



4VAF9

High-Temperature Belt-Drive Motors

- Enclosure: open dripproof
- Rotation: CW/CCW
- Thermal protection: auto
- Insulation: Class B
- Mounting: cradle/stud
- Frame: steel
- Bearings: ball
- Max. ambient temp.: 60°C

These single-speed, 1-phase, continuous-duty motors are suitable for use in roof ventilators and have quick-connect terminals to help speed installation. 48Y frames are notched to replace 48 or 56 frame.

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Service Factor	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Ring to Ring Center	Stud Pattern	Item No.
Split-Phase												
1/4	1,725	48Y	115/208-230V AC	5.1/2.6-2.4	1.15	5 3/8 in	1/2 in	1 1/8 in	7 1/8 in	7 1/8 in	3 3/8 in x 3 3/8 in	4VAF9
1/2	1,725	48Y	115/208-230V AC	6.6/3.1-3.3	1.15	5 3/8 in	1/2 in	1 1/8 in	8 1/8 in	8 1/8 in	3 3/8 in x 3 3/8 in	4VAG1
1/2	1,725	56	115/208-230V AC	8.3/4.3-4.2	1.25	6 1/2 in	5/8 in	1 1/8 in	8 3/8 in	8 3/8 in	4 1/8 in x 4 1/8 in	4VAG2
3/4	1,725	56	115/208-230V AC	11.8/6.1-6.0	1.15	6 1/2 in	5/8 in	1 1/8 in	7 1/8 in	7 1/8 in	4 1/8 in x 4 1/8 in	4VAG3
Capacitor-Start												
1/4	1,725	48Y	115/208-230V AC	4.5/2.2-2.3	1.15	5 3/8 in	1/2 in	1 1/8 in	7 3/8 in	7 3/8 in	3 3/8 in x 3 3/8 in	4VAG4
1/2	1,725	48Y	115/208-230V AC	5.9/3.0-2.8	1.15	5 3/8 in	1/2 in	1 1/8 in	9 1/8 in	8 3/8 in	3 3/8 in x 3 3/8 in	4VAG5
1/2	1,725	56	115/208-230V AC	8.2/4.1	1.15	5 3/8 in	5/8 in	1 1/8 in	8 3/8 in	8 3/8 in	3 3/8 in x 3 3/8 in	4VAG6
3/4	1,725	56	115/208-230V AC	11.1/5.5-5.5	1.25	6 1/2 in	5/8 in	1 1/8 in	9 1/8 in	9 in	4 1/8 in x 4 1/8 in	4VAG7
Capacitor-Start/Run												
1	1,725	56	115/208-230V AC	7.8/4.4-4.0	1.25	6 1/2 in	5/8 in	1 1/8 in	10 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	4VAG8



Cradle-Base Mount,
Open Dripproof



Cradle-Base Mount,
Totally Enclosed
Nonventilated



3-Phase Belt-Drive Motors

- Rotation: CW/CCW
- Insulation: Class B, except 10K091 and 19RW76 to 19RW78 are Class F
- Bearings: ball
- Max. ambient temp.: 40°C

Highly efficient motors have a high starting torque compared to single-phase models of the same HP, rpm, and frame size. They require no capacitor, start winding, centrifugal switch, or other starting device that can wear out and fail. Motors are suitable for use with pumps, industrial fans, blowers, and exhaust fans.

