

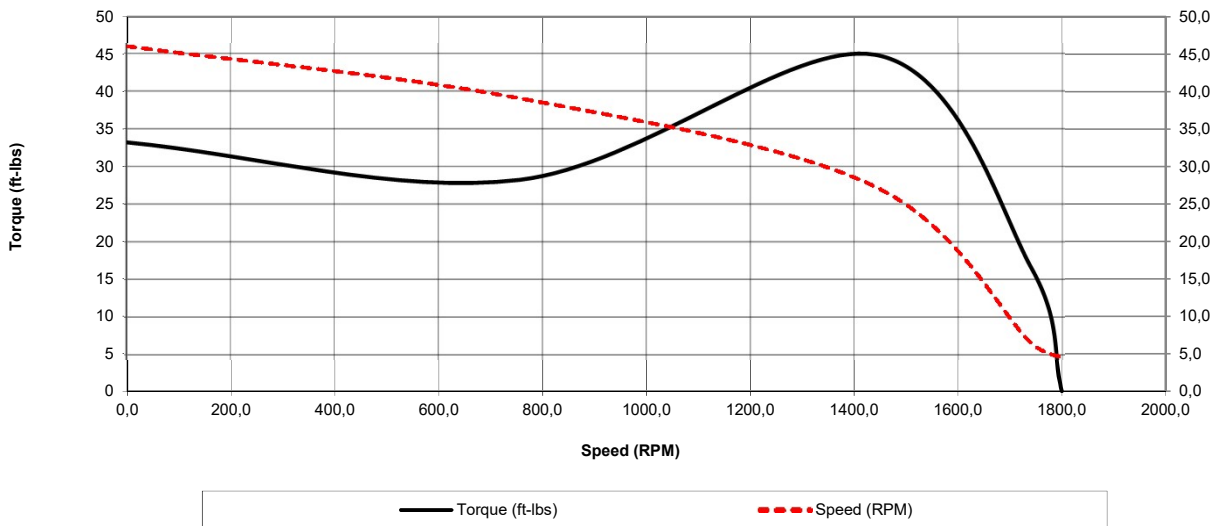
Date: 2019-01-29
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

Catalogue #: **MQSP-112M4FC**

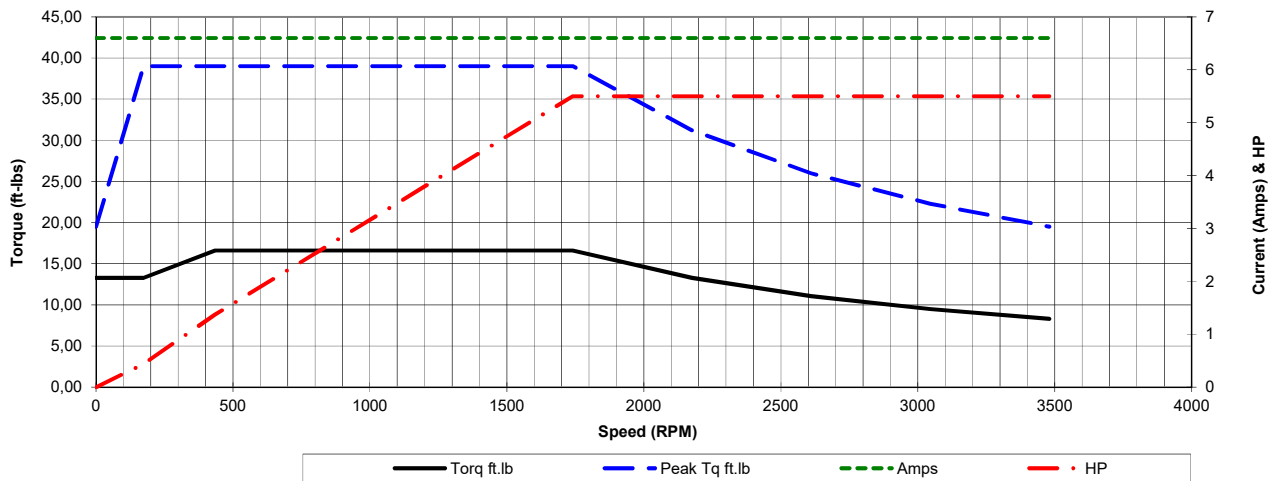
Meets or exceeds MEPS, as described by the US DOE in docket 10CFR431 and NRCan's Amendment 14

HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
5,5	460	1740	TEFC	112M	60	B	4	J	F	49
	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6
RPM	0	174	435	870	1305	1740	2175	2610	3045	3480
Torq ft.lb	13,28	13,28	16,60	16,60	16,60	16,60	13,28	11,07	9,49	8,30
Peak Tq ft.lb	19,51	39,01	39,01	39,01	39,01	39,01	31,21	26,01	22,29	19,51
HP	0	0,4	1,4	2,8	4,1	5,5	5,5	5,5	5,5	5,5
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBa @ 1M
Speed (RPM)	0,0	756	1440	1740	1800	Continuous	1,15	40°C	3,300 ft	/
Current (Amps)	46,0	39,1	27,4	6,6	4,7	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	33,2	28,2	44,8	16,6	0,0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



Motor Torque Capability vs RPM



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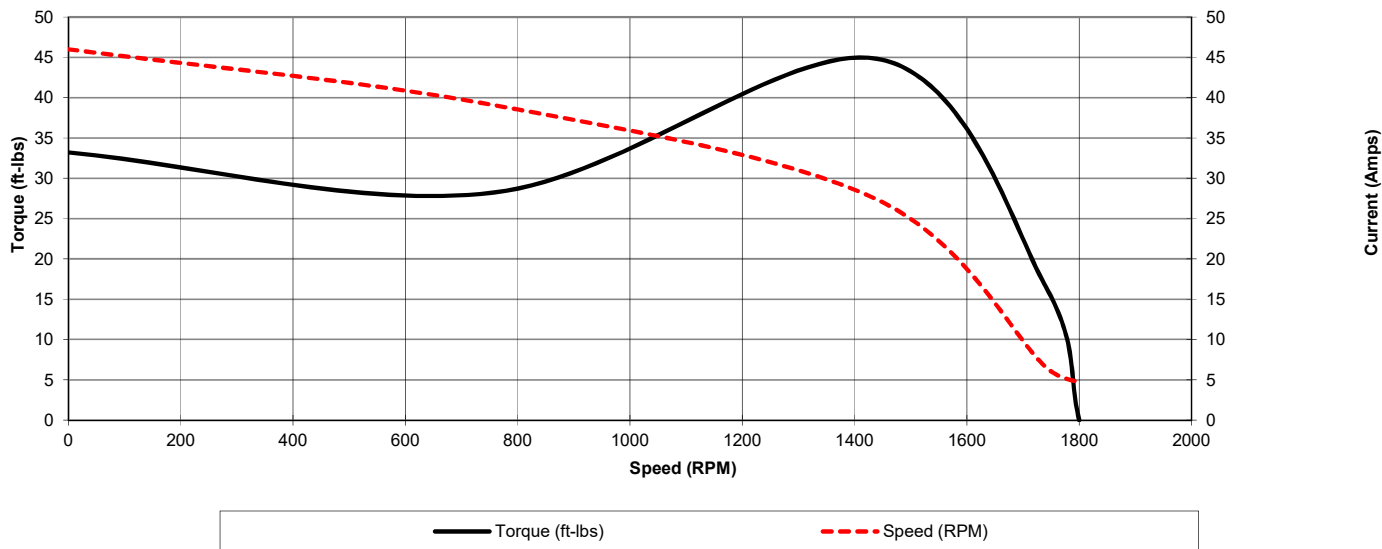
Meets or exceeds MEPS, as described by the US DOE in docket 10CFR431 and NRCAN's Amendment 14

HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
5,5	460	1740	TEFC	112M	60	B	4	J	F	49

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	4,69	5,02	5,35	5,81	6,60	8,25	9,90
Torq ft/lbs	0	4,05	8,16	12,34	16,60	20,93	25,34
RPM	0	1785	1770	1755	1740	1725	1710
Eff	0	78,22	89,20	90,01	89,50	87,93	85,42
PF	0	52,2	71,8272	81,9975	87,0	88,7	91,4

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	756	1440	1740	1800	Continuous	1,15	40°C	3,300 ft	/
Current (Amps)	46	39,1	27,4	6,6	4,686	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	33,20	28,22	44,82	16,60	0,0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



440T - 480T Dual Voltage DOL & Load WYE Connection

Motor Load Data

