



Solid State Commutated Unit Bearing Motors

Features

- The next generation of ECM unit bearing motor with multi-watt range capability
- Used for commercial refrigeration
- IP65 Certified making it compatible for applications where the use of pressurized water for wash down is a standard procedure
- ATEX Certified allowing its application where flammable refrigerants are used
- 66% Peak Efficiency = 45% higher than a PSC motor
- Ball bearing with low temperature grease
- Operating Temps: -40° C to 55° C ambient
- 5 drilled & tapped mounting holes on rear of the motor



Item ID	Watts	Volts	RPM	Amps	Speeds	Rotation	Shaft Dim. (in.)	Length Less Shaft (in.)	Mounting
Morrill Motors									
10999	4-25	115	1550	0.60	1	CWLE	1/4 x 1/2		Universal 5-Hole Mount
IP65 Certified									



Item ID	Watts	Volts	RPM	Amps	Rotation	Shaft Dimension (In.)	Hertz	Replaces	Notes
Morrill Motors									
10012	6-12	115	1550	0.30	CW	1/4 Threaded	60	Hussmann 4410546	554
10013	6-12	115	1550	0.30	CCW	1/4 Threaded	60	—	554
10020	16-25	115	1575	0.60	CW	1/4 Threaded	60	Hussmann 4410547	554
10022	16-25	115	1575	0.60	CCW	1/4 Threaded	60	—	554
Notes: 554. Includes water shield to protect motor during coil cleaning									



Item ID	Watts	Volts	RPM	Amps	Rotation	Shaft Dimension (In.)	Hertz	Notes
Morrill Motors								
20020	16-25	208-230	1575	0.30	CW	1/4 Threaded	60	554
20022	16-25	208-230	1575	0.20	CCW	1/4 Threaded	60	554
Notes: 554. Includes water shield to protect motor during coil cleaning								



Item ID	Watts	Volts	RPM	Amps	Rotation	Shaft Dimension (In.)	Hertz
Morrill Motors							
10036	35-50	208-230	1550	0.45	CW	1/4 Threaded	50/60
10040	35-50	115	1550	0.90	CCW	1/4 Threaded	50/60



Item ID	Watts	Volts	RPM	Amps	Rotation	Shaft Dimension (In.)	Hertz
Morrill Motors							
10042	35-50	208-230	1550	0.45	CCW	1/4 Threaded	50/60



Item ID	Watts	Volts	RPM	Amps	Rotation	Plug	Hertz	Foot Pads	Material	Replaces
Morrill Motors										
10112	12	115	1550	0.30	CWLE	Straight 2 Prong Plug	50/60	Double	Aluminum	12CSHEMA1
10215	12	230	1550	0.15	CWLE	Straight 2 Prong Plug	50/60	Double	Aluminum	15CSHEMA2



Item ID	Watts	Volts	RPM	Amps	Rotation	Plug	Hertz	Foot Pads	Material	Replaces
Morrill Motors										
10312	12	115	1550	0.30	CWLE	90 Degree 2 Prong Plug	50/60	Double	Aluminum	12CSHBV2