Dayton

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.

	HP	Nameplate RPM	Protection	Voltage	Full Load Amps	Body Dia.	Shaft Length	Length Less Shaft	Max. Ambient Temp.	FACING LEAD END Item No.	COUNTERCLOCKWISE FACING LEAD END Item No.
		num Housing									
Rear/D	ouble	e Foot Moun									
5	1/150	1550	Impedance		0.34	31/2"	1/2"	25/8"	40°C	4YFF7	4YFF6
6	1/125	1550	Impedance	115	0.42	31/2"	1/2"	25/8"	40°C	4YFF9	4YFF8
9	1/83	1550	Auto	115	0.62	31/2"	1/2"	25/8"	40°C	4YFG2	4YFG1
9	1/83	1550	Auto	230	0.33	31/2"	1/2"	25/8"	40°C	4YFG4	4YFG3
Rear/F	oot N	lounting									
2	1/370	1550	Impedance		0.25	31/2"	1/2"	23/8"	40°C	4YFH5	_
2.3	1/370	1550	Impedance	115	0.25	31/2"	1/2"	3¾"	40°C	4YFG5	_
4	1/185	1550	Impedance	115	0.34	31/2"	1/2"	3%"	40°C	4YFJ2	4YFJ3
4	1/185	1550	Impedance	230	0.17	31/2"	1/2"	3%"	40°C	4YFJ4	4YFJ5
6	1/125	1550	Impedance	115	0.42	31/2"	1/2"	313/16"	40°C	4YFJ6	_
9	1/83	1550	Auto	115	0.62	31/2"	1/2"	313/16"	40°C	4YFJ7	4YFJ8
9	1/83	1550	Auto	230	0.33	31/2"	1/2"	313/16"	40°C	4YFJ9	4YFK1
16	1/47	1550	Auto	115	1.1	31/2"	1/2"	43/32"	40°C	4YFK4	4YFK5
16	1/47	1550	Auto	230	0.60	31/2"	1/2"	43/32"	40°C	4YFK6	_
Cast-Ir	on H	ousing									
	oot N	lounting									
2.5	1/300	1550	Impedance	115	0.25	31/2"	1/2"	3¾"	40°C	4YFH6	_
4	1/185	1550	Impedance		0.34	31/2"	1/2"	3%"	40°C	4YFG8	4YFG9
4	1/185	1550	Impedance	230	0.17	31/2"	1/2"	3¾"	40°C	4YFK2	4YFK3
6	1/125	1550	Impedance		0.42	31/2"	1/2"	313/16"	40°C	4YFG7	4YFG6
9	1/83	1550	Auto	115	0.62	31/2"	1/2"	313/16"	40°C	4YFH3	4YFH2
9	1/83	1550	Auto	230	0.33	31/2"	1/2"	313/16"	40°C	4YFH4	4YFH1
16	1/47	1550	Auto	115	1.1	31/2"	1/2"	41/16"	40°C	4YFH7	4YFH9
16	1/47	1550	Auto	230	0.60	31/2"	1/2"	41/16"	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.

morrillmotors*

CLOCKWISE



No. 39D810

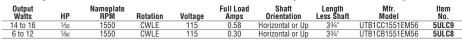
Output Watts Nameplate RPM Full Load Shaft Ambient Lenath Item Less Shaft No. 39D813 Amps Dia Length Temp Model 25 to 9 16 to 4 12 to 4 39D812 39D810 5R029 5R030 208-230 39D811 4 to 16 48UU58

* Fan pack assembly with fan blade.

ECM Direct-Drive Unit Bearing Fan Motors

- Enclosure: totally enclosed air-over
- Thermal protection: auto
- Insulation: Class A
- Mounting: rear/double foot
- Body dia.: 31/2"
- Plug type: round 2-pin
- Suitable for evaporator fans, walk-in coolers and Max. ambient temp.: 40°C freezers, ice machines, beverage merchandisers,

and vending machines. Threaded 1/4-20 shaft. Castiron frame. Evaporator-duty only. Include speed nut and mounting screws. UL and C-UL Recognized.





