



## 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. |
|----------------------------|---------------|-------|-----------------|----------------|----------------|-----------|------------|--------------|-------------------|---------------------|---------------------|----------|
| <b>Split-Phase</b>         |               |       |                 |                |                |           |            |              |                   |                     |                     |          |
| 1/4                        | 1,725         | 48Y   | 115/208-230V AC | 5.1/2.6-2.4    | 1.15           | 5 5/8 in  | 1/2 in     | 1 1/2 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 5/8 in  | 1/2 in     | 1 1/2 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 1/2 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 1/2 in     | 7 1/8 in          | 7 1/8 in            | 4 1/8 in x 4 1/8 in | 4VAG3    |
| <b>Capacitor-Start</b>     |               |       |                 |                |                |           |            |              |                   |                     |                     |          |
| 1/4                        | 1,725         | 48Y   | 115/208-230V AC | 4.5/2.2-2.3    | 1.15           | 5 5/8 in  | 1/2 in     | 1 1/2 in     | 7 1/8 in          | 7 1/8 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 5/8 in  | 1/2 in     | 1 1/2 in     | 9 1/8 in          | 8 1/8 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 5/8 in  | 5/8 in     | 1 1/2 in     | 8 1/2 in          | 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 1/2 in     | 9 1/2 in          | 9 in                | 4 1/8 in x 4 1/8 in | 4VAG7    |
| <b>Capacitor-Start/Run</b> |               |       |                 |                |                |           |            |              |                   |                     |                     |          |
| 1                          | 1,725         | 56    | 115/208-230V AC | 7.8/4.4-4.0    | 1.25           | 6 1/2 in  | 5/8 in     | 1 1/2 in     | 10 1/2 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. |
|--|---------------|-------|--------------------|-----------------|-----------------|----------------|-------------|------------|--------------|-------------------|---------------------|----------|-------------|----------|
| <b>1-Speed, Open Dripproof</b>                 |               |       |                    |                 |                 |                |             |            |              |                   |                     |          |             |          |
| 1/3  | 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   |
| 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 †  |
|  | 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 1/2 in          | —                   | Century  | H851V3      | 429J47   |
| 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 †  |
|  | 1,725         | 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 †  |
| 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 †  |
|  | 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      | 3DGD1 †  |
| 1/2  | 1,725         | 56    | Auto               | 208-230/460V AC | 2.3-2.2/1.10    | 1.25           | Cradle Base | 5/8 in     | 1 7/8 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 7/8 in     | 8 7/8 in          | 4 3/8 in x 4 3/8 in | Marathon | 5K46KN4085  | 490T70   |
|  | 1,725         | 56    | Auto               | 208-230/460V AC | 3.3-3.0/1.50    | 1.25           | Cradle Base | 5/8 in     | 1 7/8 in     | 8 7/8 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 7/8 in     | 8 7/8 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 1/2 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 1/2 in          | —                   | Marathon | 056T17D5329 | 490T75   |
|  | 1,725         | 56H   | None               | 208-230/460V AC | 5.2-5.1/2.6     | 1.15           | Cradle Base | 5/8 in     | 1 7/8 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 7/8 in     | 11 1/8 in         | 4 3/8 in x 4 3/8 in | Marathon | 5K49UN4086X | 490T78   |
| <b>1-Speed, Totally Enclosed Air-Over</b>      |               |       |                    |                 |                 |                |             |            |              |                   |                     |          |             |          |
| 1/2  | 1,725         | 56    | None               | 208-230/460V AC | 2.3-2.2/1.10    | 1              | Cradle Base | 5/8 in     | 1 7/8 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 1/2 in          | 4 1/8 in x 4 1/8 in | Century  | H1031L      | 6PWA5    |
| <b>1-Speed, Totally Enclosed Nonventilated</b> |               |       |                    |                 |                 |                |             |            |              |                   |                     |          |             |          |
| 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 1/2 in          | 4 1/8 in x 4 1/8 in | Century  | H1030L      | 6FJF1    |
| <b>2-Speed, Open Dripproof</b>                 |               |       |                    |                 |                 |                |             |            |              |                   |                     |          |             |          |
| 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 7/8 in     | 9 3/8 in          | 4 1/8 in x 4 1/8 in | Century  | H655V1      | 5XTA0    |
| 3/4, 1/2                                       | 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    |
|  | 1,725/1,140   | 56    | None               | 460V AC         | 1.30/0.82       | 1.25           | Cradle Base | 5/8 in     | 1 7/8 in     | 8 1/8 in          | 4 1/8 in x 4 1/8 in | Century  | H658V1      | 5XTA2    |
| 1, 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    |
|  | 1,725/1,140   | 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 1/4                                   | 1,725/1,140   | 56Y   | None               | 460V AC         | 1.70/1.10       | 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  | H718V1      | 5XTA4    |
|  | 1,725/1,140   | 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     | 5XRZ9    |
| 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 1/8 in     | 10 3/8 in         | —                   | Marathon | 182TTDW7412 | 19RW76   |
| 5, 1/4   | 1,755/875     | 184T  | None               | 460V AC         | 6.9/3.0         | 1.15           | Rigid Base  | 1 1/8 in   | 2 1/8 in     | 11 3/8 in         | —                   | Marathon | 184TTDW7209 | 19RW77   |
|  | 1,755/875     | 184T  | None               | 200-230V AC     | 14.5-13.8       | 1.15           | Rigid Base  | 1 1/8 in   | 2 1/8 in     | 11 3/8 in         | —                   | Marathon | 184TTDW7287 | 19RW78   |

\* 60/50 Hz. † Horizontal mounting only.