

1-800-GRAINGER (472-4643)



Permanent Split Capacitor and 3-Phase Transformer Cooling Fan Motors

- Enclosure: totally enclosed air-over
- Rotation: CW/CCW
- Thermal protection: auto
- 60/50 Hz
- Service factor: 1.0 (2WCE6); 1.5 (4UY24)
- Insulation: Class B
- Bearings: ball
- Max. ambient temp.: 65°C
- Duty: continuous
- Shaft orientation: all-angle
- Stud pattern: 3 $\frac{5}{8}$ " x 3 $\frac{5}{8}$ " (PSC); 4 $\frac{1}{8}$ " x 4 $\frac{1}{8}$ " (3-Phase)

Specifically designed for use on outdoor transformer cooling fans.
High-efficiency motors with stainless steel shaft.



2WCE6



4UY24

HP	Nameplate RPM	RPM @ 50 Hz	Frame	Voltage	Full Load Amps	Mounting	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Mfr. Model	Item No.
Permanent Split Capacitor, Capacitor Included												
$\frac{1}{2}$	1,075	900	48Y	115/200-230V AC	6.4/3.6-3.1	Rigid Base	5 $\frac{9}{16}$ in	$\frac{1}{2}$ in	2 $\frac{1}{2}$ in	7 in	C723V1A	2WCE6
3-Phase												
$\frac{1}{3}$	1,140	950	56	200-230/460V AC	1.90-1.80/0.90	Rigid Base	6 $\frac{9}{16}$ in	$\frac{5}{8}$ in	1 $\frac{15}{16}$ in	10 $\frac{1}{4}$ in	H1040	4UY24

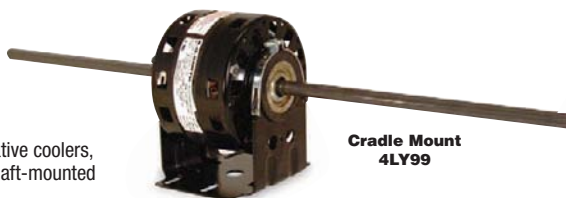


Shaded Pole Room Air Conditioner Motors

- Body Dia.: 5"
- Enclosure: open air-over
- Thermal protection: auto
- Service factor: 1.0
- Bearings: sleeve
- Max. ambient temp.: 40°C
- Duty: continuous

For room air conditioners, evaporative coolers, remote fan coil units, and other shaft-mounted fan and blower applications.

