

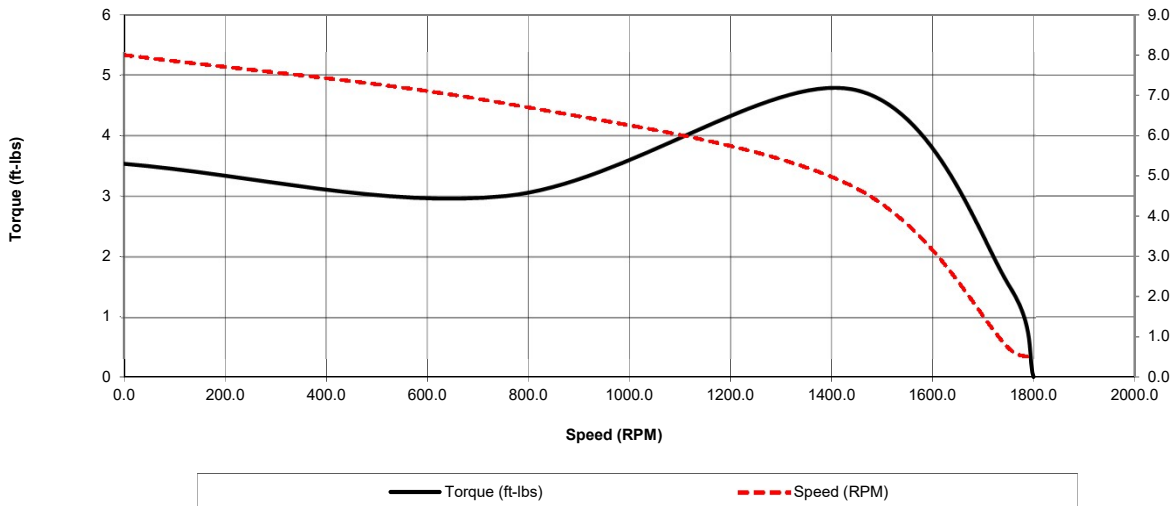
Date: 2020-03-10
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

Catalogue #: **MPR-124CH**

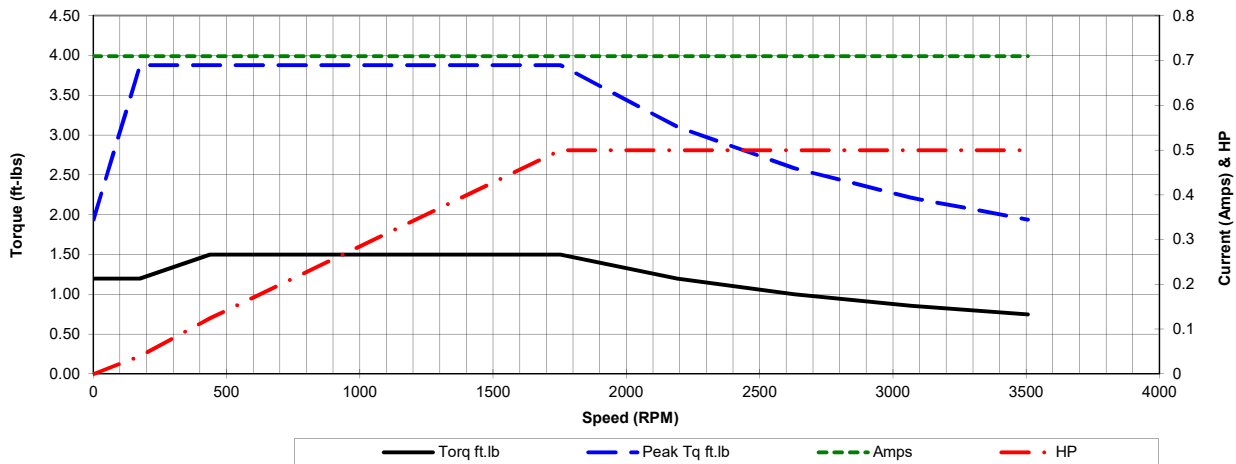
Meets or exceeds MEPS (Minimum Efficiency Performance Standards), as described by the US Department of Energy in docket 10CFR431 and Natural Resources Canada's Amendment 14

HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
0.5	575	1753	TEFC	56HC	60	B	4	L	F	30
	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
RPM	0	175.3	438.25	876.5	1314.75	1753	2191.25	2629.5	3067.75	3506
Torq ft.lb	1.20	1.20	1.50	1.50	1.50	1.50	1.20	1.00	0.86	0.75
Peak Tq ft.lb	1.94	3.88	3.88	3.88	3.88	3.88	3.10	2.59	2.22	1.94
HP	0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0.0	756	1440	1753	1800	Continuous	1.15	40°C	3,300 ft	54
Current (Amps)	8.0	6.8	4.8	0.7	0.5	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	3.5	3.0	4.8	1.5	0.0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



Motor Torque Capability vs RPM





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HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
0.5	575	1753	TEFC	56HC	60	B	4	L	F	30

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	0.54	0.55	0.58	0.61	0.71	0.89	1.07
Torq ft/lbs	0	0.37	0.74	1.12	1.50	1.89	2.28
RPM	0	1788.25	1776.5	1764.75	1753	1741.25	1729.5
Eff	0	37.83	68.93	83.32	77.10	74.95	72.81
PF	0	45.0	47	55	69.0	70.4	72.5

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBa @ 1M
Speed (RPM)	0	756	1440	1753	1800	Continuous	1.15	40°C	3,300 ft	54
Current (Amps)	8	6.8	4.8	0.71	0.537	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	3.54	3.00	4.76	1.50	0.0	C.T.	10:1	V.T.	20:1	