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,

 $2^{13}\!\!/_{16}"$ OC. $1\!\!/_{\!\!4}\text{-}20$ threaded shafts, except Nos. 4M159 and 4M160 have $\frac{3}{8}$ " dia. with flat. No. 2MY41 has $\frac{5}{16}$ " 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. All motors are UL Recognized and CSA Certified, except Nos. 5YJN8 and 5YJN9 are UL and C-UL Recognized only.

Waits HP RPM Rotation Protection Voltage Amps Class Dia. Length Shaft Model No. Totally Enclosed Air-Over 1550 CWLE Impedance 115 0.40 B 3½° %6° 2½° SPFBC51 5YJN8 9 ½6 1550 CWLE Auto 115 0.60 B 3½° ½° 3° SPFBC91 5YJN8 16 ½7 1500 CWLE Auto 215 0.80 A 3½° ½° 3½° ESP-L16EM1 4M154 25 ½0 1500 CWLE Auto 230 0.40 A 3½° ½° 3½° ESP-L16EM1 4M156 25 ½0 1500 CWLE Auto 230 0.60 A 3½° ½° 3½° ESP-L35EM1 4M156 25 ½0 1500 CWLE Auto 230 0.60 A 3½° ½°											Length		
5 ⅓₅₀ 1550 CWLE Impedance 115 0.40 B 3½° ¾6° 2½° SPFBC51 5YJN8 9 ⅓₅ 1550 CWLE Auto 115 0.60 B 3½° ¾6° 3° SPFBC51 5YJN8 16 ¼7 1500 CWLE Auto 120 0.80 A 3¼° ½° 3½° ESP-L16EM1 4M152 16 ¼7 1500 CWLE Auto 230 0.40 A 3¼° ½° 3½° ESP-L16EM2 4M154 25 ⅓₀ 1500 CWLE Auto 115 1.1 A 3¼° ½° 3½° ESP-L25EM1 4M154 25 ½₀ 1500 CWLE Auto 115 1.4 A 3¼° ½° 3½° ESP-L25EM1 4M156 35 ½₀ 1500 CWLE Auto 230 0.70 A 3¼° ½° 3½°	Output Watts	НР		Rotation		Voltage							
9 ½s 1550 CWLE Auto 115 0.60 B 3½° ¾s 3° SPFBE91H 5YJN9 16 ¼r 1500 CWLE Auto 115 0.80 A 3¾s ½° 3½° ESP-L16EM1 4M155 16 ¼r 1500 CWLE Auto 230 0.40 A 3¾s ½° 3½° ESP-L16EM2 4M155 25 ⅓0 1500 CWLE Auto 115 1.1 A 3¾s ½° 3½° ESP-L16EM2 4M155 25 ⅓0 1500 CWLE Auto 230 0.60 A 3¾s ½° 3½° ESP-L16EM2 4M155 35 ½0 1500 CWLE Auto 230 0.60 A 3¾s ½° 3½° ESP-L25EM1 4M155 35 ½0 1500 CWLE Auto 230 0.60 A 3¾s ½° 3½° ESP-L35EM2 4M156 35 ½0 1500 CWLE Auto 230 0.70 A 3¾s ½° SYP-L35EM1 4M155 35 ½0 1500 CWLE Auto 230 0.70 A 3¾s ½° ESP-L35EM2 4M156 Open Air-Over 50 ¼s 1500 CWLE Auto 115 1.7 A 3¾s ½° ESP-L35EM2 4M156 50 ¼s 1500 CWLE Auto 208-230 1.1+1.2 A 3¾s 1½° ESP-0L50EM1 4M156 50 ¼s 1500 CWLE Auto 208-230 