PERFORMANCE DATA SHEET
NEMA PREMIUM NR CAN NEMA 12 - 12

Catalogue #: JMQPS-37

HP	kW	Voltage	S.F. @ 60Hz	EFF.	P.F.	Frame	Design	L.R. Amps
15	11,19	230/460	1,15	92,4%	0,844	254JM	B	116

60 Hz								
FLA							Code	F.L. RPM
208	230	416	460	480	575	600		
/	36	/	18	/	/	/	G	1765

50 Hz								
FLA			S.F. @ 50Hz		Efficiency	Power Factor	Code	F.L. RPM
190	380	415						
45,0	22,5	/	1,00		91,0%	0,83	G	1465

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
286	3	Cont.	F	40°C	1000M (3300 Ft)	48

% Efficiency		% Power Factor			Torque		
Full Load:	92,4%	Full Load:	0,84	Full Load Ft/Lbs	44,6	Winding Resist. Ω	Safe Cold Start (Secs)
3/4 Load:	93,0%	3/4 Load:	0,80	Locked Rotor %	185		
1/2 Load:	92,7%	1/2 Load:	0,67	Break Down %	230	0,7	12

Rotor Inertia Wk2 Lb-Ft2	Max Load Inertia Wk2 Lb-Ft2	Shaft Material	Frame Material	DE Bracket Type	ODE Bracket Type	Enclosure	NEMA Rating	Lead Wire Size
1,78	105	304SS	Stainless Steel			TEFC	IP69K	12AWG

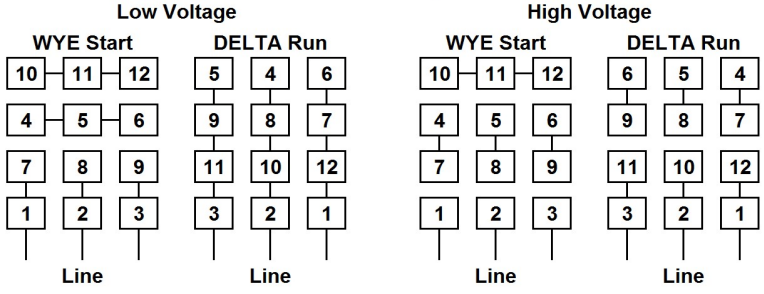
Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
6309	6309	Sealed Bearings	Foot	Horizontal	-	74	84

Inverter Duty. Motor meets MG1 parts 31.4.4.2	Constant Torque Range	Variable Torque Range	Constant HP RPM	
	10:1	20:1	2700	

WIRING CONNECTION DIAGRAM : B

213T - 405T, Dual Voltage, 12 Leads Connection

230 / 460 VAC 3 phase



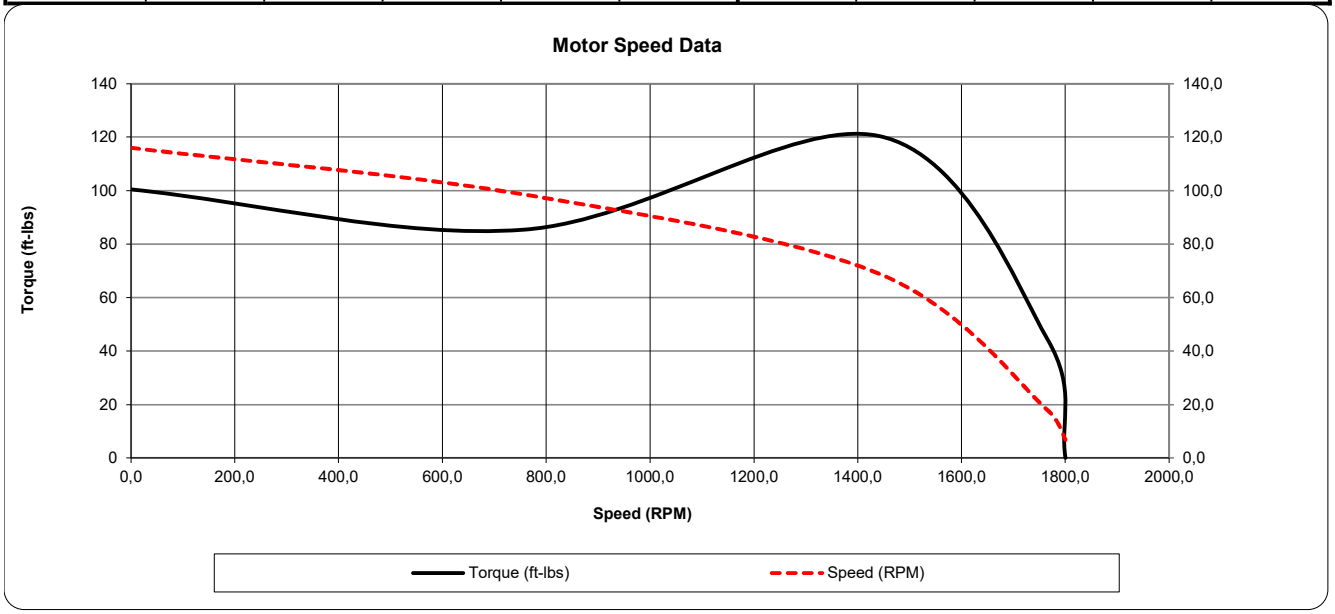
Date: 2025-05-22
Customer:
Contact:
Submittee: J.C. Lavallée

