

1-800-GRAINGER (472-4643)



Band Mount



Ring Mount



Stud Mount



T-Flex Mount



Shaded Pole Direct-Drive Blower/Fan Motors

- Enclosure: open air-over, except 4UU91 is totally enclosed air-over
- Thermal protection: auto
- Service factor: 1.0
- Bearings: sleeve
- Max. ambient temp.: 40°C
- Duty: continuous air-over

These motors are suitable for unit heaters, condensers, furnace blowers, air circulators, fans, and a wide range of other shaft-mounted fan and blower equipment. 4UU91 has a 5.0 cu.-in. junction box. 4KA23 and 4KA22 are used in Coleman furnaces.

Motor Mounting Type	HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Ring to Ring Center	Stud Pattern	Shaft Dia.	Shaft Length	Mfr. Model	Item No.
1 Speed, 42Y Frame, 5 in Body Dia.											
Band	1/2	1,050	CCWLE	115V AC	3.1	—	—	1/2 in	3 in	BL6409	4KA23
	3/8	1,000	CCWLE	115V AC	7.8	—	—	1/2 in	3 in	BL6407	4KA22
Ring	3/8	1,050	CCWLE	115V AC	5.0	4 1/8 in	2 1/4 in x 3 3/8 in	1/2 in	5 1/2 in	BLR6403	4UU99
	1/2	1,050	CCWLE	115V AC	5.1	4 9/16 in	2 1/4 in x 3 3/8 in	1/2 in	2 11/16 in	BLR6402	4UU97
	3/4	1,050	CCWLE	115V AC	2.1	—	2 1/4 in x 3 3/8 in	3/8 in	1 7/8 in	BLR6407	4UU94
	1	1,050	CCWLE	115V AC	3.0	—	2 1/4 in x 3 3/8 in	1/2 in	1 3/4 in	U6433	4UU91
Stud	1/10	1,050	CWSE	115/208-230V AC	4.0/2.00	4 9/16 in	2 1/2 in x 2 1/2 in	3/8 in	2 1/4 in	RF6402	4UU74
	1/10	1,050	CCWLE	115/208-230V AC	4.0/2.00	4 9/16 in	2 1/2 in x 2 1/2 in	3/8 in	2 1/4 in	RF6403	4UU76
	1/10	1,050	CCWLE	115V AC	4.0	—	4 in x 2 9/16 in	3/8 in	1 7/8 in	BLR6406V1	33PT26
	1/10	1,550	CWSE	115/208-230V AC	4.0/2.00	4 9/16 in	2 1/2 in x 2 1/2 in	3/8 in	2 1/4 in	RF4400	4UU75
	1/10	1,550	CCWSE	115/208-230V AC	4.0/2.00	4 9/16 in	2 1/2 in x 2 1/2 in	3/8 in	2 1/4 in	RF4401	4UU77
	1/4	1,050	CCWLE	115V AC	9.0	5 1/8 in	2 1/4 in x 3 3/8 in	1/2 in	4 1/2 in	BLR640S	4UU81
T-Flex	1/2	1,050	CCWLE	115V AC	6.1	—	—	1/2 in	3 3/4 in	ONR6026	4MB32
	3/4	1,050	CCWLE	115V AC	8.1	—	—	1/2 in	4 1/2 in	BL6531	4MB34
3 Speed, 42Y Frame, 5 in Body Dia.											
Stud	1/4	1,050	CCWLE	115V AC	8.0	5 1/8 in	2 1/4 in x 3 3/8 in	1/2 in	4 1/2 in	BLR6404	4UU80
Motor Mounting Type HP Nameplate RPM Rotation Voltage Full Load Amps Ring to Ring Center Bolt Circle Dia. Shaft Dia. Shaft Length Mfr. Model Item No.											
1 Speed, 42Y Frame, 5 in Body Dia., 3 Mounting Studs											
Ring	1/2	1,050	CCWLE	115V AC	6.0	4 1/8 in	4 7/8 in	1/2 in	5 1/2 in	BL6413	4KA46
	3/4	1,050	CCWLE	115V AC	5.0	4 1/8 in	4 7/8 in	1/2 in	5 1/2 in	BL6410	4KA21
3 Speed, 42Y Frame, 5 in Body Dia., 3 Mounting Studs											
Ring	1/2, 3/4, 1	1,050	CCWLE	208-230V AC	3.2, 2.1, 1.50	4 9/16 in	4 7/8 in	1/2 in	5 1/2 in	B6415	4KA42
4 Speed, 42Y Frame, 5 in Body Dia., 3 Mounting Studs											
Ring	1/2	1,050	CCWLE	115V AC	7.0	4 9/16 in	4 7/8 in	1/2 in	2 11/16 in	BL6416	4KA40

* Studs located on opposite shaft end of motor.



PSC Cradle/Stud-Mount Direct-Drive Motors

- Enclosure: totally enclosed air-over
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B
- Bearings: ball
- Max. ambient temp.: 40°C
- Duty: continuous

Energy-efficient motors are supplied with mounted capacitor. Terminal board on all motors. For use in exhaust fans, air circulators, and other equipment operating in dusty, dirty, noncombustible environments.



2FGR2

HP	Nameplate RPM	Frame	Rotation	Voltage	Full Load Amps	Ring to Ring Center	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Stud Pattern	Mfr. Model	Item No.
1 Speed													
1/4	1,100	48Z	CW/CCW	115/230V AC	4.0/2.00	6 1/2 in	5 9/16 in	1/2 in	3 1/4 in	7 in	3 3/8 x 3 3/8"	C045A	2FGR2
1/2	1,100	48Z	CW/CCW	115/230V AC	4.5/2.3	6 3/4 in	5 9/16 in	1/2 in	3 1/4 in	7 1/4 in	3 3/8 x 3 3/8"	C046A	2FGP8
3/4	1,100	48Z	CW/CCW	115/230V AC	6.5/3.3	7 7/8 in	5 9/16 in	1/2 in	3 3/8 in	8 3/8 in	3 3/8 x 3 3/8"	C047A	2FGP9
1	1,075	56	CCWLE	115/230V AC	7.3/3.7	8 7/8 in	6 1/2 in	3/4 in	2 in	9 3/8 in	4 1/8 x 4 1/8"	C060	4UB77
2 Speed													
1/4	1,100	48Z	CW/CCW	115V AC	3.0	7 3/16 in	5 9/16 in	1/2 in	3 in	7 3/8 in	3 3/8 x 3 3/8"	C059A	4VY24

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.