Changzhou Goldenmotor Technology Co.,Ltd

YTK CO.,LTD.
Http://www.ytk-group.co.jp

Voltage: 48V
Power rated: 05KW
Tester: Liuzhipeng WangChao
Test Data: 2024.01.29

ProductName
Motor Type: 48V05KW
Number: EZkontrol

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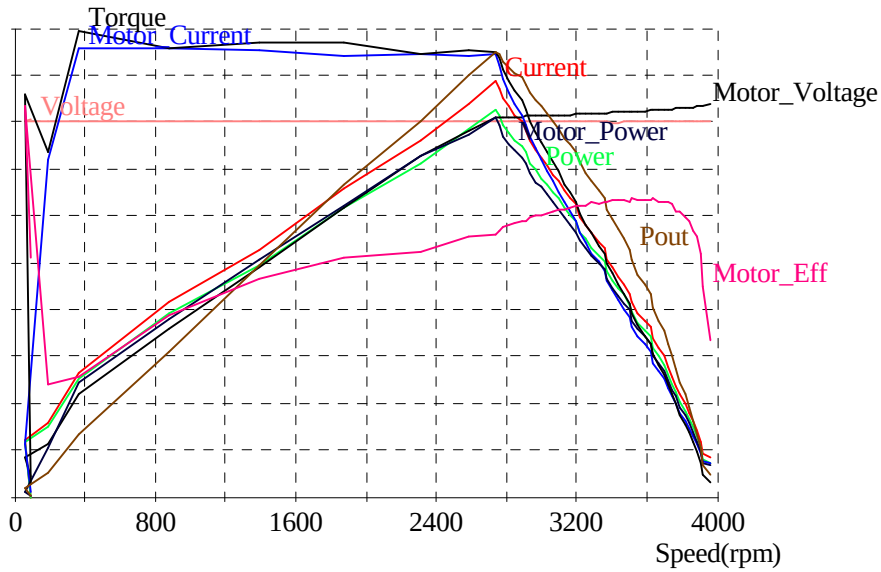
Voltage V	Current A	Power W	Motor_Voltage V	Motor_Current A	Motor_Power W	Torque N.m	Pout W	Motor_Eff %
60	300	15000	40	300	15000	35	10000	140
54	270	13500	36	270	13500	31.5	9000	126
48	240	12000	32	240	12000	28	8000	112
42	210	10500	28	210	10500	24.5	7000	98
36	180	9000	24	180	9000	21	6000	84
30	150	7500	20	150	7500	17.5	5000	70
24	120	6000	16	120	6000	14	4000	56
18	90	4500	12	90	4500	10.5	3000	42
12	60	3000	8	60	3000	7	2000	28
6	30	1500	4	30	1500	3.5	1000	14
0	0	0	0	0	0	0	0	0



State	输入电压	输入电流	输入功率	电机电压	电机电流	电机功率	电机功率因数	电机频率	转矩	转速	输出功率	控制器效率	电机效率	总效率	时间
	V	A	W	V	A	W		Hz	N.m	rpm	W	%	%	%	S
No_Load	48.04	25.57	1052	33.46	21.27	987.7	0.799	265.99	1.11	3966.0	460.9	93.9	46.7	43.8	0.000
Rated															
Eff_max	48.01	129.5	6127	32.86	115.0	5964	0.909	233.35	14.36	3499.4	5261	97.3	88.2	85.9	26.29
Pout_max	48.02	265.8	12405	32.36	282.9	12122	0.763	182.62	33.20	2734.7	9507	97.7	78.4	76.6	61.39
Torque_max	47.99	79.07	3776	8.848	286.9	3675	0.833	38.10	34.83	362.0	1320	97.3	35.9	35.0	69.81
End	48.43	0.000	0.000	1.783	2.814	11.95	1.000	0.00	0.90	90.4	8.518	0.0	71.3	0.0	74.02