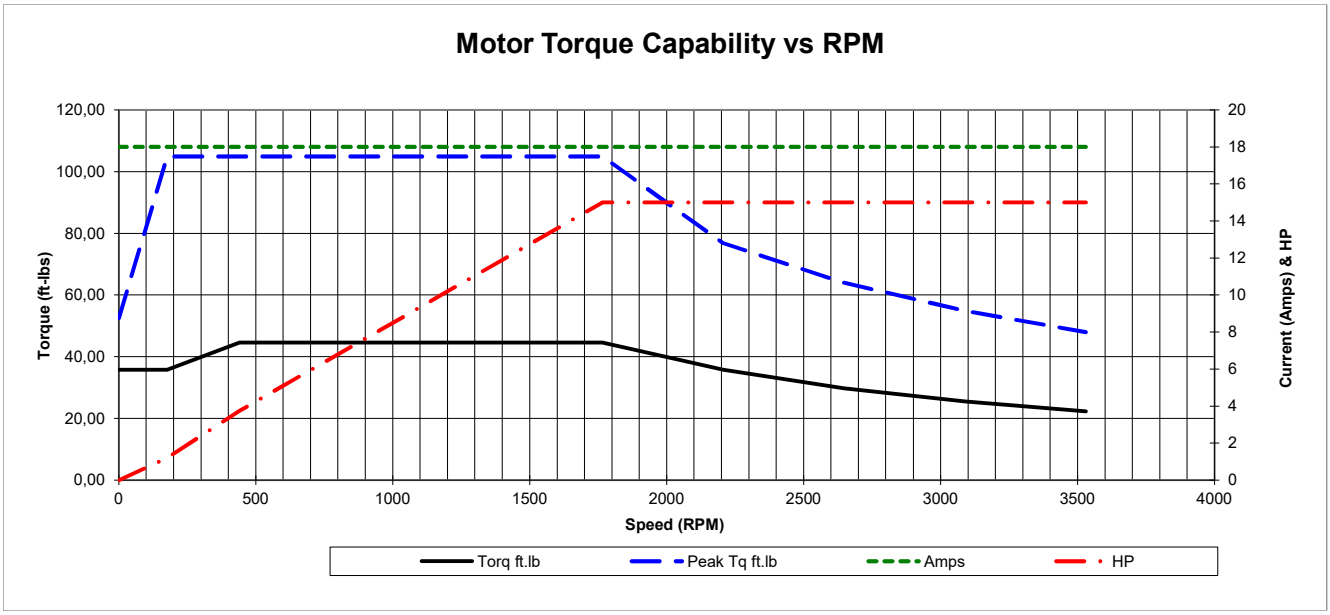
Catalogue #: JMQPS-37

NEMA PREMIUM NR CAN NEMA 12 - 12										
HP	**VAC**	**RPM**	**Enclosure**	**Frame**	**Frequency**	**Design**	**Poles**	**LR Code Letter**	**Insulation Class**	**Temp. Rise °C**
15	**460**	**1765**	**TEFC**	**254JM**	**60**	**B**	**4**	**G**	**F**	**48**

	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	18	18	18	18	18	18	18	18	18	18
RPM	0	176,5	441,25	882,5	1323,75	1765	2206,25	2647,5	3088,75	3530
Torq ft.lb	35,71	35,71	44,63	44,63	44,63	44,63	35,71	29,76	25,51	22,32
Peak Tq ft.lb	52,45	104,89	104,89	104,89	104,89	104,89	76,77	63,98	54,84	47,98
HP	0	1,2	3,8	7,5	11,3	15,0	15,0	15,0	15,0	15,0

