

Customer: **MET Web Site Design Reference**

Model: **5A-2402036-ww1**

Rev: -

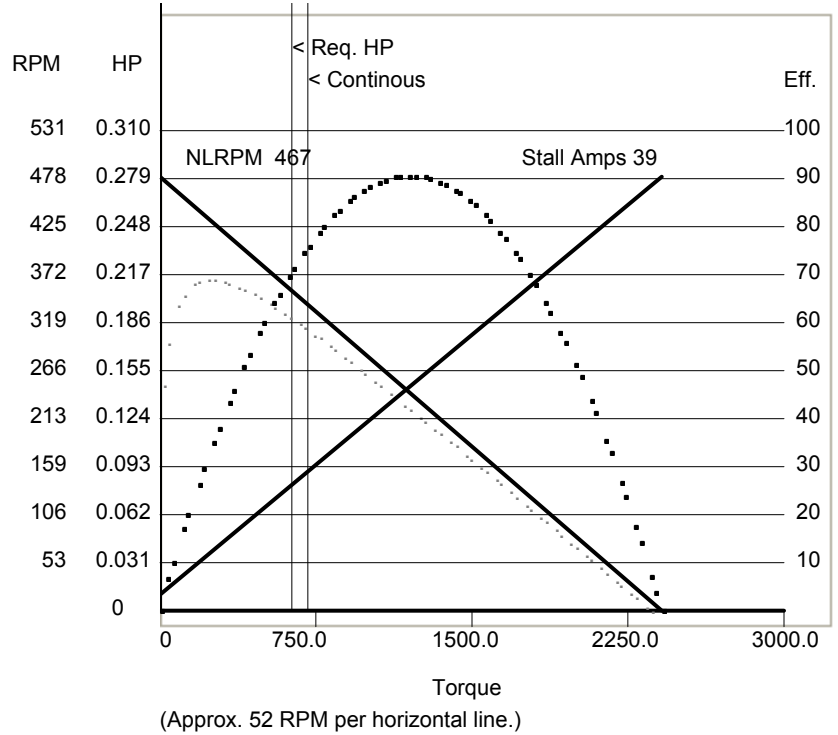
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **38.7** Stall Torque: **2414.0** Oz-in KT: **62.37** Oz-In/Amps KE: **51.12** Volts/KRPM Resistance: **.6692** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	467	.66	0	CONT.
.022	48	458	1.3	49.8	8.2
.033	73	453	1.7	57.8	6.4
.044	98	448	2.1	62.6	5.2
.055	125	443	2.6	65.7	4.3
.066	151	438	3.0	67.6	3.7
.077	179	433	3.4	68.9	3.2
.088	207	427	3.9	69.7	2.9
.099	236	422	4.3	70.1	2.6
.110	266	416	4.8	70.2	2.3
.121	297	410	5.3	70.1	2.1
.132	329	404	5.8	69.7	1.9
.143	362	397	6.4	69.3	1.8
.154	397	391	6.9	68.7	1.6
.165	433	384	7.5	67.9	1.5
.176	471	376	8.1	67.0	1.4
.187	511	368	8.8	66.0	1.3
.198	554	360	9.4	64.9	1.2
.209	599	351	10.21	63.6	1.1
.220	648	342	11.00	62.2	1.



HOT Magnet: **70** deg C Copper: **80** deg C

Stall Current: **31.7** Stall Torque: **1794.5** Oz-in KT: **56.66** Oz-In/Amps KE: **46.44** Volts/KRPM Resistance: **0.8194** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	514	.66	0
.022	44	502	1.4	47.6
.033	67	495	1.8	55.7
.044	90	488	2.2	60.5
.055	115	481	2.6	63.6
.066	140	474	3.1	65.5
.077	166	467	3.5	66.6
.088	193	459	4.0	67.2
.099	221	451	4.5	67.4
.110	250	443	5.0	67.3
.121	281	434	5.6	66.9
.132	313	425	6.1	66.3
.143	347	415	6.7	65.5
.154	383	404	7.4	64.4
.165	423	393	8.1	63.1
.176	465	381	8.8	61.6
.187	513	367	9.7	59.8
.198	567	352	10.67	57.7
.209	632	333	11.83	54.9
.220	720	308	13.38	51.1

Notes:

Performance specs provided are computer calculated values from MET's in-house motor design program. The data represents general performance characteristics the motor design typically produces. Data is subject to change without notice.