

Date: 10/07/2018
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

Catalogue #: MQA-8

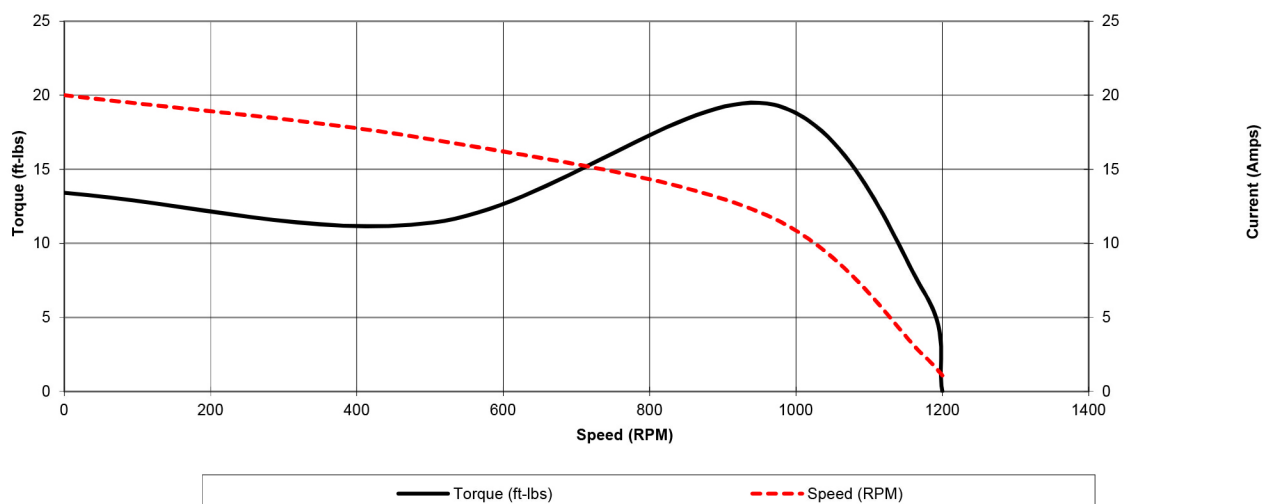
NEMA PREMIUM NR CAN NEMA 12 - 12

HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
1,5	460	1175	TEFC	182T	60	B	6	M	F	< 80

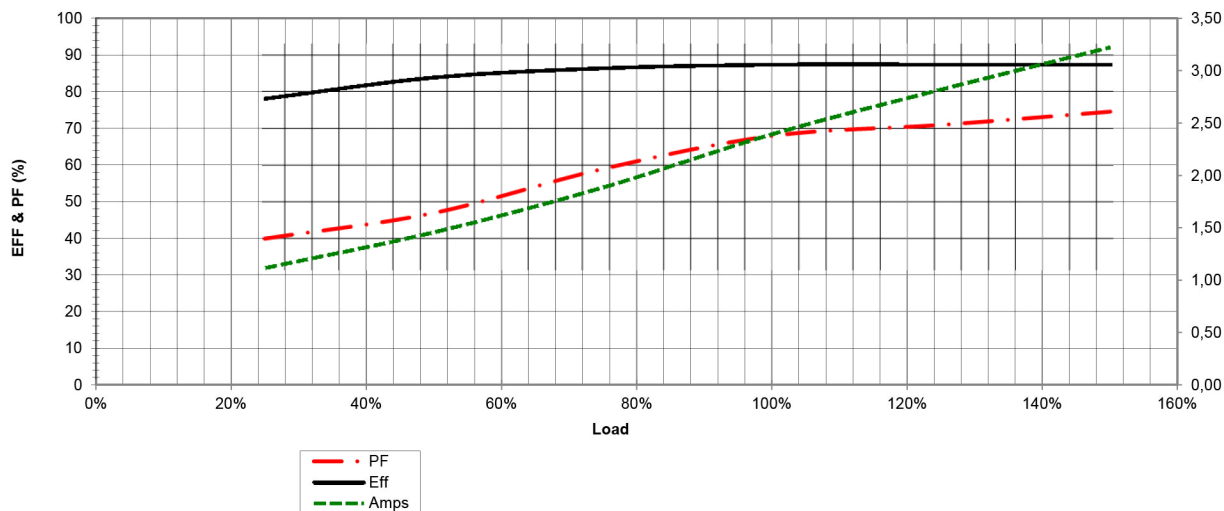
Load %	0%	25%	50%	75%	100%	125%	150%
Amps	1,08	1,12	1,46	1,89	2,40	2,83	3,23
Torq ft/lbs	0	1,65	3,32	5,00	6,70	8,43	10,17
RPM	0	1193,75	1187,5	1181,25	1175	1168,75	1162,5
Eff	0	78,20	84,00	86,50	87,50	87,50	87,50
PF	0	40	47	59	68	71	74,6

