

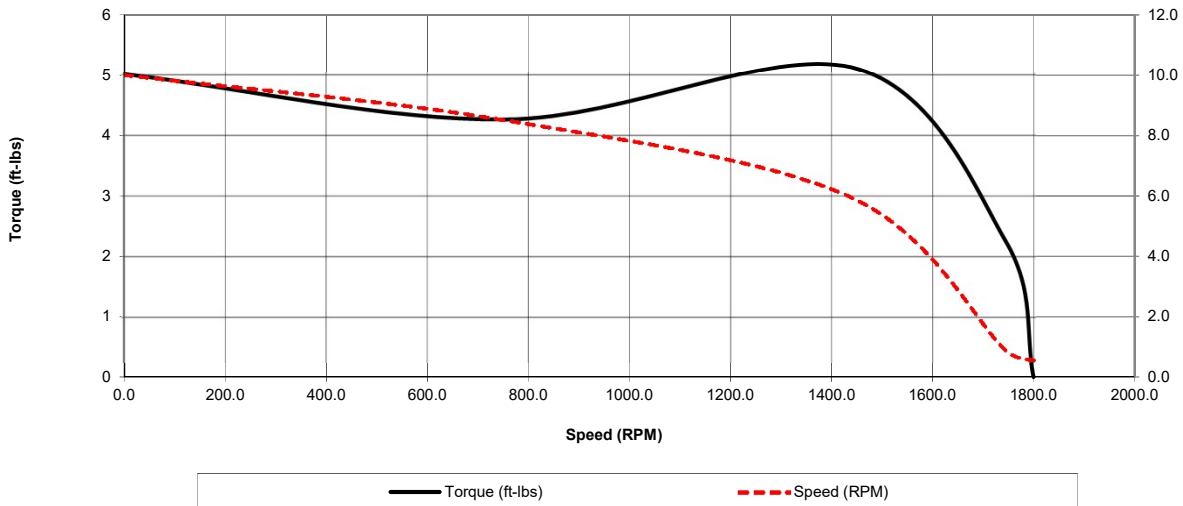
Date: 2020-03-10
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

Catalogue #: **MPR-344CH**

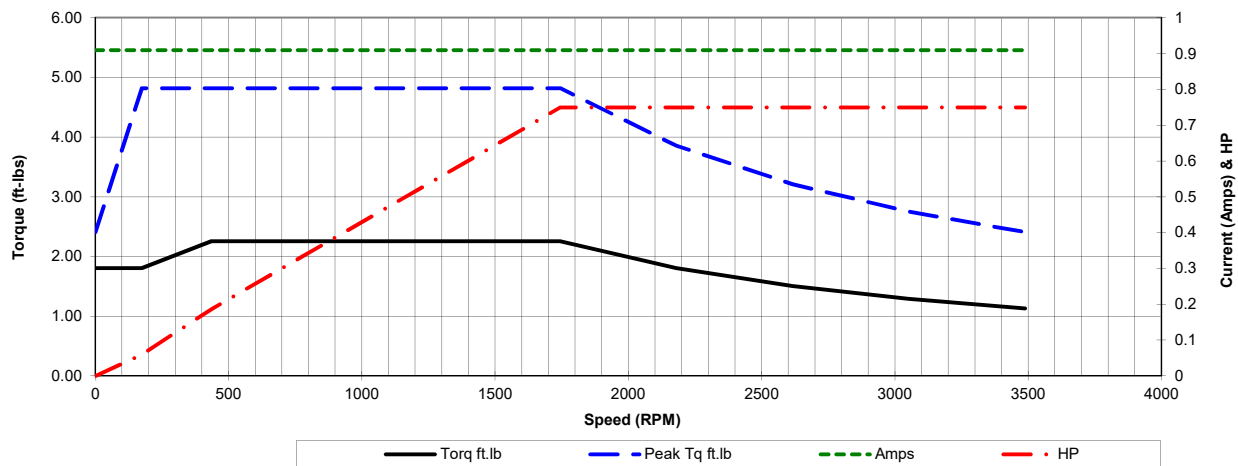
Meets or exceeds MEPS (Minimum Efficiency Performance Standards), as described by the US Department of Energy in docket 10CFR431 and Natural Resources Canada's Amendment 14

HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
0.75	575	1744	TEFC	56HC	60	B	4	L	F	49
	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
RPM	0	174.4	436	872	1308	1744	2180	2616	3052	3488
Torq ft.lb	1.81	1.81	2.26	2.26	2.26	2.26	1.81	1.51	1.29	1.13
Peak Tq ft.lb	2.41	4.82	4.82	4.82	4.82	4.82	3.86	3.21	2.76	2.41
HP	0	0.1	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0.0	756	1440	1744	1800	Continuous	1.15	40°C	3,300 ft	57
Current (Amps)	10.0	8.5	6.0	0.9	0.6	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft.-lbs)	5.0	4.3	5.1	2.3	0.0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



Motor Torque Capability vs RPM





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

Catalogue #: **MPR-344CH**

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
0.75	575	1744	TEFC	56HC	60	B	4	L	F	49

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	0.58	0.64	0.67	0.77	0.91	1.14	1.37
Torq ft/lbs	0	0.55	1.11	1.68	2.26	2.85	3.44
RPM	0	1786	1772	1758	1744	1730	1716
Eff	0	66.50	76.23	81.36	80.50	79.64	77.36
PF	0	33.0	55	67	76.0	77.5	79.8

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	756	1440	1744	1800	Continuous	1.15	40°C	3,300 ft	57
Current (Amps)	10	8.5	6.0	0.91	0.578	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	5.01	4.26	5.13	2.26	0.0	C.T.	10:1	V.T.	20:1	

