                             | 1/15  | 1,500         | CWLE     | Auto               | 115V AC     | 1.70           | A          | 3 1/2 in  | 1 1/2 in     | 4 3/4 in          | ESP-OL50EM1    | 4M159    |
| 50 W                             | 1/15  | 1,500         | CWLE     | Auto               | 208-230V AC | 1.20-1.10      | A          | 3 1/2 in  | 1 1/2 in     | 4 3/4 in          | ESP-OL60EM2    | 4M160    |
| 50 W                             | 1/15  | 1,500         | CCWSE    | Auto               | 230V AC     | 0.85           | A          | 3 1/2 in  | 1 1/2 in     | 3 3/4 in          | ESP-OL50EMJR21 | 2MY41    |
| 50 W                             | 1/15  | 1,500         | CWLE     | Auto               | 115V AC     | 1.70           | A          | 3 1/2 in  | 1 3/4 in     | 5 1/4 in          | ESP-OL50EM16H  | 40GN88   |
| 50 W                             | 1/15  | 1,500         | CWLE     | Auto               | 230V AC     | 0.85           | A          | 3 1/2 in  | 1 3/4 in     | 5 1/4 in          | ESP-OL50EM26H  | 40GN89   |