

MaxMotion

PERFORMANCE DATA SHEET

Meets or exceeds MEPS (Minimum Efficiency Performance Standards), as described by the US Department of Energy in docket 10CFR431 and Natural Resources Canada's Amendment 14

Catalogue #: **MDRP-302CW**

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
3	2,24	208 / 416	1,15	86,5%	0,896	56HC	B	36

60 Hz								Code	F.L. RPM
FLA									
208	230	416	460	480	575	600			
8,00	/	4	/	/	/	/	L	3490	

50 Hz								
HP	kW	FLA		S.F. @ 50Hz	Efficiency	P.F.	Code	F.L. RPM
		190	380					
2,00	1,492	6,4	3,2	1,15	0,855	0,828	L	2870

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
42,00	3	Cont.	F	40°C	1000M (3300 Ft)	68

% Efficiency		% Power Factor		Torque		Winding Resist. Ω	Safe Cold Start (Secs)
Full Load:	86,5%	Full Load:	0,90	Full Load Ft/Lbs	4,5		
3/4 Load:	81,6%	3/4 Load:	0,80	Locked Rotor %	220		
1/2 Load:	66,7%	1/2 Load:	0,68	Break Down %	310	/	12

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
/	/	Steel	Rolled Steel	Aluminium Alloy		TEFC	IP55	14AWG

Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
6205	6203	Sealed Bearings	Rigid	Horizontal	Black	/	/

Inverter Duty.	Constant Torque Range	Variable Torque Range	Constant HP RPM
Motor meets MG1 parts 31.4.4.2	10:1	20:1	5400

