



PERFORMANCE DATA SHEET

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

Catalogue #: **MPS-8024-S3**

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
1	0,75	575	1,15	85,5%	0,772	80	B	12

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
/	/	/	/	/	1,136	/	K	1750

50 Hz								
FLA			S.F. @ 50Hz	Efficiency	Power Factor	Code	F.L. RPM	
190	380	415						
/	/	/	/	/	/	/	/	

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
44	3	S3	F	40°C	1000M (3300 Ft)	55

% Efficiency		% Power Factor		Torque		Winding Resist. Ω	Safe Cold Start (Secs)
Full Load:	85,5%	Full Load:	0,77	Full Load Ft/Lbs	3,0		
3/4 Load:	82,0%	3/4 Load:	0,70	Locked Rotor %	260		
1/2 Load:	74,4%	1/2 Load:	0,56	Break Down %	300	/	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
/	/	Stainless Steel 304				TENV	IP66	/

Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
6204	6204	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	/

