

# MaxMotion

## IEC PERFORMANCE DATA SHEET IEC Efficiency Level IE3

Catalog #: **IJA132M1-6-46**

HP	kW	Voltage	L.R. Amps	Efficiency	Power Factor	Service Factor	Frame	Design
5,50	4,10	230 / 460	53,82	89,5%	0,74	1,15	132M	N

60 Hz								
FLA							Is/In	F.L. RPM
208	230	333	460	575	796	990		
/	15,20	/	7,58	/	/	/	7,1	1160

50 Hz								
FLA						Efficiency	Is/In	F.L. RPM
190	380	400	415	660	725			
18,90	9,46	8,99	8,66	/	/	86,8%	7,1	968

Wgt. Lbs	PH	Duty	Insul. Class	Ambient Temp.	Elevation	Temp. Rise° C
108,9	3	S1	H	40°C	1000 M	42

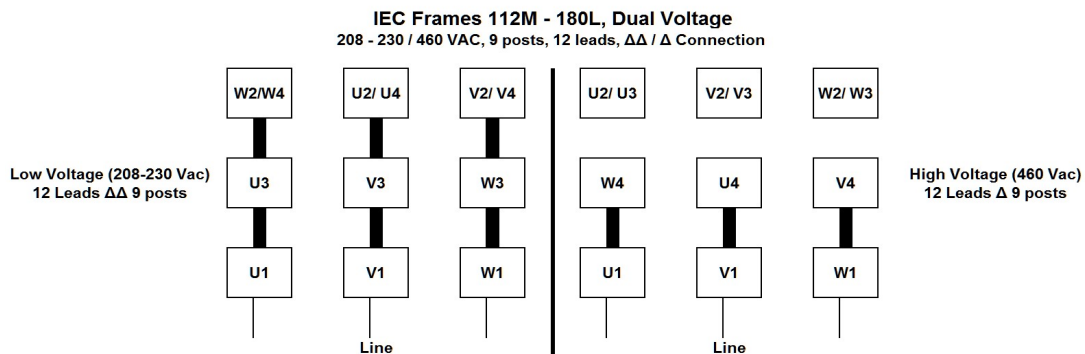
% Efficiency		% Power Factor		Torque			Protector Type	Winding Resist. Ω
Full Load:	89,5%	Full Load:	0,74	FLT ft.lbs	60Hz	50Hz		
3/4 Load:	88,2%	3/4 Load:	0,63	LRT %	200	200	PTC-150°C	-
1/2 Load:	86,2%	1/2 Load:	0,48	BDT %	210	210		

Rotor Inertia Wk2 Lb-Ft2	Max Load Inertia Wk2 Lb-Ft2	Shaft Material	Frame Material	DE Bracket Type	ODE Bracket Type	Mounting	Enclosure	Protection
-	-	Standard	Aluminum	Standard	Standard	B3	TEFC	IP55

Ball Bearings		Grease	Mount Type	Orientation	Cold Start (Secs)	Paint
DE	ODE					
6308ZZ-C3	6308ZZ-C3	Mobil PolyRexEM	Rigid	Horizontal	15	Red

Inverter Duty. Motor meets MG1 parts 31.4.4.2	Constant Torque Range	Variable Torque Range
	10:1	20:1

**WIRING CONNECTION DIAGRAM : C**





Date: **25 janvier, 2024**  
 Customer: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Submittee: **J.C. Lavallée**

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IEC Efficiency Level IE3											
HP	Kw	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Is/In	Insulation Class	Temp. Rise °C
5,50	4,10	230 / 460	1160	TEFC	132M	60	N	6	7,1	H	42

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	6,12	6,12	6,71	7,00	7,58	8,75	11,08
Torq ft/lbs	0	6,07	12,24	18,52	24,90	32,46	41,69
RPM	0	1190	1180	1170	1160	1112	1039
Eff %	0	64,5	86,2	88,2	89,5	87,2	80,1
PF %	0	33,8	48,0	62,5	74,0	76,2	77,7

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	540	900	1160	1200	S1	1,15	40°C	3,300 ft	-
Current (Amps)	53,82	43,05	30,14	7,58	6,12	<b>VFD Rating: Meets MG1 parts 31.4.4.2</b>				
Torque (ft-lbs)	49,80	42,33	52,29	24,90	0,0	CT :	10:1	VT :	20:1	

