PERFORMANCE DATA SHEET
NEMA PREMIUM NR CAN NEMA 12 - 12

MEP

MaxMotion

Catalogue #: MQOP-88

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
150	111.90	460	1.15	95.4%	0.85	447T	B	1085

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
/	/	191.3	173	165.8	/	/	G	1190

50 Hz								
FLA			S.F. @ 50Hz		Efficiency	Power Factor	Code	F.L. RPM
190	380	415						
/	217	198.7	1.00		94.3%	0.83	E	985

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
1800	3	Cont.	F	40°C	1000M (3300 Ft)	< 80

% Efficiency		% Power Factor		Torque			
Full Load:	95.4%	Full Load:	0.85	Full Load Ft/Lbs	664.5	Winding Resist. Ω	Safe Cold Start (Secs)
3/4 Load:	95.0%	3/4 Load:	0.82	Locked Rotor %	150		
1/2 Load:	94.5%	1/2 Load:	0.74	Break Down %	250	0	20

Rotor Inertia Wk2 Lb-Ft2	Max Load Inertia Wk2 Lb-Ft2	Shaft Material	Frame Material	DE Bracket Type	ODE Bracket Type	Enclosure	NEMA Rating	Lead Wire Size
109.16	2170	Standard	Cast Iron	Standard	Standard	ODP	IP23	4AWG

Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
NU318	6318	Mobil PolyrexEm	Rigid	Horizontal	Green	86	98

Inverter Duty. Motor meets MG1 parts 31.4.4.2	Constant Torque Range	Variable Torque Range	Constant HP RPM	
	10:1	20:1	1800	

WIRING CONNECTION DIAGRAM : C

444T - 449T, Single Voltage, 6 Leads Connection

460 VAC 3 phase