Ring Mount
3RCW6



Cradle Mount
4LY99

Ring/Stud Mount
4UU45



HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Mounting	Ring to Ring Center	Resilient Ring Dia.	Stud Pattern	Shaft Dia.	Shaft Length	Length Less Shaft	Mfr. Model	Item No.
2 Speed, 42 Frame													
$\frac{1}{4}, \frac{1}{2}$	1,625	CCWLE	208-230V AC	2.00	Ring	4 $\frac{9}{16}$ in	2 $\frac{1}{2}$ in	—	$\frac{1}{2}$ in	7 $\frac{3}{4}$ in	4 $\frac{5}{16}$ in	747	3RCW6
2 Speed, 42Y Frame													
$\frac{1}{10}$	1,050	CCWLE	115V AC	3.1	Cradle Base	4 $\frac{1}{16}$ in	2 $\frac{1}{2}$ in	—	$\frac{1}{2}$ in	9 $\frac{19}{16}$ in	4 $\frac{1}{16}$ in	DBL64062	4LY99
3 Speed, 42Y Frame													
$\frac{1}{10}$	1,075	CW/CCW	230V AC	0.70	Ring	4 $\frac{19}{16}$ in	2 $\frac{1}{2}$ in	2 $\frac{9}{16}$ in x 4 in	$\frac{1}{2}$ in	5 $\frac{19}{16}$ in	5 $\frac{3}{16}$ in	9711	4UY15
$\frac{1}{10}, \frac{1}{15}, \frac{1}{20}$	1,550	CCWLE	115V AC	3.5, 1.7, 1.4	Cradle Base	1 $\frac{11}{16}$ x 3 $\frac{1}{2}$ in	—	—	$\frac{1}{2}$ in	9 $\frac{9}{16}$ in	4 $\frac{1}{16}$ in	DBL4404	3M721
$\frac{1}{10}$	1,625	CW/CCW	208-230V AC	0.84	Ring	4 $\frac{9}{16}$ in	2 $\frac{1}{2}$ in	3 $\frac{1}{4}$ in x 3 $\frac{3}{4}$ in	$\frac{1}{2}$ in	5 $\frac{9}{16}$ in	5 $\frac{3}{16}$ in	9710	4UY14
4 Speed, 42Y Frame													
$\frac{1}{10}, \frac{1}{15}, \frac{1}{20}, \frac{1}{25}$	1,050	CCWLE	277V AC	1.30, 0.80, 0.70, 0.60	Cradle Base	4 $\frac{1}{16}$ in	2 $\frac{1}{2}$ in	—	$\frac{1}{2}$ in	9 $\frac{19}{16}$ in	4 $\frac{7}{16}$ in	7DB6408	3M864
	1,050	CCWLE	115V AC	3.4, 2.00, 1.70, 1.50	Cradle Base	1 $\frac{11}{16}$ x 3 $\frac{1}{2}$ in	—	—	$\frac{1}{2}$ in	10 $\frac{1}{4}$ in	4 $\frac{1}{16}$ in	DBL6406	3M720
	1,550	CCWLE	115V AC	3.1	Ring/Stud	4 $\frac{1}{16}$ in	2 $\frac{1}{2}$ in	2 $\frac{1}{4}$ in x 3 $\frac{3}{8}$ in	$\frac{1}{2}$ in	9 $\frac{9}{16}$ in	4 $\frac{1}{16}$ in	DBL4410	4UU44
	1,550	CCWLE	115V AC	3.1	Ring/Stud	4 $\frac{1}{16}$ in	2 $\frac{1}{2}$ in	2 $\frac{1}{4}$ in x 3 $\frac{3}{8}$ in	$\frac{9}{16}$ in	9 $\frac{9}{16}$ in	4 $\frac{1}{16}$ in	DBL4411	4UU45
$\frac{1}{6}$	1,550	CCWLE	115V AC	4.0	Ring	4 $\frac{9}{16}$ in	2 $\frac{1}{2}$ in	3 $\frac{1}{8}$ in x 3 $\frac{3}{8}$ in	$\frac{1}{2}$ in	8 $\frac{1}{2}$ in	4 $\frac{9}{16}$ in	DCL4423	4UU51
5 Speed, 42Y Frame													
$\frac{1}{10}, \frac{1}{20}, \frac{1}{30}, \frac{1}{40}, \frac{1}{70}$	1,050	CWLE	115V AC	3.0	Cradle Base	4 $\frac{1}{16}$ in	2 $\frac{1}{2}$ in	—	$\frac{1}{2}$ in	10 $\frac{15}{16}$ in	4 $\frac{1}{16}$ in	89	4MA19 *

* 60/50 Hz.



ECM Fan Coil Motor

- Speeds: 3
- 42 frame (5" body dia.)
- Enclosure: open air-over
- Thermal protection: auto
- Mounting: cradle base
- Bearings: ball
- Max. ambient temp.: 40°C
- Duty: continuous

Suitable as a replacement for older and less energy efficient PSC motors and for use in air conditioners, fan coil units, and blower applications.



HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Shaft Dia.	Shaft Length	Length Less Shaft	Mfr. Model	Item No.
$\frac{1}{10}$	1,100/900/700	CWLE	120V AC	1.06	$\frac{1}{2}$ in	9 $\frac{9}{16}$ in	3 $\frac{9}{16}$ in	CS89	10C902

IMPORTANT MOTOR INFORMATION | Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.