

Customer: **MET_ Stock Design**

Model: **3A-13112251**

Rev: **B**

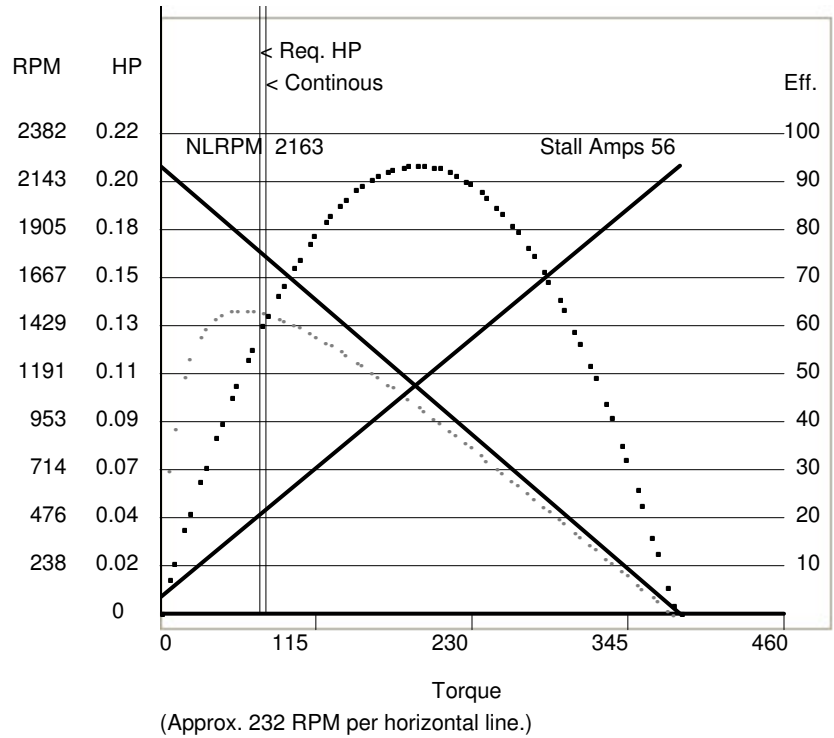
Designed by: **Terry Larson**

Dwg #: 301-0000A-02

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

Stall Current: **51** Stall Torque: **382** Oz-in KT: **7.00** Oz-In/Amps KE: **5.73** Volts/KRPM Resistance: **.2125** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	2163	1.8	0	CONT.
0.01	6	2114	2.6	30.6	3.9
0.02	9	2096	3.1	39.2	3.3
0.03	13	2078	3.6	45.5	2.9
0.03	16	2059	4.0	50.2	2.5
0.04	19	2040	4.5	53.8	2.3
0.05	23	2020	5.0	56.6	2.
0.05	26	2000	5.5	58.8	1.9
0.06	30	1980	6.0	60.5	1.7
0.07	33	1959	6.5	61.8	1.6
0.07	37	1938	7.1	62.9	1.4
0.08	41	1916	7.6	63.6	1.3
0.08	45	1893	8.2	64.2	1.2
0.09	49	1870	8.8	64.6	1.2
0.10	53	1847	9.4	64.8	1.1
0.10	58	1822	10.0	64.8	1.
0.11	62	1797	10.6	64.7	55 MIN.
0.12	67	1770	11.3	64.5	49 MIN.
0.12	71	1743	12.0	64.2	43 MIN.
0.13	76	1715	12.7	63.7	39 MIN.



HOT Magnet: **30** deg C Copper: **50** deg C

Stall Current: **47** Stall Torque: **343** Oz-in KT: **6.89** Oz-In/Amps KE: **5.65** Volts/KRPM Resistance: **0.2356** Ohms

HP	Torque	Speed	Amps	Eff	Notes:
NL	0	2234	1.8	0	
0.01	6	2178	2.6	30.7	
0.02	9	2158	3.1	39.3	
0.03	12	2137	3.5	45.6	
0.03	15	2116	4.0	50.4	
0.04	19	2094	4.5	54.0	
0.05	22	2072	5.0	56.9	
0.05	26	2050	5.5	59.1	
0.06	29	2027	6.0	60.8	
0.07	33	2003	6.5	62.1	
0.07	36	1979	7.0	63.1	
0.08	40	1954	7.6	63.8	
0.08	44	1928	8.2	64.3	
0.09	48	1901	8.8	64.5	
0.10	52	1874	9.4	64.7	
0.10	57	1845	10.0	64.6	
0.11	61	1815	10.7	64.4	
0.12	66	1784	11.4	64.1	
0.12	71	1752	12.1	63.6	
0.13	76	1718	12.8	63.0	