

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

Model: **3A-B016555-ww1**

Rev: *

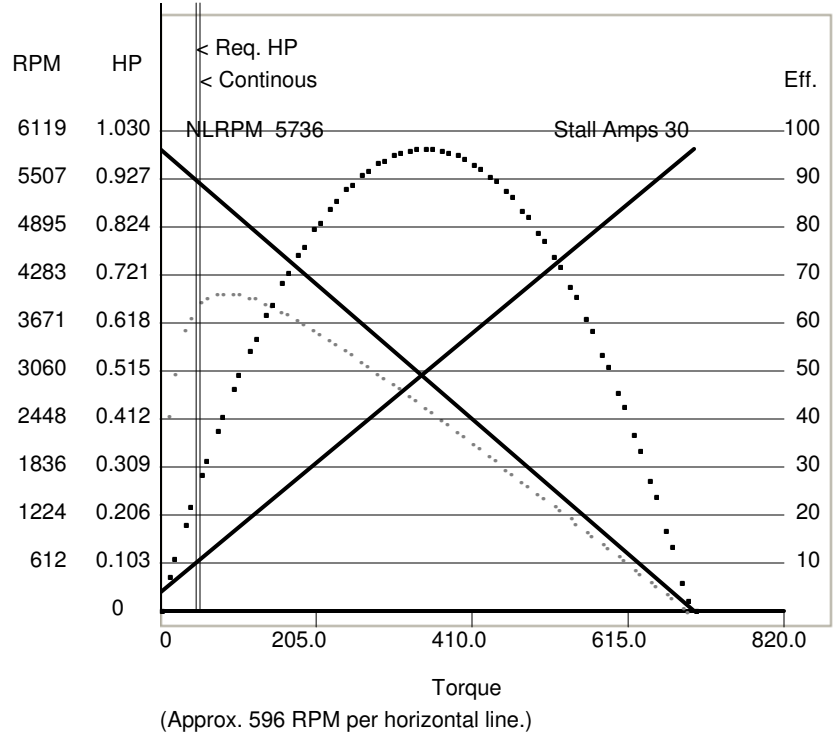
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **30.2** Stall Torque: **701.7** Oz-in KT: **23.27** Oz-In/Amps KE: **19.08** Volts/KRPM Resistance: **3.1997** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	5736	.57	0	CONT.
.026	4	5668	.6	25.6	3.7
.039	7	5649	.7	33.5	3.2
.052	9	5630	.8	39.6	2.9
.065	11	5610	.9	44.4	2.6
.078	14	5591	1.1	48.3	2.3
.091	16	5571	1.2	51.5	2.1
.104	18	5551	1.3	54.1	2.
.117	21	5532	1.4	56.4	1.8
.130	23	5511	1.5	58.3	1.7
.143	26	5491	1.6	59.9	1.6
.156	28	5471	1.7	61.3	1.5
.169	31	5450	1.8	62.5	1.4
.182	33	5430	1.9	63.5	1.3
.195	36	5409	2.0	64.4	1.2
.208	38	5388	2.1	65.2	1.2
.221	41	5366	2.2	65.9	1.1
.234	44	5345	2.3	66.5	1.1
.247	46	5324	2.5	67.0	1.
.260	49	5302	2.6	67.4	56 MIN.



HOT Magnet: **75** deg C Copper: **100** deg C

Stall Current: **24.5** Stall Torque: **512.1** Oz-in KT: **20.92** Oz-In/Amps KE: **17.15** Volts/KRPM Resistance: **4.1655** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	6383	.57	0
.026	4	6282	.7	23.0
.039	6	6256	.8	30.5
.052	8	6229	.9	36.4
.065	10	6202	1.0	41.1
.078	12	6175	1.1	45.0
.091	14	6148	1.2	48.2
.104	17	6121	1.3	50.9
.117	19	6093	1.4	53.2
.130	21	6065	1.6	55.1
.143	23	6037	1.7	56.8
.156	26	6008	1.8	58.2
.169	28	5979	1.9	59.4
.182	30	5950	2.0	60.5
.195	33	5920	2.1	61.4
.208	35	5891	2.2	62.2
.221	38	5860	2.3	62.9
.234	40	5830	2.5	63.5
.247	42	5799	2.6	64.0
.260	45	5768	2.7	64.4

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 14 Amps may weaken motor performance. A current limit control is recommended.