

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

Model: **3A-3605165-ww1**

Rev: \*

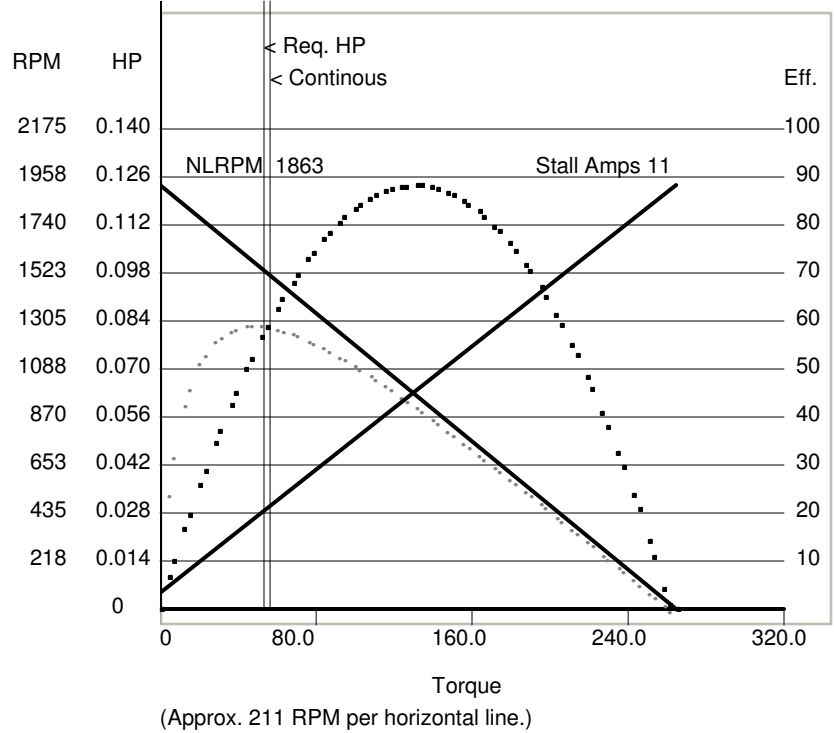
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **10.3** Stall Torque: **264.6** Oz-in KE: **19.85** Volts/KRPM Resistance: **3.4888** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	1863	.50	0	CONT.
.008	4	1814	.6	24.8	3.
.012	6	1798	.7	32.6	2.6
.016	9	1781	.8	38.6	2.3
.020	11	1765	.9	43.3	2.1
.024	14	1747	1.0	47.0	1.9
.028	16	1730	1.1	50.1	1.7
.032	19	1712	1.2	52.5	1.6
.036	21	1693	1.3	54.4	1.5
.041	24	1674	1.5	56.0	1.3
.045	27	1655	1.6	57.3	1.3
.049	30	1635	1.7	58.3	1.2
.053	32	1614	1.8	59.0	1.1
.057	35	1593	1.9	59.6	1.
.061	39	1572	2.1	59.9	55 MIN.
.065	42	1549	2.2	60.1	49 MIN.
.069	45	1526	2.3	60.2	43 MIN.
.073	48	1501	2.5	60.1	38 MIN.
.077	52	1476	2.6	59.9	34 MIN.
<b>.081</b>	<b>56</b>	<b>1449</b>	<b>2.8</b>	<b>59.6</b>	<b>30 MIN.</b>



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

Stall Current: **9.3** Stall Torque: **235.2** Oz-in KE: **19.55** Volts/KRPM Resistance: **3.8668** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	1933	.50	0
.008	4	1877	.6	24.7
.012	6	1859	.7	32.6
.016	8	1840	.8	38.7
.020	11	1821	.9	43.4
.024	13	1801	1.0	47.2
.028	16	1781	1.1	50.3
.032	18	1761	1.2	52.7
.036	21	1740	1.3	54.7
.041	23	1718	1.4	56.2
.045	26	1695	1.6	57.5
.049	29	1672	1.7	58.4
.053	32	1648	1.8	59.1
.057	35	1624	1.9	59.6
.061	38	1598	2.1	59.9
.065	41	1571	2.2	60.0
.069	45	1543	2.3	59.9
.073	48	1514	2.5	59.7
.077	52	1483	2.6	59.3
<b>.081</b>	<b>56</b>	<b>1450</b>	<b>2.8</b>	<b>58.8</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.