



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.

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.	COUNTERCLOCKWISE FACING LEAD END Item No.
Cast-Aluminum Housing											
Rear/Double Foot Mounting											
5	1/50	1550	Impedance	115	0.34	3 1/2"	1/2"	2 3/4"	40°C	4YFF7	4YFF6
6	1/25	1550	Impedance	115	0.42	3 1/2"	1/2"	2 3/4"	40°C	4YFF9	4YFF8
9	1/8	1550	Auto	115	0.62	3 1/2"	1/2"	2 3/4"	40°C	4YFG2	4YFG1
9	1/8	1550	Auto	230	0.33	3 1/2"	1/2"	2 3/4"	40°C	4YFG4	4YFG3
Rear/Foot Mounting											
2	1/370	1550	Impedance	115	0.25	3 1/2"	1/2"	2 3/4"	40°C	4YFH5	—
2.3	1/370	1550	Impedance	115	0.25	3 1/2"	1/2"	3 3/4"	40°C	4YFG5	—
4	1/185	1550	Impedance	115	0.34	3 1/2"	1/2"	3 3/4"	40°C	4YFJ2	4YFJ3
4	1/185	1550	Impedance	230	0.17	3 1/2"	1/2"	3 3/4"	40°C	4YFJ4	4YFJ5
6	1/125	1550	Impedance	115	0.42	3 1/2"	1/2"	3 1/16"	40°C	4YFJ6	—
9	1/8	1550	Auto	115	0.62	3 1/2"	1/2"	3 1/16"	40°C	4YFJ7	4YFJ8
9	1/8	1550	Auto	230	0.33	3 1/2"	1/2"	3 1/16"	40°C	4YFJ9	4YFJ1
16	1/47	1550	Auto	115	1.1	3 1/2"	1/2"	4 1/2"	40°C	4YFK4	4YFK5
16	1/47	1550	Auto	230	0.60	3 1/2"	1/2"	4 1/2"	40°C	4YFK6	—
Cast-Iron Housing											
Rear/Foot Mounting											
2.5	1/300	1550	Impedance	115	0.25	3 1/2"	1/2"	3 3/4"	40°C	4YFH6	—
4	1/185	1550	Impedance	115	0.34	3 1/2"	1/2"	3 3/4"	40°C	4YFG8	4YFG9
4	1/185	1550	Impedance	230	0.17	3 1/2"	1/2"	3 3/4"	40°C	4YFK2	4YFK3
6	1/125	1550	Impedance	115	0.42	3 1/2"	1/2"	3 1/16"	40°C	4YFG7	4YFG6
9	1/8	1550	Auto	115	0.62	3 1/2"	1/2"	3 1/16"	40°C	4YFH3	4YFH2
9	1/8	1550	Auto	230	0.33	3 1/2"	1/2"	3 1/16"	40°C	4YFH4	4YFH1
16	1/47	1550	Auto	115	1.1	3 1/2"	1/2"	4 1/16"	40°C	4YFH7	4YFH9
16	1/47	1550	Auto	230	0.60	3 1/2"	1/2"	4 1/16"	40°C	4YFH8	4YFJ1



No. 4YFG5



No. 4YFF6

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. UL Recognized and IP65 compliant.

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	1550	115	0.60	3 1/2"	3/8"	3 1/4"	55°C	5R999	39D813
16 to 4	1550	115	0.40	3 1/2"	3/8"	3 1/4"	55°C	5R031	39D812
12 to 4	1550	115	0.30	3 1/2"	3/8"	3 1/4"	55°C	5R029	39D810
4 to 16	1550	208-230	0.15	3 1/2"	3/8"	3 1/4"	55°C	5R030	39D811
—	1550	115	0.30	3 1/2"	3/8"	—	40°C	5R033	48UU58 *

* Fan pack assembly with fan blade.



No. 39D810

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. UL and C-UL Recognized.

Output Watts	HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Shaft Orientation	Length Less Shaft	Mfr. Model	Item No.
14 to 16	1/50	1550	CWLE	115	0.58	Horizontal or Up	3 3/4"	UTB1CC1551EM56	5ULC9
6 to 12	1/50	1550	CWLE	115	0.30	Horizontal or Up	3 3/4"	UTB1CB1551EM56	5ULC8



No. 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 Nos. 4M159 and 4M160 have 3/8" dia. with flat. No. 2MY41 has 1/16" 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. All motors are UL Recognized and CSA Certified, except Nos. 5YJN8 and 5YJN9 are UL and C-UL Recognized only.

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.
Totally Enclosed Air-Over												
5	1/150	1550	CWLE	Impedance	115	0.40	B	3 1/2"	3/8"	2 1/2"	SPFBC51	5YJN8
9	1/8	1550	CWLE	Auto	115	0.60	B	3 1/2"	3/8"	3"	SPFBE91H	5YJN9
16	1/47	1500	CWLE	Auto	115	0.80	A	3 1/2"	1/2"	3 1/2"	ESP-L16EM1	4M153
16	1/47	1500	CWLE	Auto	230	0.40	A	3 1/2"	1/2"	3 1/2"	ESP-L16EM2	4M154
25	1/60	1500	CWLE	Auto	115	1.1	A	3 1/2"	1/2"	3 1/2"	ESP-L25EM1	4M155
25	1/60	1500	CWLE	Auto	230	0.60	A	3 1/2"	1/2"	3 1/2"	ESP-L25EM2	4M156
35	1/20	1500	CWLE	Auto	115	1.4	A	3 1/2"	1/2"	3 1/2"	ESP-L35EM1	4M157
35	1/20	1500	CWLE	Auto	230	0.70	A	3 1/2"	1/2"	3 1/2"	ESP-L35EM2	4M158
Open Air-Over												
50	1/15	1500	CWLE	Auto	115	1.7	A	3 1/2"	1 1/2"	4 1/4"	ESP-OL50EM1	4M159
50	1/15	1500	CWLE	Auto	208-230	1.1-1.2	A	3 1/2"	1 1/2"	4 1/4"	ESP-OL60EM2	4M160
50	1/15	1500	CCWLE	Auto	208-230	0.77-0.85	A	3 1/2"	1 1/2"	3 3/4"	ESP-OL50EMJR21	2MY41
50	1/15	1500	CWLE	Auto	115	1.70	A	3 1/2"	1 1/2"	5 1/2"	ESP-OL50EM16H	40GN88
50	1/15	1500	CWLE	Auto	230	0.85	A	3 1/2"	1 1/2"	5 1/2"	ESP-OL50EM26H	40GN89



No. 4M159