1.1+1.2 A 3¾s 1½° ESP-0L50EM1 4M166 50 ¼s 1500 CWLE Auto 208-230 0.77-0.85 A 3¾s 1½° SYP-2 SPP-L50EM1 2M166 50 ¼s 1500 CWLE Auto 208-230 0.77-0.85 A 3¾s 1½° SP-0L50EMJR21 2MY41 50 ¼s 1500 CWLE Auto 115 1.70 A 3¾s 1½s SP-0L50EMJR21 2MY41 50 ¼s 1500 CWLE Auto 115 1.70 A 3¾s 1½s SP-0L50EMJR21 2MY41 50 ¼s 1500 CWLE Auto 115 1.70 A 3¾s 5½s² SP-0L50EMJR21 2MY41 50 ¼s 1500 CWLE Auto 115 1.70 A 3¾s 5½s² SP-0L50EMJR21 2MY41	Totally	Totally Enclosed Air-Over											
16	5	1/150	1550	CWLE	Impedance	115	0.40	В	31/2"	3/8"	21/2"	SPFBC51	5YJN8
16 ¼7 1500 CWLE Auto 230 0.40 A 3½° ½° 3½° ESP-L16EM2 4M154 25 ½0 1500 CWLE Auto 115 1.1 A 3½° ½° 3½° ESP-L25EM1 4M156 35 ½0 1500 CWLE Auto 115 1.4 A 3½° ½° 3½° ESP-L35EM1 4M156 35 ½0 1500 CWLE Auto 230 0.70 A 3½° ½° 3½° ESP-L35EM1 4M156 Open Air-Over 50 ½5 1500 CWLE Auto 115 1.7 A 3½° ½° 3½° ESP-L35EM1 4M156 Open Air-Over 50 ½5 1500 CWLE Auto 115 1.7 A 3½° ½° 3½° ESP-0L50EM1 4M158 50 ½5 1500 CWLE Auto	9	1/85	1550	CWLE	Auto	115	0.60	В	31/2"	3/8"	3"	SPFBE91H	5YJN9
25 1/50 1500 CWLE Auto 115 1.1 A 376' 1/2' 31/2' ESP-L25EM1 4M155		1/47			Auto	115		Α		1/2"			4M153
25 1500 CWLE Auto 230 0.60 A 376" 12" 312" ESP-L25EM2 4M156	16	1/47	1500	CWLE	Auto	230	0.40	Α	37/8"	1/2"	31/2"	ESP-L16EM2	4M154
35 ½0 1500 CWLE Auto 115 1.4 A 3½° ½° 3½° ESP-L35EM1 4M157 35 ½0 1500 CWLE Auto 230 0.70 A 3½° ½° 3½° ESP-L35EM2 4M158 Open Air-Over 50 ⅓5 1500 CWLE Auto 115 1.7 A 3½° 1½° 4½° 3½° ESP-0L50EM1 4M159 50 ⅓5 1500 CWLE Auto 208-230 1.1-1.2 A 3½° 1½° 4½° ESP-0L50EM1 4M160 50 ⅓5 1500 CWLE Auto 208-230 0.77-0.85 A 3½° 1½° 3½° ESP-0L50EM2 4M160 50 ⅓5 1500 CWLE Auto 115 1.70 A 3½° 1½° 3½° ESP-0L50EM12 12MY41 50 ⅓5 1500 CWLE Auto 115 1.70 A 3½° 1½° 3½° ESP-0L50EM16H 40GN8:		1/30	1500	CWLE	Auto	115	1.1	Α		1/2"	31/2"	ESP-L25EM1	4M155
