

# MaxMotion

## IEC PERFORMANCE DATA SHEET IEC Efficiency Level IE3

Catalog #: **IJA132M-4-59**

HP	kW	Voltage	L.R. Amps	Efficiency	Power Factor	Service Factor	Frame	Design
10,00	7,46	575 / 990	73,64	91,7%	0,84	1,15	132M	N

60 Hz								
FLA							Is/In	F.L. RPM
208	230	333	460	575	796	990		
/	/	/	/	9,78	/	5,68	7,53	1750

50 Hz								
FLA						Efficiency	Is/In	F.L. RPM
190	380	400	415	660	725			
/	/	/	/	/	/	/	/	/

Wgt. Lbs	PH	Duty	Insul. Class	Ambient Temp.	Elevation	Temp. Rise° C
128,7	3	S1	H	40°C	1000 M	50

% Efficiency		% Power Factor		Torque			Protector Type	Winding Resist. Ω
Full Load:	91,7%	Full Load:	0,84	FLT ft.lbs	60Hz	50Hz		
3/4 Load:	91,3%	3/4 Load:	0,79	LRT %	238	/	PTC-150°C	1,304
1/2 Load:	90,2%	1/2 Load:	0,70	BDT %	261	/		

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

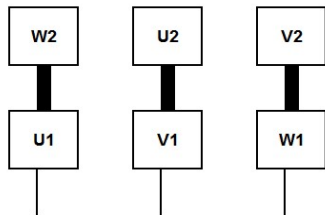
Ball Bearings		Grease	Mount Type	Orientation	Cold Start (Secs)	Paint
DE	ODE					
6308ZZ-C3	6308ZZ-C3	Mobil PolyRexEM	Rigid	Horizontal	15	Red

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

**WIRING CONNECTION DIAGRAM : D**

**IEC Frames 112M - 355L, Dual Voltage**  
575 / 990 VAC, 6 posts, 6 leads, Δ / Y Connection

Low Voltage (575Vac)  
6 Leads Δ 6 posts



Line

High Voltage (990Vac)  
6 Leads Y 6 posts



Line



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
10,00	7,46	575 / 990	1750	TEFC	132M	60	N	4	7,53	H	50

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	7,90	7,90	8,65	9,03	9,78	11,28	14,29
Torq ft/lbs	0	7,35	14,79	22,35	30,01	39,12	50,24
RPM	0	1788	1775	1763	1750	1678	1568
Eff %	0	67,5	90,2	91,3	91,7	89,3	82,1
PF %	0	38,4	70,0	79,1	84,0	86,5	88,2

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	810	1350	1750	1800	S1	1,15	40°C	3,300 ft	-
Current (Amps)	73,64	58,91	41,24	9,78	7,90	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	71,43	60,71	78,33	30,01	0,0	CT :	10:1	VT :	20:1	