HP	Nameplate RPM	Frame	Thermal Protection	Voltage	Full Load Amps	Service Factor	Mounting	Shaft Dia.	Shaft Length	Length Less Shaft	Stud Pattern	Brand	Mfr. Model	Item No.
1-Speed, Open Dripproof														
1/2	1,725	56	None	200-230/460V AC	1.60-1.40/0.80	1.35	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	—	Century	H262V2	10K091
1/2	3,450	56	Auto	200-230/460V AC	1.00/2.00-1.90	1.6	Cradle Base	5/8 in	1 1/8 in	10 1/4 in	—	Century	H840	4MA38 †
1/2	1,725	56	None	200-230/460V AC	1.00/2.00-1.90	1.25	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H275V2	12N863
3/4	3,450	56	Auto	200-230/460V AC	1.40/2.8-2.8	1.5	Cradle Base	5/8 in	1 1/8 in	10 3/4 in	4 1/8 in x 4 1/8 in	Century	H841V1	4LY72 †
3/4	1,725	56	Auto	200-230/460V AC	3.2-3.0/1.60	1.25	Cradle Base	5/8 in	2 1/8 in	9 1/8 in	—	Century	H851V3	429J47
3/4	1,725	56	None	200-230/460V AC	3.2-2.9/1.60	1.25	Cradle Base	5/8 in	2 in	9 in	—	Century	H582V3	490T59
1	3,450	56H	Auto	200-230/460V AC	1.80/3.6-3.5	1.4	Cradle Base	5/8 in	1 1/8 in	10 3/4 in	4 1/8 in x 4 1/8 in	Century	H842V1	4LY73 †
1	1,725	56	None	200-230/460V AC	3.6-3.4/1.80	1.25	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H615V2	6PWA6
1 1/2	3,450	56H	Auto	200-230/460V AC	4.7-4.6/2.3	1.3	Cradle Base	5/8 in	1 1/8 in	11 in	4 1/8 in x 4 1/8 in	Century	H843V1	4LY74 †
1 1/2	1,725	56H	None	200-230/460V AC	5.0-4.8/2.4	1.2	Cradle Base	5/8 in	1 1/8 in	10 in	—	Century	56T17DRS40003A2	6PWA7
2	3,450	56H	Auto	200-230/460V AC	2.9/6.0-5.8	1.2	Cradle Base	5/8 in	1 1/8 in	12 in	—	Century	H844	4MA40 †
2	1,725	56H	Auto	208-230/460V AC	5.8/2.9	1.15	Cradle Base	5/8 in	2 in	10 1/8 in	4 1/8 in x 4 1/8 in	Century	RB3204A	4LY71 †
3	1,750	56HZ	Auto	200-230/460V AC	4.5/9.4-8.9	1.15	Rigid Base	7/8 in	2 3/8 in	12 1/4 in	5 1/8 in x 5 1/8 in	Century	H887L	10K089
5	3,450	56HZ	Auto	208-230/460V AC	13.4-13.2/6.6	1.15	Cradle Base	7/8 in	2 3/8 in	12 1/4 in	4 1/8 in x 4 1/8 in	Century	H1039L	3DG01 †
1/2	1,725	56	Auto	208-230/460V AC	2.3-2.2/1.10	1.25	Cradle Base	5/8 in	1 1/8 in	8 1/8 in	4 3/8 in x 4 3/8 in	Marathon	5K42HN4089X	490T69
3/4	1,725	56	None	208-230/460V AC	3.3-3.0/1.50	1.25	Cradle Base	5/8 in	1 1/8 in	8 3/8 in	4 3/8 in x 4 3/8 in	Marathon	5K46KN4085	490T70
3/4	1,725	56	Auto	208-230/460V AC	3.3-3.0/1.50	1.25	Cradle Base	5/8 in	1 1/8 in	8 3/8 in	4 3/8 in x 4 3/8 in	Marathon	5K46KN4085X	490T71
1	1,725	56	None	208-230/460V AC	3.8-3.6/1.90	1.15	Cradle Base	5/8 in	1 1/8 in	8 3/8 in	4 3/8 in x 4 3/8 in	Marathon	5K46MN4087	490T72
3/4, 1	1,725	56	Auto	208-230/460V AC	3.4-3.4/1.70	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	—	Marathon	056T17D2101	490T73
1 1/2	1,725	56	None	208-230/460V AC	4.8-4.8/2.4	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	—	Marathon	056T17D5329	490T75
