


6K871

Dayton

Split-Phase Start/Capacitor-Run Open Dripproof Belt-Drive Motors

- Rotation: CW/CCW
- Insulation: Class B, except 6K857 is F
- Body dia.: 5 5/8", except 6K872 is 6 1/2"
- Max. ambient temp.: 40°C
- Duty: continuous

These motors feature a low to moderate starting torque and deliver smooth, soft, start-ups in HVAC equipment that must gradually come up to speed. They have an open dripproof enclosure and are for use in clean, dry, nonhazardous locations. Models are suitable for use in fans, blowers, whole house fans, air circulators, and air coolers where a quiet running motor is required.

HP	Nameplate RPM	Frame	Thermal Protection	Voltage	Full Load Amps	Service Factor	Bearings	Shaft Dia.	Shaft Length	Item No.
1-Speed, Open Dripproof with Cradle Base Mounting										
1/4	1,725	48	Auto	115V AC	3.2	1.35	Ball	1/2 in	1 1/2 in	6K870 *†
1/4	1,725	48	Auto	115V AC	4.1	1.35	Ball	1/2 in	1 1/2 in	6K871 *†
1/2	1,725	56Z	Auto	115V AC	5.3	1.25	Ball	1/2 in	1 1/2 in	6K872 *
3/4	1,725	56	Auto	115V AC	8.3	1.25	Ball	5/8 in	1 5/8 in	6K857

* Includes 5/8" dia. shaft bushing. † Notched for 48 or 56 frame mount.


4UE81

5ELN2

5DVU0
marathon **Century**
 Motors

Split-Phase Open and Air-Over Belt-Drive Motors

- Rotation: CW/CCW
- Insulation: Class B
- Body dia.: 48 frame, 5 5/8"; 56 frame, 6 1/2"
- Max. ambient temp.: 40°C
- Duty: continuous

Feature low to moderate starting torque and provide smooth, soft, start-ups in HVAC equipment that must gradually come up to speed. Motors are for use in exhaust fans, air circulators, and other air-over fan applications. Open motors are for use

in clean, dry, nonhazardous locations. Enclosed motors are for use in dusty, dirty, nonhazardous locations.

2 Speed—Designed specifically for diminishing torque air-moving applications, such as belted or direct-drive fans.

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HP	Nameplate RPM	Frame	Thermal Protection	Voltage	Full Load Amps	Service Factor	Bearings	Shaft Dia.	Shaft Length	Brand	Mr. Model	Item No.
1-Speed, Open Air-Over with Cradle Base Mounting												
1/4	1,725	48	Auto	115V AC	6.6	1	Ball	1/2 in	1 1/2 in	Marathon	048S17D997	44YU96
1-Speed, Open with Cradle Base Mounting												
1/6	1,725	56Z	Auto	115V AC	4.9	1.35	Sleeve	5/8 in	2 in	Century	RS2014	4UE68 *
	1,725	48Z	Auto	115V AC	4.9	1.35	Ball	1/2 in	1 3/4 in	Century	RB2014	4UE73 †
	1,725	48	Auto	115V AC	4.9	1.35	Sleeve	1/2 in	1 1/2 in	Century	GF2014	4UE81 *†
1/4	1,725	48	Auto	115/208-230V AC	4.6/2.3	1.35	Ball	1/2 in	1 5/8 in	Century	BF2024	4UE79 *†
	1,140	56	Auto	115V AC	4.9	1.35	Ball	5/8 in	1 7/8 in	Century	RB2026	4UE69
	1,725	48	Auto	115/230V AC	6.0/3.0	1.35	Ball	1/2 in	1 5/8 in	Century	BF2034	4UE63 *††
1/3	1,725	56Z	Auto	115/208-230V AC	6.0/3.0-2.7	1.35	Ball	5/8 in	2 3/8 in	Century	BF2034B	4UE80 *
	1,725	48	Auto	115/208-230V AC	7.2/3.6	1.25	Ball	1/2 in	1 5/8 in	Century	BF2054	4UE88 *†
	1,725	48Z	Auto	115/208-230V AC	7.2/3.6	1.25	Ball	1/2 in	2 3/8 in	Century	BF2054V1	4UE99 *
1/2	1,725	56Z	Auto	115/230V AC	8.8/4.4	1.25	Ball	5/8 in	2 in	Century	RB2054DV3	4YHW4 *
	1,725	56	Auto	115/230V AC	8.8/4.4	1.25	Ball	5/8 in	2 in	Century	RB2054DV2	5ELN2
1-Speed, Open with Rigid Base Mounting												
1/4	1,725	48	Auto	115V AC	5.4	1.35	Ball	1/2 in	1 1/2 in	Century	889A	4RGX2
3/4	1,725	56Z	Auto	115V AC	9.6	1	Ball	5/8 in	2 3/8 in	Century	OS2074	4UUI1
1-Speed, Totally Enclosed Air-Over with Cradle Base Mounting												
1/4	1,725	48Y	None	115/208-230V AC	3.3/1.70-1.70	1	Ball	1/2 in	1 5/8 in	Century	ARB2024L4	5DVU1 †
	1,140	48Y	Auto	115/208-230V AC	6.2/2.8-3.1	1	Ball	1/2 in	1 5/8 in	Century	ARB2026SV1	5DVU2 †
	1,140	48Y	None	115/208-230V AC	6.2/2.8-3.1	1	Ball	1/2 in	1 5/8 in	Century	ARB2026SLV1	5DVU3 †
1/3	1,725	48	None	115/208-230V AC	4.9/2.5-2.3	1	Ball	1/2 in	1 5/8 in	Century	ARB2034L2	5DVU4 †
	1,725	56Z	Auto	115/208-230V AC	7.3/3.8-3.8	1.35	Ball	5/8 in	1 5/8 in	Century	ARB2034L5	5DVU5 *
2-Speed, Open Dripproof with Cradle Base Mounting												
1/3, 1/4	1,725	48	Auto	115V AC	5.3/2.9	1	Ball	1/2 in	9 3/4 in	Marathon	048S17D7209	44YU94
2-Speed, Totally Enclosed Air-Over with Cradle Base Mounting												
1/4, 1/2	1,725/1,140	56Z	None	115V AC	4.4/3.0	1	Ball	5/8 in	1 5/8 in	Century	ARB2024L2	5DVU0 *
1/4	1,724/1,140	56Z	Auto	115V AC	4.4/3.0	1	Ball	5/8 in	1 5/8 in	Century	ARB2024L1	5DVT9 *

* Includes 5/8" shaft adapter/key. † Cradle base has 48/56 mounting holes. ‡ Usable on 208V at 1.0 service factor.