

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

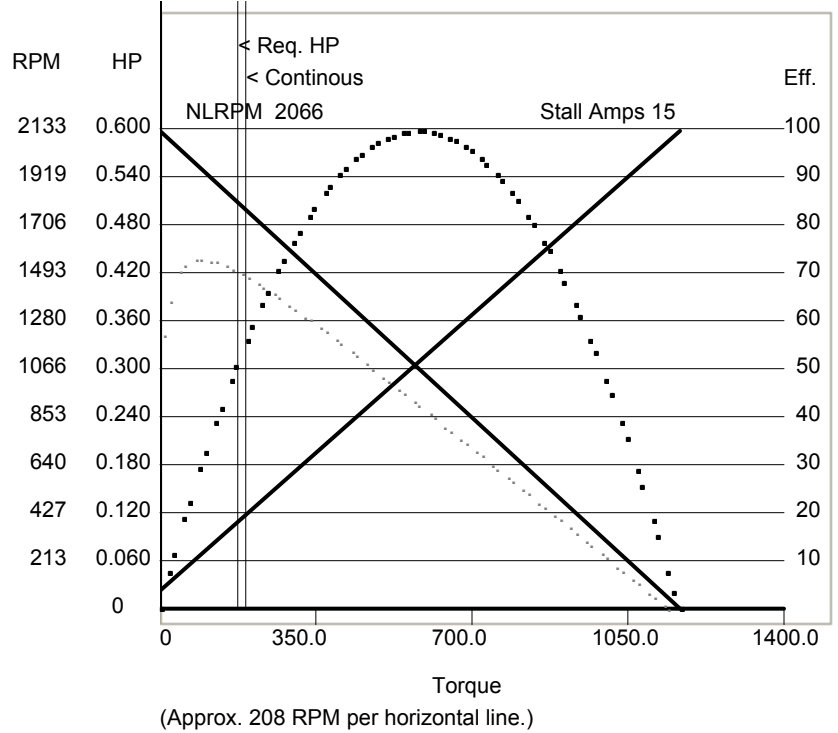
Model: **3K-C020192-ww1**  
Dwg #: 3407001K01

Rev: **A** Designed by: **Kyle Larson**

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

Stall Current: **15.5** Stall Torque: **1166.5** Oz-in KT: **75.38** Oz-In/Amps KE: **61.79** Volts/KRPM Resistance: **8.5076** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	2066	.13	0	CONT.
.031	15	2035	.3	55.6	5.4
.047	23	2021	.4	63.1	4.1
.062	31	2007	.5	67.6	3.3
.078	39	1992	.6	70.4	2.8
.093	47	1978	.7	72.2	2.4
.109	55	1963	.8	73.5	2.1
.124	64	1948	.9	74.3	1.8
.140	72	1933	1.0	74.8	1.6
.155	81	1917	1.2	75.1	1.5
.171	90	1902	1.3	75.3	1.3
.186	99	1886	1.4	75.3	1.2
.202	108	1869	1.5	75.1	1.1
.217	118	1853	1.6	74.9	1.
.233	127	1836	1.8	74.7	56 MIN.
.248	137	1818	1.9	74.3	49 MIN.
.264	147	1800	2.0	73.9	43 MIN.
.279	157	1782	2.2	73.4	38 MIN.
.295	168	1764	2.3	72.9	33 MIN.
<b>.310</b>	<b>179</b>	<b>1745</b>	<b>2.5</b>	<b>72.3</b>	<b>30 MIN.</b>



**HOT** Magnet: **70** deg C Copper: **80** deg C

Stall Current: **12.9** Stall Torque: **881.6** Oz-in KT: **68.48** Oz-In/Amps KE: **56.13** Volts/KRPM Resistance: **10.4172** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	2276	.13	0
.031	14	2234	.3	53.3
.047	21	2215	.4	61.1
.062	28	2197	.5	65.7
.078	35	2177	.6	68.6
.093	43	2158	.7	70.5
.109	51	2138	.8	71.7
.124	59	2118	1.0	72.5
.140	67	2097	1.1	73.0
.155	75	2076	1.2	73.2
.171	83	2054	1.3	73.2
.186	92	2032	1.4	73.1
.202	101	2009	1.6	72.9
.217	110	1986	1.7	72.5
.233	119	1961	1.8	72.1
.248	129	1937	2.0	71.6
.264	139	1911	2.1	71.0
.279	149	1885	2.3	70.3
.295	159	1857	2.4	69.5
<b>.310</b>	<b>170</b>	<b>1829</b>	<b>2.6</b>	<b>68.7</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.