



Solid State Commutated Unit Bearing Motors



10012
10013
10020
10022
20020
20022



10035
10036
10040



10042



10050
10052

Features

- Direct drop-in replacements
- Ultimate commutated technology
- Unit bearing construction
- 100% performance tested
- Includes Lyall plug
- Rotation is determined by viewing opposite shaft end
- Peak efficiencies in excess of 80% means lower operating temperatures and extended motor life
- Constant 1550 RPM operating speed is identical on either 50 or 60 Hertz
- Constant 1550 RPM regardless of fluctuations in voltage

Item ID	Watts	Volts	RPM	Amps	Rotation	Shaft Dimension (In.)	Hertz	Notes
Morrill Motors								
10012	6-12	115	1550	0.30	CW	1/4 Threaded	60	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	554
10022	16-25	115	1575	0.60	CCW	1/4 Threaded	60	554
20020	16-25	208-230	1575	0.30	CW	1/4 Threaded	60	554
20022	16-25	208-230	1575	0.30	CCW	1/4 Threaded	60	554
10035	35-50	115	1550	0.90	CW	1/4 Threaded	50/60	
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	
10042	35-50	208-230	1550	0.45	CCW	1/4 Threaded	50/60	
10050	35-50	115	1550	0.90	CW	3/8 x 1 7/8	50/60	
10052	35-50	208-230	1550	0.45	CW	3/8 x 1 7/8	50/60	

Notes:

554. Includes water shield to protect motor during coil cleaning



10112
10113
10116
10215



10312



10313



10218
10219

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
10312	12	115	1550	0.30	CWLE	90 Degree 2 Prong Plug	50/60	Double	Aluminum	12CSHBV2
10313	12	115	1550	0.30	CWLE	90 Degree 2 Prong Plug	50/60	Double	Aluminum	12CSHEMV1
10113	13	115	1550	0.40	CWLE	Straight 2 Prong Plug	50/60	Double	Aluminum	13CSHEMA1
10215	12	230	1550	0.15	CWLE	Straight 2 Prong Plug	50/60	Double	Aluminum	15CSHEMA2
10116	16	115	1550	0.60	CWLE	Straight 2 Prong Plug	50/60	Double	Aluminum	16SCSHEMA1
10218	18	115	1550	0.90	CCWLE	Straight 2 Prong Plug	50/60	Double	Cast Iron	18AHEMAR1
10219	19	208-230	1550	0.45	CCWLE	Straight 2 Prong Plug	50/60	Double	Cast Iron	19AHMAR2