Changzhou Goldenmotor Technology Co.,Ltd

Customer:		Voltage:	72V
ProductName	HPM Motor	Power rated:	10KW
Motor Type:	72V10KW	Tester:	Liuzhipeng WangChao
Number:		Test Data:	2023.9.14

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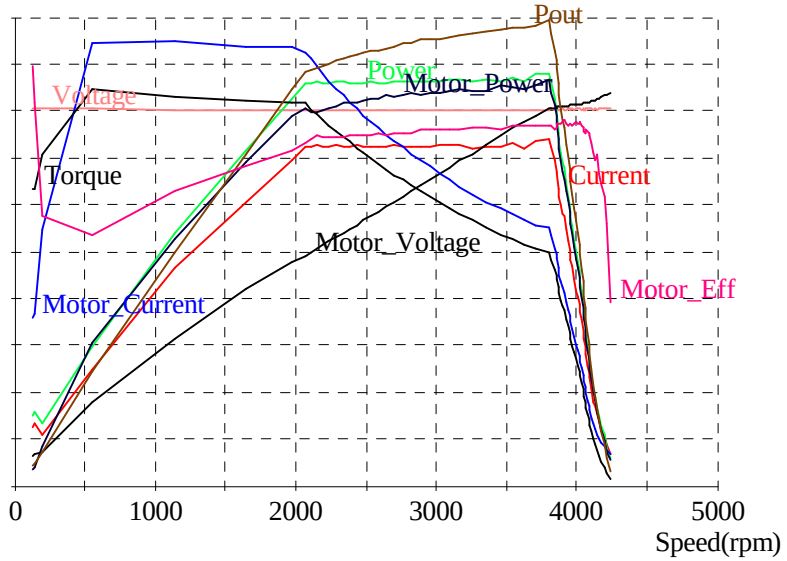
Voltage V	Current A	Power W	Motor_Voltage V	Motor_Current A	Motor_Power W	Torque N.m	Pout W	Motor_Eff %
90	250	15000	60	300	15000	60	12000	120
81	225	13500	54	270	13500	54	10800	108
72	200	12000	48	240	12000	48	9600	96
63	175	10500	42	210	10500	42	8400	84
54	150	9000	36	180	9000	36	7200	72
45	125	7500	30	150	7500	30	6000	60
36	100	6000	24	120	6000	24	4800	48
27	75	4500	18	90	4500	18	3600	36
18	50	3000	12	60	3000	12	2400	24
9	25	1500	6	30	1500	6	1200	12
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	72.34	16.72	874.9	50.32	20.72	816.0	0.453	357.96	0.86	4243.5	382.1	93.3	46.8	43.7	0.000
Rated															
Eff_max	72.27	157.9	11310	48.49	139.8	11116	0.947	258.16	25.46	3870.8	10318	98.3	92.8	91.2	63.40
Pout_max	72.25	184.7	13205	48.34	165.4	12979	0.937	253.59	29.98	3802.1	11934	98.3	92.0	90.4	73.46
Torque_max	72.31	62.28	4478	10.75	282.9	4550	0.865	38.62	50.70	548.6	2912	101.6	64.0	65.0	135.8
End	72.33	31.41	2222	3.850	107.7	496.5	0.674	14.78	38.07	133.8	533.3	22.4	107.4	24.0	141.9