

MaxMotion

PERFORMANCE DATA SHEET

Catalogue #: **MLR-124W**

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
0,5	0,37	230 / 460	1,15	72,0%	0,650	56	B	6

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
2,10	2	/	1	/	/	0		

50 Hz								
FLA			S.F. @ 50Hz	Efficiency	Power Factor	Code	F.L. RPM	
190	380	415						1,15
1,7	0,85	/						

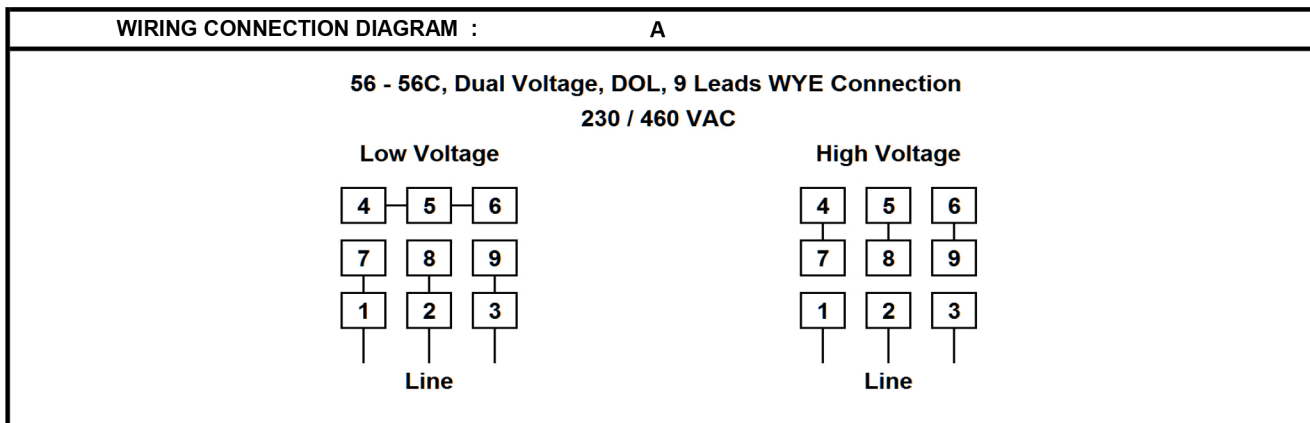
Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
23	3	Cont.	F	40°C	1000M (3300 Ft)	39

% Efficiency		% Power Factor		Torque		Winding Resist. Ω	Safe Cold Start (Secs)
Full Load:	72,0%	Full Load:	0,65	Full Load Ft/Lbs	1,5		
3/4 Load:	67,6%	3/4 Load:	0,59	Locked Rotor %	250		
1/2 Load:	55,5%	1/2 Load:	0,52	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
/	/	Stainless Steel				ODP	IP23	0

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

Inverter Duty. Motor meets MG1 parts 31.4.4.2	Constant Torque Range	Variable Torque Range	Constant HP RPM
	2:1	10:1	0,33



Date: 04/10/2018
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

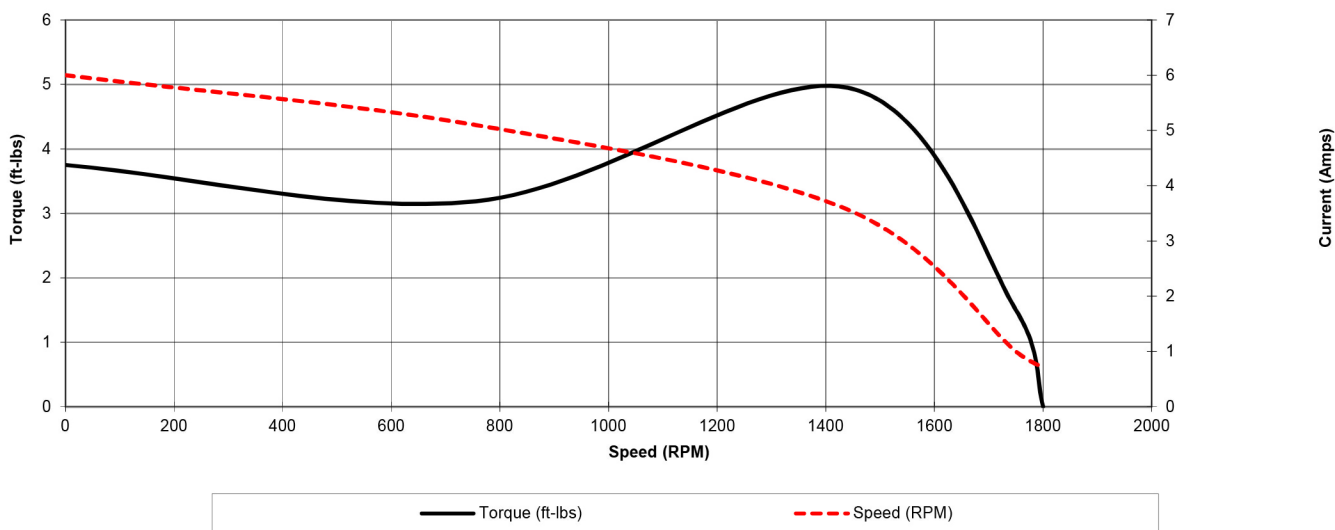
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HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
0,5	460	1750	ODP	56	60	B	4	L	F	39

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	0,71	0,76	0,81	0,88	1,00	1,25	1,50
Torq ft/lbs	0	0,37	0,74	1,12	1,50	1,89	2,28
RPM	0	1787,5	1775	1762,5	1750	1737,5	1725
Eff	0	34,22	55,51	67,63	72,00	70,61	68,60
PF	0	45,0	52	59	65,0	66,3	68,3

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	756	1440	1750	1800	Continuous	1,15	40°C	3,300 ft	/
Current (Amps)	6	5,1	3,6	1	0,71	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	3,75	3,19	4,95	1,50	0,0	C.T.	2:1	V.T.	10:1	

Motor Speed Data



Motor Load Data