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0,0	756	1440	1765	1800	Continuous	1,15	40°C	3,300 ft	74
Current (Amps)	116,0	98,6	69,0	18,0	6,8	**VFD Rating: Meets MG1 parts 31.4.4.2**				
Torque (ft-lbs)	100,4	85,4	120,5	44,6	0,0	C.T.	10:1	V.T.	20:1	





Date: 2025-05-22
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Submittee: J.C. Lavallée

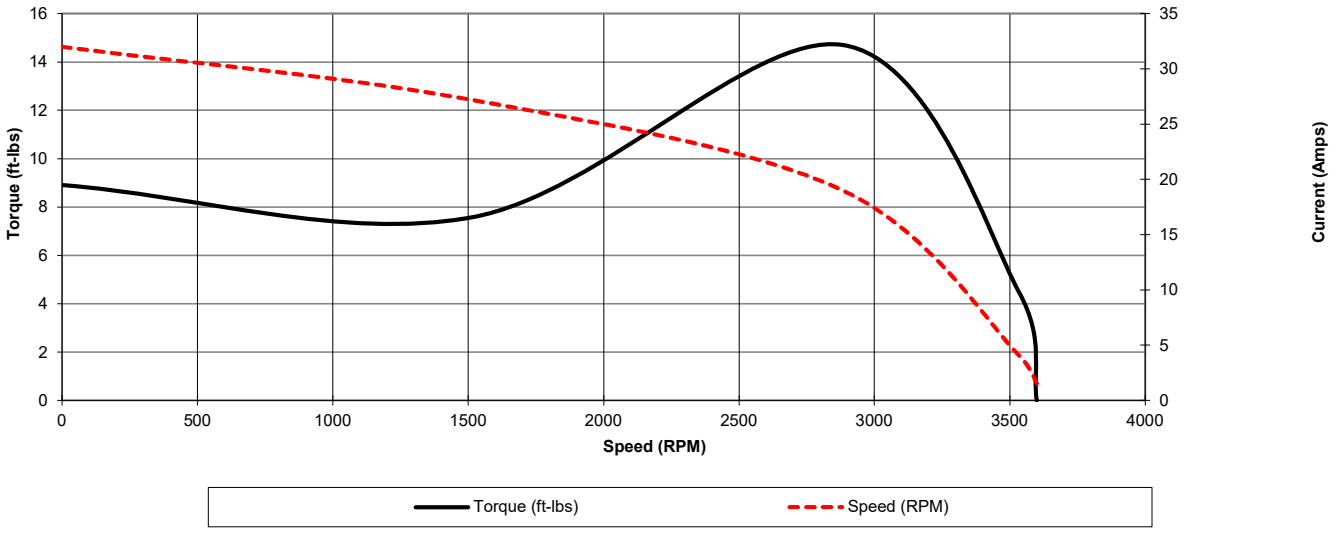
Catalogue #: JMQPS-16S

NEMA PREMIUM NR CAN NEMA 12 - 12										
HP	**VAC**	**RPM**	**Enclosure**	**Frame**	**Frequency**	**Design**	**Poles**	**LR Code Letter**	**Insulation Class**	**Temp. Rise °C**
3	**460**	**3535**	**TEFC**	**145JM**	**60**	**B**	**2**	**K**	**F**	**32**

Load %	**0%**	**25%**	**50%**	**75%**	**100%**	**125%**	**150%**
Amps	1,54	1,73	2,40	3,16	4,05	4,96	5,93
Torq ft/lbs	0	1,10	2,21	3,33	4,46	5,60	6,75
RPM	0	3583,75	3567,5	3551,25	3535	3518,75	3502,5
Eff	0	70,73	84,20	87,10	86,50	86,50	86,50
PF	0	52,1	67,1	78,5	80,2	81,8	82,2

	Locked Rotor	**Pull-Up**	**Breakdown**	**Rated Load**	**Idle**	**Duty**	**S. F.**	**Ambient**	**Elevation**	**dBA @ 1M**
Speed (RPM)	0	1512	2880	3535	3600	Continuous	1,15	40°C	3,300 ft	78
Current (Amps)	32	27,2	19,0	4,05	1,539	**VFD Rating: Meets MG1 parts 31.4.4.2**				
Torque (ft-lbs)	8,91	7,58	14,71	4,46	0,0	C.T.	10:1	V.T.	20:1	

Motor Speed Data



Motor Load Data