

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

Model: **3A-1209195-ww1**

Rev: -

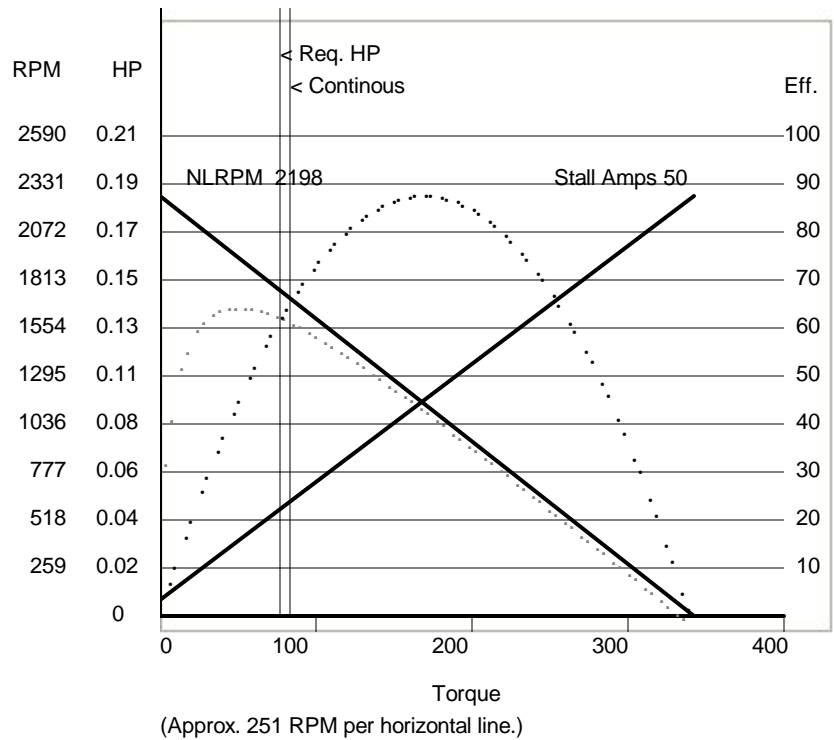
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **45** Stall Torque: **341** Oz-in KT: **7.00** Oz-In/Amps KE: **5.73** Volts/KRPM Resistance: **.2426** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	2198	1.5	0	CONT.
0.01	6	2142	2.2	36.6	4.1
0.02	9	2122	2.7	45.6	3.4
0.03	12	2101	3.1	51.9	2.9
0.03	16	2080	3.6	56.4	2.5
0.04	19	2058	4.1	59.7	2.2
0.05	23	2036	4.6	62.1	2.
0.05	26	2013	5.1	64.0	1.8
0.06	30	1990	5.6	65.3	1.6
0.07	33	1966	6.1	66.3	1.5
0.07	37	1942	6.6	67.0	1.4
0.08	41	1917	7.2	67.4	1.3
0.08	45	1890	7.8	67.6	1.2
0.09	49	1863	8.4	67.6	1.1
0.10	54	1836	9.0	67.5	1.
0.10	58	1807	9.6	67.2	53 MIN.
0.11	63	1776	10.3	66.7	46 MIN.
0.12	68	1745	11.0	66.2	41 MIN.
0.12	73	1711	11.7	65.5	36 MIN.
<b>0.13</b>	<b>78</b>	<b>1676</b>	<b>12.5</b>	<b>64.6</b>	<b>31 MIN.</b>



**HOT** Magnet: **65** deg C Copper: **85** deg C

Stall Current: **37** Stall Torque: **256** Oz-in KT: **6.42** Oz-In/Amps KE: **5.26** Volts/KRPM Resistance: **0.3017** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	2398	1.5	0
0.01	6	2320	2.3	34.4
0.02	9	2292	2.8	43.2
0.03	12	2264	3.3	49.4
0.03	15	2235	3.8	53.9
0.04	18	2205	4.2	57.1
0.05	21	2175	4.8	59.5
0.05	24	2143	5.3	61.2
0.06	28	2110	5.8	62.5
0.07	32	2076	6.4	63.3
0.07	35	2041	7.0	63.8
0.08	39	2004	7.6	64.0
0.08	43	1965	8.2	63.9
0.09	48	1924	8.9	63.6
0.10	52	1881	9.6	63.1
0.10	57	1835	10.4	62.4
0.11	62	1786	11.2	61.4
0.12	68	1732	12.1	60.3
0.12	74	1672	13.1	58.8
<b>0.13</b>	<b>82</b>	<b>1604</b>	<b>14.2</b>	<b>57.0</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.

**Caution:** Inrush currents greater than 112 Amps may weaken motor performance. A current limit control is recommended.