35 ½0 1500 CWLE Auto 230 0.70 A 3½° ½° 3½° ESP-L35EM2 4M158 Open Air-Over 50 ¼s 1500 CWLE Auto 115 1.7 A 3½° 1½° 4½° ESP-0L50EM1 4M158 50 ¼s 1500 CWLE Auto 208-230 1.1-1.2 A 3½° 1½° 4¼° ESP-0L50EM1 4M156 50 ¼s 1500 CWLE Auto 208-230 0.77-0.85 A 3½° 1½° 3¾° ESP-0L50EM3 4M166 50 ¼s 1500 CWLE Auto 115 1.70 A 3½° 1½° 3¾° ESP-0L50EM3P21 2MY41 50 ¼s 1500 CWLE Auto 115 1.70 A 3½° 1½° 5½° 5½° ESP-0L50EM16H 40GN8:	25	1/30	1500	CWLE	Auto	230	0.60	Α	37/8"	1/2"	31/2"	ESP-L25EM2	4M156
Open Air-Over 50 ½s 1500 CWLE Auto 115 1.7 A 3½s' 1½s' 4½s' ESP-0L50EM1 4M155 50 ½s 1500 CWLE Auto 208-230 1.1-1.2 A 3½s' 1½s' 4¼s' ESP-0L50EM1 4M160 50 ½s 1500 CCWLE Auto 208-230 0.77-0.85 A 3¾s' 1½s' 3¾s' ESP-0L50EMJR21 2MY41 50 ½s 1500 CWLE Auto 115 1.70 A 3½s' 5½sz' ESP-0L50EM1R21 2MY41 50 ½s 1500 CWLE Auto 115 1.70 A 3½s' 5½sz' ESP-0L50EM1R21 4008		1/20	1500		Auto	115		Α		1/2"	31/2"	ESP-L35EM1	4M157
50 ½5 1500 CWLE Auto 115 1.7 A 3½° 1½° 4½° ESP-0L50EM1 4M159 50 ½5 1500 CWLE Auto 208-230 1.1-1.2 A 3½° 1½° 4½° ESP-0L60EM2 4M160 50 ½5 1500 CCWLE Auto 208-230 0.77-0.85 A 3¾° 1½° 3¾° ESP-0L50EMJR21 2MY41 50 ½5 1500 CWLE Auto 115 1.70 A 3¾° 1½° 3½° ESP-0L50EMJR21 2MY41 50 ½5 1500 CWLE Auto 115 1.70 A 3½° 1½° 3½° ESP-0L50EMJR21 2MY41 40 ½5 25				CWLE	Auto	230	0.70	Α	37/8"	1/2"	31/2"	ESP-L35EM2	4M158
50 ½5 1500 CWLE Auto 208-230 1.1-1.2 A 3½6 1½° 4¼4 ESP-0L50EM2 4M160 50 ½5 1500 CWLE Auto 208-230 0.77-0.85 A 3½6 1½° 3¾4 ESP-0L50EMJR21 2MY41 50 ½5 1500 CWLE Auto 115 1.70 A 3½6 1½82° 51½2° ESP-0L50EM16H 40GN8:	Open A	Open Air-Over											
50 ½5 1500 CCWLE Auto 208-230 0.77-0.85 A 3½° 1½° 3¾° ESP-0L50EMJR21 2MY41 50 ½5 1500 CWLE Auto 115 1.70 A 3½° 1½2° 51½2° ESP-0L50EM16H 40GN81		1/15		CWLE	Auto		1.7	Α		11/2"	45⁄8"	ESP-0L50EM1	4M159
50 1/15 1500 CWLE Auto 115 1.70 A 37/8" 13/92" 519/92" ESP-OL50EM16H 40GN8	50	1/15	1500	CWLE	Auto	208-230	1.1-1.2	Α	37/8"	11/2"	41/4"	ESP-OL60EM2	4M160
		1/15	1500	CCWLE	Auto	208-230	0.77-0.85	A		11/2"	3¾"	ESP-0L50EMJR21	2MY41
50 1/15 1500 CWLE Auto 230 0.85 A 37/8" 13/92" ESP-0L50EM26H 40GN8					Auto			Α					40GN88
	50	1/15	1500	CWLE	Auto	230	0.85	A	37/8"	13/32"	519/32"	ESP-0L50EM26H	40GN89



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