

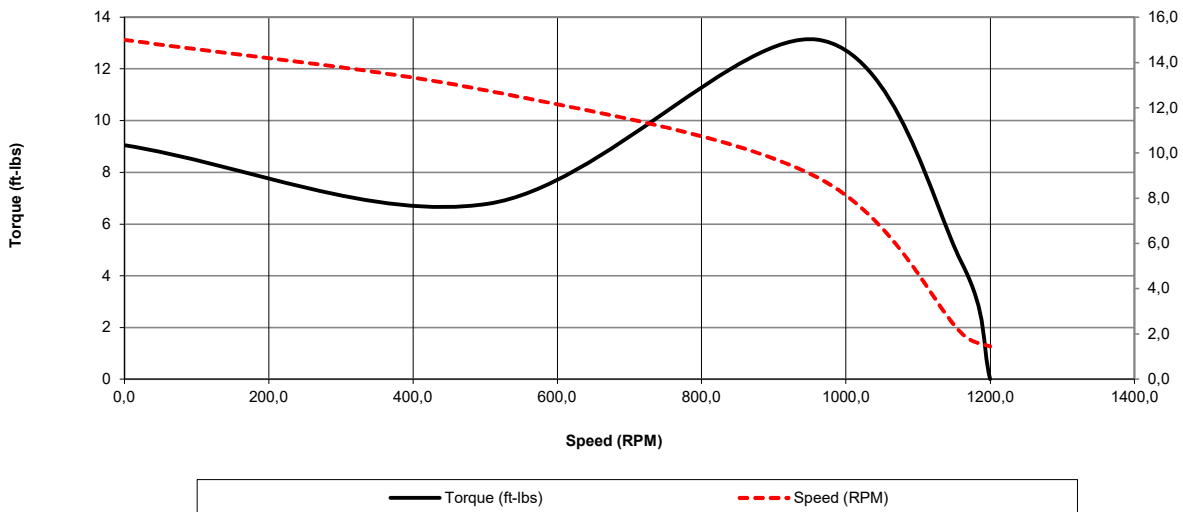


Date: 2024-10-24  
 Customer: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Submittee: J.C. Lavallée

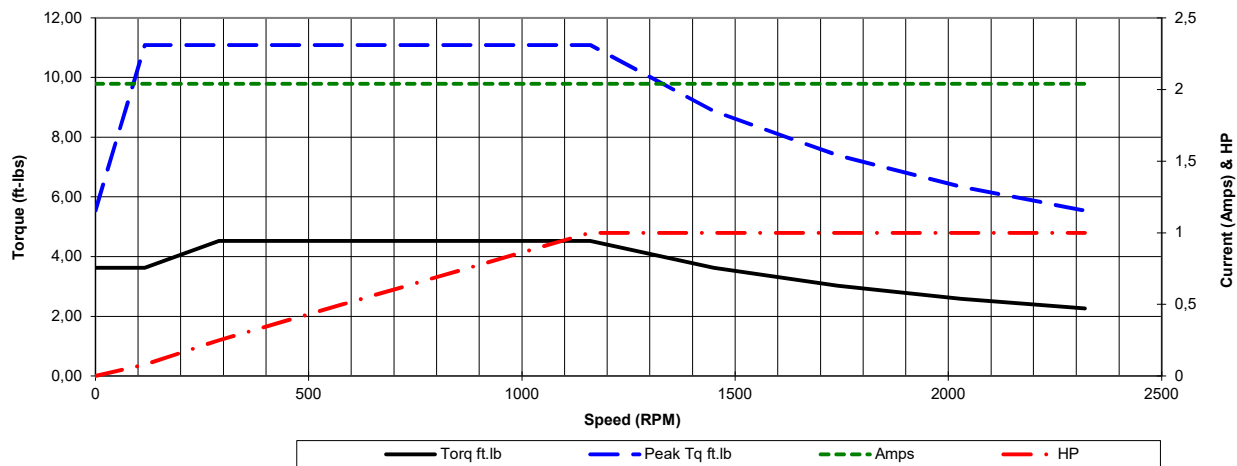
Catalogue #: MDP-3

NEMA PREMIUM NR CAN NEMA 12 - 12										
HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
1	416	1160	TEFC	145T	60 Hz	B	6	M	F	< 80
	0Hz	6Hz	15Hz	30Hz	45Hz	60 Hz	75Hz	90Hz	105Hz	120Hz
Amps	2,04	2,04	2,04	2,04	2,04	2,04	2,04	2,04	2,04	2,04
RPM	0	116	290	580	870	1160	1450	1740	2030	2320
Torq ft.lb	3,62	3,62	4,53	4,53	4,53	4,53	3,62	3,02	2,59	2,26
Peak Tq ft.lb	5,55	11,09	11,09	11,09	11,09	11,09	8,87	7,40	6,34	5,55
HP	0	0,1	0,3	0,5	0,8	1,0	1,0	1,0	1,0	1,0
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBa @ 1M
Speed (RPM)	0,0	504	960	1160	1200	Continuous	1,25	40°C	3,300 ft	55
Current (Amps)	15,0	12,8	8,9	2,0	1,4	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	9,1	6,8	13,1	4,5	0,0	C.T.	10:1	V.T.	20:1	VFD SF 1.00

Motor Speed Data



Motor Torque Capability vs RPM





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NEMA PREMIUM NR CAN NEMA 12 - 12										
HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
1	416	1160	TEFC	145T	60 Hz	B	6	M	F	< 80
Load %	0%	25%	50%	75%	100%	125%	150%			
Amps	1,45	1,55	1,65	1,85	2,04	2,47	2,89			
Torq ft/lbs	0	1,10	2,23	3,37	4,53	5,71	6,91			
RPM	0	1190	1180	1170	1160	1150	1140			
Eff	0	56,21	79,00	81,00	82,50	81,20	80,88			
PF	0	29,7	43	54	62	64,48	66,34			
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBa @ 1M
Speed (RPM)	0	504	960	1160	1200	Continuous	1,25	40°C	3,300 ft	55
Current (Amps)	15	12,8	8,9	2,04	1,4484	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	9,06	6,79	13,13	4,53	0,0	C.T.	10:1	V.T.	20:1	VFD SF 1.00