1 1/2	1,725	56H	None	208-230/460V AC	5.2-5.1/2.6	1.15	Cradle Base	5/8 in	1 1/8 in	10 in	4 3/8 in x 4 3/8 in	Marathon	5K49PN4088X	490T76
2	1,725	56H	None	208-230/460V AC	6.0-6.0/3.0	1.15	Cradle Base	5/8 in	1 1/8 in	11 1/8 in	4 3/8 in x 4 3/8 in	Marathon	5K49UN4086X	490T78
1-Speed, Totally Enclosed Air-Over														
1/4	1,725	48Y	None	208-230/460V AC	1.50-1.40/0.75	1	Cradle Base	1/2 in	2 in	6 3/8 in	3 3/8 in x 3 3/8 in	Century	H1025A	4EAH1 *
1/2	1,725	48Y	None	208-230/460V AC	1.20-1.20/0.60, 1.40-1.4/0.70	1	Cradle Base	1/2 in	2 in	7 1/4 in	4 1/8 in x 4 1/8 in	Century	H1027A	5DVU7 *
1/2	1,725	56	None	208-230/460V AC	2.3-2.2/1.10	1	Cradle Base	5/8 in	1 1/8 in	8 3/8 in	4 3/8 in x 4 3/8 in	Marathon	5K42HN4128	403T97
1	1,725	56	None	200-230/460V AC	3.4-3.3/1.70	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H1031L	6PWA5
1-Speed, Totally Enclosed Nonventilated														
1/4	1,140	56	None	200-230/460V AC	1.30-1.20/0.60	1.15	Cradle Base	5/8 in	1 1/8 in	8 3/8 in	4 1/8 in x 4 1/8 in	Century	H1026	4LY49
1/2	1,140	56	None	200-230/460V AC	2.1-2.00/1.00	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H1029	4LY52
3/4	1,725	56	None	200-230/460V AC	2.4-2.3/1.20	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H1030L	6FJF1
2-Speed, Open Dripproof														
1/2, 1/4	1,725/1,140	56Y	None	200-230V AC	1.90/1.20	1.25	Cradle Base	5/8 in	1 1/8 in	9 3/8 in	4 1/8 in x 4 1/8 in	Century	H655V1	5XTA0
1/2, 1/4	1,725/1,140	56Y	None	460V AC	0.95/0.60	1.25	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H656V1	5XTA1
3/4, 1/2	1,725/1,140	56	None	460V AC	1.30/0.82	1.25	Cradle Base	5/8 in	1 1/8 in	8 1/8 in	4 1/8 in x 4 1/8 in	Century	H658V1	5XTA2
3/4, 1/2	1,725/1,140	56FR	None	200-230V AC	2.6/1.60	1.25	Cradle Base	5/8 in	1 1/8 in	8 3/4 in	4 1/8 in x 4 1/8 in	Century	H657V1	6FJF2
1, 1/2	1,725/1,140	56	None	200-230V AC	3.4/2.2	1.15	Cradle Base	5/8 in	1 1/8 in	9 1/8 in	4 1/8 in x 4 1/8 in	Century	H717V1	5XTA3
1, 1/2	1,725/1,140	56Y	None	460V AC	1.70/1.10	1.15	Cradle Base	5/8 in	1 1/8 in	9 3/8 in	4 1/8 in x 4 1/8 in	Century	H718V1	5XTA4
1 1/2, 1 1/8	1,745/1,140	56H	None	200-230V AC	4.8/2.8	1.15	Cradle Base	5/8 in	1 1/8 in	10 3/4 in	4 1/8 in x 4 1/8 in	Century	H1034V1	5XR29
3, 3/4	1,760/875	182T	None	200-230V AC	9.0-8.2/3.6-3.5	1.15	Rigid Base	1 1/8 in	2 3/8 in	10 3/8 in	—	Marathon	182TDW7412	19RW76
5, 1/4	1,755/875	184T	None	460V AC	6.9/3.0	1.15	Rigid Base	1 1/8 in	2 3/8 in	11 3/8 in	—	Marathon	184TDW7209	19RW77
5, 1/4	1,755/875	184T	None	200-230V AC	14.5-13.8	1.15	Rigid Base	1 1/8 in	2 3/8 in	11 3/8 in	—	Marathon	184TDW7287	19RW78

* 60/50 Hz. † Horizontal mounting only.