

Customer: **Typical Performance Ref (web)**

Model: **3A-A008202-ww1**

Rev: **A**

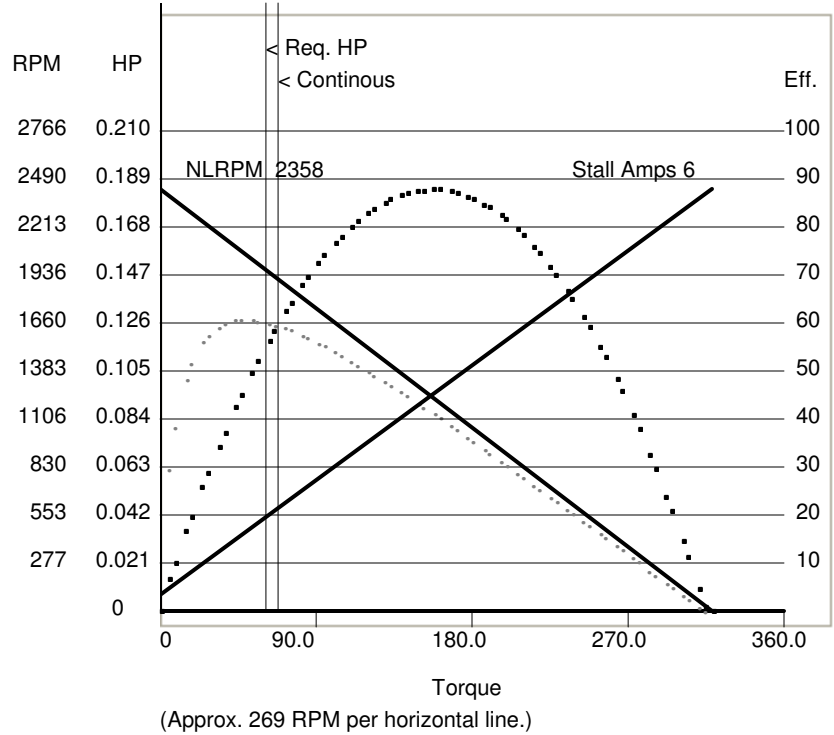
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **6.2** Stall Torque: **318.3** Oz-in KE: **42.10** Volts/KRPM Resistance: **17.4985** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	2358	.19	0	CONT.
.012	5	2300	.2	32.1	3.7
.018	7	2281	.3	40.5	3.1
.024	10	2261	.3	46.5	2.7
.030	13	2240	.4	51.0	2.3
.035	16	2220	.4	54.3	2.1
.041	18	2198	.5	56.8	1.9
.047	21	2177	.6	58.8	1.7
.053	24	2155	.6	60.3	1.5
.059	27	2132	.7	61.4	1.4
.065	31	2109	.7	62.3	1.3
.071	34	2085	.8	62.9	1.2
.077	37	2061	.9	63.3	1.1
.083	40	2036	.9	63.5	1.
.089	44	2010	1.0	63.6	56 MIN.
.094	48	1983	1.1	63.6	49 MIN.
.100	51	1956	1.1	63.4	43 MIN.
.106	55	1927	1.2	63.1	38 MIN.
.112	59	1897	1.3	62.7	34 MIN.
<b>.118</b>	<b>63</b>	<b>1867</b>	<b>1.4</b>	<b>62.3</b>	<b>30 MIN.</b>



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

Stall Current: **4.8** Stall Torque: **224.8** Oz-in KE: **38.24** Volts/KRPM Resistance: **22.7804** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	2599	.19	0
.012	4	2513	.3	29.8
.018	7	2484	.3	38.0
.024	9	2455	.4	43.9
.030	12	2426	.4	48.2
.035	14	2395	.5	51.5
.041	17	2364	.5	54.0
.047	20	2331	.6	55.8
.053	23	2298	.6	57.2
.059	26	2264	.7	58.2
.065	29	2228	.8	58.8
.071	32	2191	.8	59.2
.077	35	2152	.9	59.4
.083	39	2112	1.0	59.3
.089	43	2069	1.1	59.1
.094	47	2024	1.2	58.6
.100	51	1976	1.2	58.0
.106	55	1924	1.3	57.2
.112	60	1868	1.4	56.1
<b>.118</b>	<b>65</b>	<b>1806</b>	<b>1.6</b>	<b>54.8</b>

**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.