

Customer: **MET Inventory**

Model: **3B-1222452C**

Rev: **D**

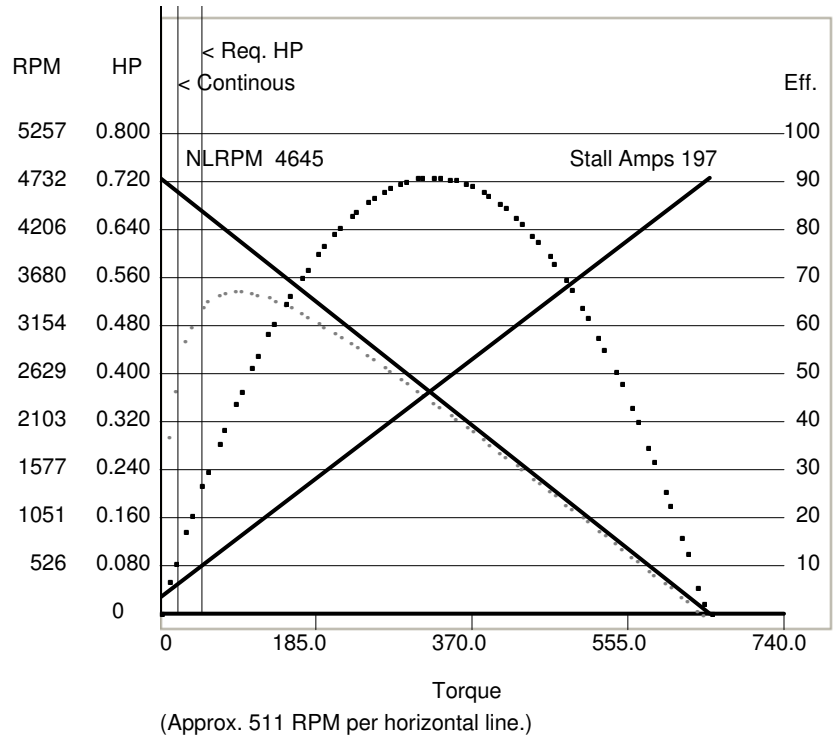
Designed by: **Kyle Larson**

Dwg #: 300002B03

**COLD** Magnet: **22** deg C Copper: **22** deg C

Stall Current: **185.3** Stall Torque: **651.9** Oz-in KT: **3.31** Oz-In/Amps KE: **2.71** Volts/KRPM Resistance: **.0399** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	4645	4.85	0	CONT.
.022	4	4585	5.7	23.7	2.5
.033	7	4567	6.5	31.5	2.2
.044	9	4549	7.2	37.7	2.
.055	12	4531	8.0	42.7	1.8
.066	14	4512	8.7	46.8	1.6
.077	17	4494	9.5	50.2	1.5
.088	19	4475	10.30	53.1	1.4
.099	22	4456	11.08	55.5	1.3
.110	25	4437	11.86	57.6	1.2
.121	27	4418	12.66	59.4	1.1
.132	30	4399	13.45	61.0	1.1
.143	32	4379	14.26	62.3	59 MIN.
.154	35	4360	15.07	63.5	53 MIN.
.165	38	4340	15.90	64.5	47 MIN.
.176	41	4320	16.73	65.4	43 MIN.
.187	43	4299	17.57	66.2	39 MIN.
.198	46	4279	18.41	66.9	35 MIN.
.209	49	4258	19.27	67.4	32 MIN.
<b>.220</b>	<b>52</b>	<b>4237</b>	<b>20.13</b>	<b>67.9</b>	<b>29 MIN.</b>



**HOT** Magnet: **70** deg C Copper: **100** deg C

Stall Current: **156.2** Stall Torque: **499.2** Oz-in KT: **3.00** Oz-In/Amps KE: **2.46** Volts/KRPM Resistance: **0.052** Ohms

HP	Torque	Speed	Amps	Eff	Notes:
NL	0	5119	4.85	0	
.022	4	5035	6.3	21.7	
.033	6	5012	7.0	29.1	
.044	8	4988	7.8	35.0	
.055	11	4964	8.5	39.9	
.066	13	4940	9.3	44.0	
.077	15	4916	10.10	47.4	
.088	18	4891	10.88	50.3	
.099	20	4866	11.67	52.7	
.110	22	4841	12.47	54.8	
.121	25	4816	13.27	56.7	
.132	27	4790	14.09	58.2	
.143	30	4764	14.92	59.6	
.154	32	4738	15.75	60.8	
.165	35	4711	16.60	61.8	
.176	37	4684	17.45	62.7	
.187	40	4657	18.32	63.5	
.198	43	4629	19.19	64.1	
.209	45	4601	20.08	64.7	
<b>.220</b>	<b>48</b>	<b>4573</b>	<b>20.99</b>	<b>65.2</b>	