

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-304CW**

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
3	2,24	208 / 416	1,15	89,5%	0,780	56HC	B	36

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
8,84	/	4,42	/	/	/	/	L	1750

50 Hz								
HP	kW	FLA		S.F. @ 50Hz	Efficiency	P.F.	Code	F.L. RPM
		190	380					
1,50	1,119	9,7	4,85	1,15	0,885	0,75	L	1450

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
37,00	3	Cont.	F	40°C	1000M (3300 Ft)	78

% Efficiency		% Power Factor			Torque			
Full Load:	89,5%	Full Load:	0,79	Full Load Ft/Lbs		9,0	Winding Resist. Ω	Safe Cold Start (Secs)
3/4 Load:	84,3%	3/4 Load:	0,71	Locked Rotor %		260		
1/2 Load:	68,9%	1/2 Load:	0,63	Break Down %		330		
						/	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	2700

