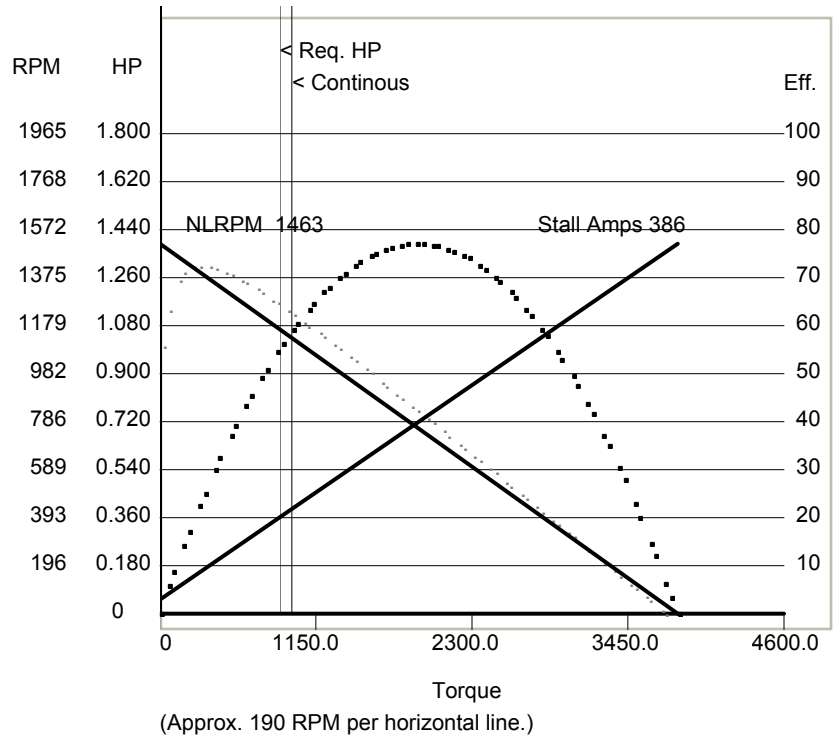


Customer: **MET Web Site Design Reference** Model: **5A-1207126-ww1** Rev: - Designed by: **Kyle Larson**
 Dwg #:

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

Stall Current: **382.7** Stall Torque: **3815.6** Oz-in KT: **9.97** Oz-In/Amps KE: **8.17** Volts/KRPM Resistance: **.0554** Ohms

HP	Torque	Speed	Amps	Eff	Duty
NL	0	1463	4.21	0	CONT.
.100	70	1435	10.86	57.2	6.6
.150	106	1422	14.49	64.4	5.
.200	143	1407	18.19	68.4	3.9
.250	180	1393	21.96	70.8	3.3
.300	219	1378	25.83	72.2	2.8
.350	258	1363	29.78	73.1	2.4
.400	299	1348	33.83	73.5	2.1
.450	340	1332	37.98	73.7	1.9
.500	383	1315	42.25	73.6	1.7
.550	426	1299	46.63	73.3	1.5
.600	472	1281	51.16	72.9	1.4
.650	518	1264	55.83	72.4	1.3
.700	566	1245	60.66	71.7	1.2
.750	616	1226	65.67	71.0	1.1
.800	668	1206	70.88	70.2	1.
.850	722	1185	76.32	69.2	53 MIN.
.900	779	1163	82.03	68.2	46 MIN.
.950	839	1140	88.04	67.1	39 MIN.
1.000	903	1116	94.40	65.9	34 MIN.



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

Stall Current: **351.0** Stall Torque: **3179.7** Oz-in KT: **9.06** Oz-In/Amps KE: **7.42** Volts/KRPM Resistance: **0.0843** Ohms

HP	Torque	Speed	Amps	Eff
NL	0	1611	4.21	0
.100	63	1578	11.26	55.2
.150	96	1561	14.90	62.6
.200	130	1544	18.62	66.8
.250	165	1526	22.43	69.3
.300	200	1508	26.34	70.8
.350	236	1490	30.35	71.7
.400	274	1471	34.47	72.1
.450	312	1452	38.70	72.3
.500	352	1432	43.07	72.2
.550	392	1411	47.59	71.8
.600	435	1389	52.26	71.4
.650	479	1367	57.12	70.7
.700	525	1344	62.17	70.0
.750	572	1320	67.45	69.1
.800	623	1294	72.99	68.1
.850	676	1267	78.84	67.0
.900	732	1239	85.04	65.8
.950	792	1208	91.69	64.4
1.000	857	1175	98.87	62.9

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.