

Customer: **MET stock design**

Model: **3A-12102151**

Rev: **A**

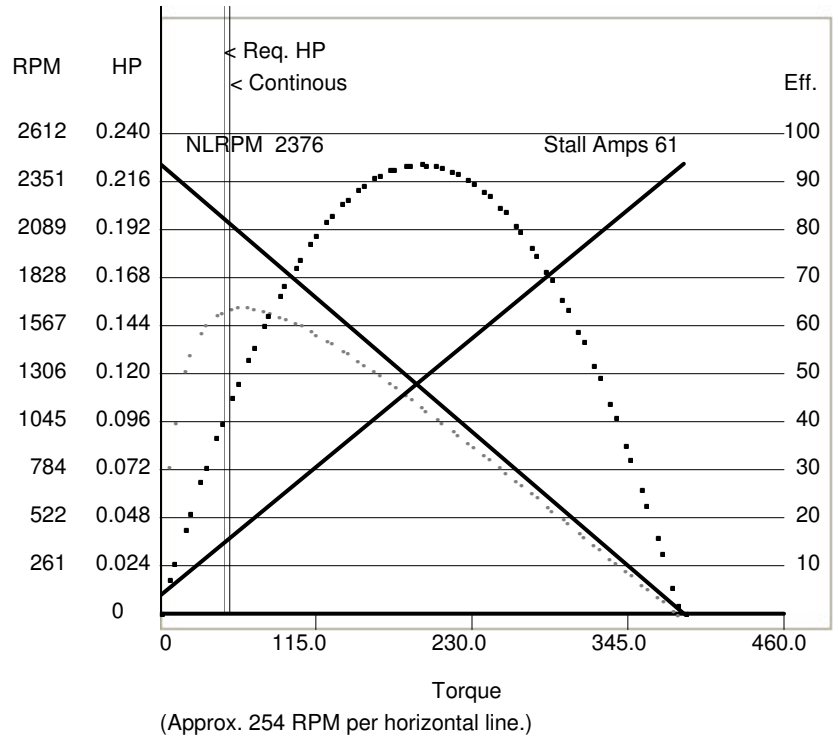
Designed by: **Kurt Witbeck**

Dwg #: 301-7000A-08

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

Stall Current: **56.2** Stall Torque: **386.3** Oz-in KT: **6.46** Oz-In/Amps KE: **5.29** Volts/KRPM Resistance: **.1905** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	2376	2.06	0	CONT.
.010	4	2334	2.4	25.2	4.1
.015	6	2320	2.8	33.2	3.6
.020	8	2306	3.1	39.4	3.2
.025	11	2292	3.5	44.3	2.9
.030	13	2278	3.8	48.3	2.7
.035	15	2264	4.2	51.6	2.4
.040	17	2249	4.5	54.3	2.2
.045	20	2234	4.9	56.6	2.1
.050	22	2220	5.3	58.4	1.9
.055	25	2204	5.7	60.0	1.8
.060	27	2189	6.0	61.3	1.7
.065	30	2173	6.4	62.5	1.6
.070	32	2158	6.8	63.4	1.5
.075	35	2141	7.2	64.1	1.4
.080	37	2125	7.6	64.8	1.3
.085	40	2108	8.1	65.3	1.3
.090	43	2091	8.5	65.7	1.2
.095	46	2074	8.9	66.0	1.1
.100	49	2056	9.3	66.2	1.1



HOT Magnet: **80** deg C Copper: **100** deg C

Stall Current: **44.3** Stall Torque: **270.6** Oz-in KT: **5.74** Oz-In/Amps KE: **4.71** Volts/KRPM Resistance: **0.2481** Ohms

HP	Torque	Speed	Amps	Eff	Notes:
NL	0	2672	2.06	0	
.010	3	2606	2.7	22.8	
.015	5	2586	3.0	30.3	
.020	7	2566	3.4	36.3	
.025	9	2546	3.7	41.1	
.030	12	2526	4.1	45.0	
.035	14	2505	4.5	48.3	
.040	16	2483	4.8	50.9	
.045	18	2461	5.2	53.1	
.050	20	2439	5.6	55.0	
.055	22	2417	6.0	56.5	
.060	25	2393	6.4	57.8	
.065	27	2370	6.8	58.8	
.070	30	2346	7.2	59.7	
.075	32	2321	7.7	60.3	
.080	35	2295	8.1	60.9	
.085	37	2269	8.6	61.2	
.090	40	2243	9.1	61.5	
.095	43	2215	9.5	61.6	
.100	46	2186	10.08	61.7	