

MaxMotion

PERFORMANCE DATA SHEET

Meets or exceeds MEPS, as described by the US DOE in docket 10CFR431 and NRCan's Amendment 14

Catalogue #: **MQSP-104NV**

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
1	0,75	230 / 460	1,15	86,7%	0,710	56C	B	15

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
3,36	3,04	/	1,52	/	/	/		

50 Hz								
FLA			S.F. @ 50Hz	Efficiency	Power Factor	Code	F.L. RPM	
190	380	415						1,00
3,7	1,83	/						

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
36	3	Cont.	F	40°C	1000M (3300 Ft)	70,6

% Efficiency		% Power Factor		Torque		Winding Resist. Ω	Safe Cold Start (Secs)
Full Load:	86,7%	Full Load:	0,71	Full Load Ft/Lbs	3,0		
3/4 Load:	85,0%	3/4 Load:	0,63	Locked Rotor %	373		
1/2 Load:	80,7%	1/2 Load:	0,50	Break Down %	493		

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
/	/	Stainless Steel				TENV	IP66	16AWG

Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
6205	6205	Sealed Bearings	Rigid	Horizontal	-	/	/

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

