

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

Model: **3A-1210355-ww1**

Rev: -

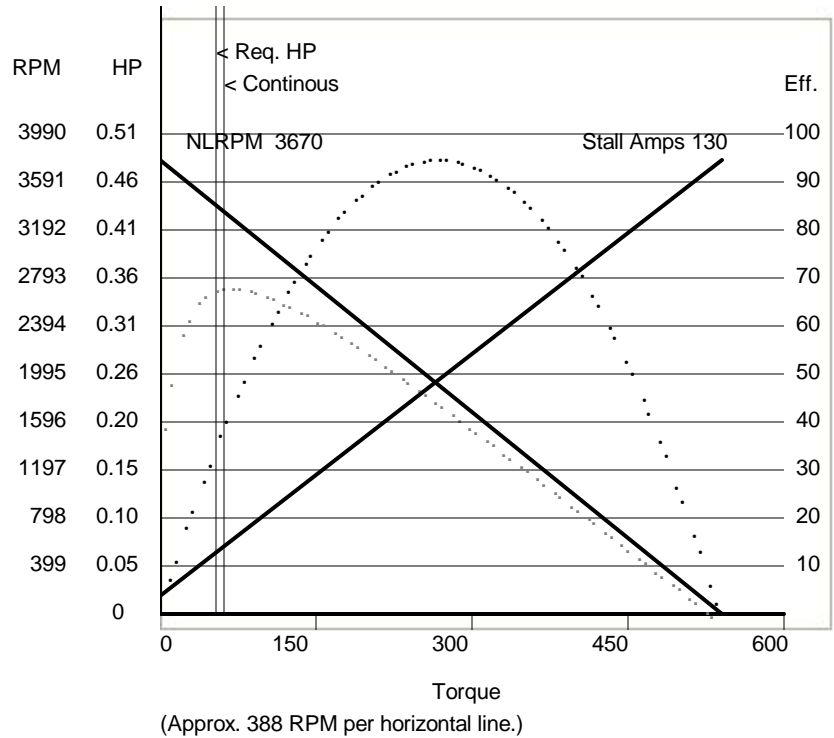
Designed by: **Kyle Larson**

Dwg #:

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

Stall Current: **121** Stall Torque: **540** Oz-in KT: **4.19** Oz-In/Amps KE: **3.44** Volts/KRPM Resistance: **.0802** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	3670	2.8	0	CONT.
0.02	5	3615	3.7	30.1	4.4
0.03	8	3597	4.3	38.8	3.8
0.04	10	3579	4.9	45.3	3.3
0.05	13	3561	5.6	50.3	2.9
0.05	15	3543	6.2	54.3	2.6
0.06	18	3525	6.8	57.5	2.4
0.07	21	3507	7.5	60.0	2.2
0.08	23	3488	8.1	62.2	2.
0.09	26	3469	8.8	63.9	1.9
0.10	29	3450	9.4	65.4	1.7
0.11	32	3431	10.1	66.6	1.6
0.12	35	3411	10.8	67.6	1.5
0.13	37	3391	11.4	68.4	1.4
0.14	40	3371	12.1	69.1	1.3
0.14	43	3351	12.8	69.7	1.3
0.15	46	3330	13.6	70.1	1.2
0.16	49	3310	14.3	70.5	1.1
0.17	52	3288	15.0	70.8	1.1
0.18	56	3267	15.8	71.0	1.



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

Stall Current: **103** Stall Torque: **416** Oz-in KT: **3.81** Oz-In/Amps KE: **3.12** Volts/KRPM Resistance: **0.0982** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	4043	2.8	0
0.02	5	3967	4.0	27.7
0.03	7	3944	4.7	36.1
0.04	9	3921	5.3	42.5
0.05	12	3897	5.9	47.5
0.05	14	3874	6.5	51.4
0.06	16	3850	7.2	54.6
0.07	19	3825	7.8	57.3
0.08	21	3801	8.5	59.4
0.09	24	3775	9.1	61.2
0.10	27	3750	9.8	62.7
0.11	29	3724	10.5	63.9
0.12	32	3698	11.2	64.9
0.13	35	3672	11.9	65.7
0.14	37	3644	12.6	66.4
0.14	40	3617	13.4	67.0
0.15	43	3589	14.1	67.4
0.16	46	3561	14.9	67.7
0.17	49	3532	15.6	67.9
0.18	52	3502	16.4	68.1

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.