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	504	960	1175	1200	Continuous	1,25	40°C	3,300 ft	57
Current (Amps)	20	17,0	11,9	2,4	1,08	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	13,41	11,40	19,44	6,70	0,0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



Motor Load Data



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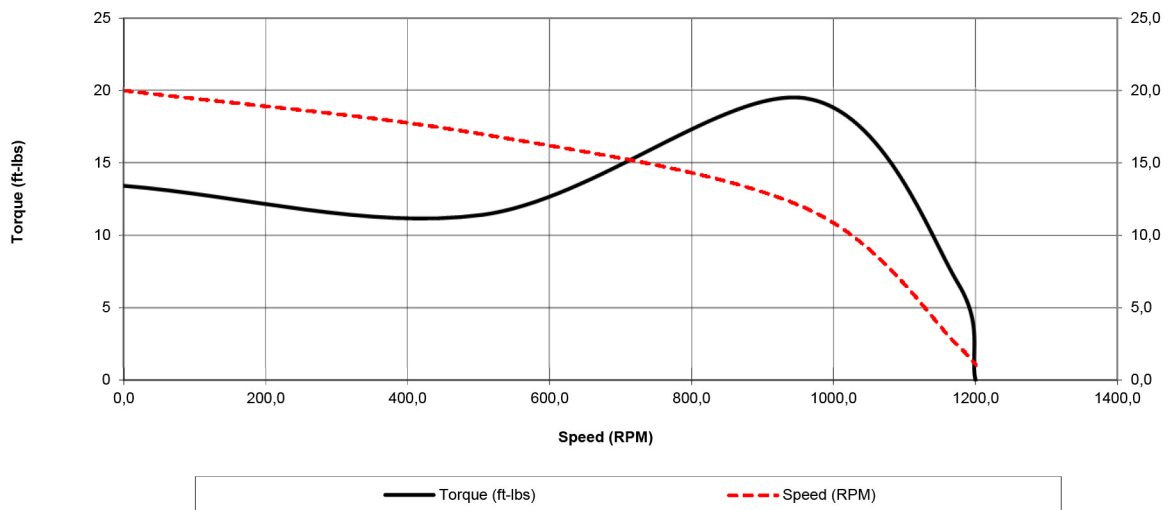
HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
1,5	460	1175	TEFC	182T	60	B	6	M	F	< 80
	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
RPM	0	117,5	293,75	587,5	881,25	1175	1468,75	1762,5	2056,25	2350
Torq ft.lb	5,36	6,70	6,70	6,70	6,70	6,70	5,36	4,47	3,83	3,35
Peak Tq ft.lb	8,21	16,43	16,43	16,43	16,43	16,43	13,14	10,95	9,39	8,21
HP	0	0,2	0,4	0,8	1,1	1,5	1,5	1,5	1,5	1,5

143T - 184T 575V Single Voltage DOL 3 Leads WYE Connection
 575 VAC 3 phase

Speed	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Current (	Continuous	1,25	40°C	3,300 ft	57
Torque (	VFD Rating: Meets MG1 parts 31.4.4.2				
	C.T.	10:1	V.T.	20:1	

1 2 3

Motor Speed Data



Motor Torque Capability vs RPM

