



电机参数 Motor Data

电机型号	Motor model		SME6013348H		
1	额定电压	Nominal voltage	VT	48	VDC
2	空载转速	No load speed	Wnl	3400	rpm
3	空载电流	No load current	InI	0.5	A
4	额定转速	Nominal speed	Wc	3100	rpm
5	额定转矩	Nominal torque	Tc	1.428	Nm
6	最大转矩	Peak torque	TP	10	Nm
7	额定电流	Nominal current	Ic	11	A
8	最大电流	Maximum current	IP	74.6	A
9	额定功率	Nominal power	PR	460	watts
10	最大功率	Maximum available power	PR	1100	watts
11	最大可用功率下电流	Current at maximum available power	IP	28.8	A
12	线间电阻	Terminal resistance	Rt	0.37	Ω
13	线圈电感	Terminal inductance	L	320	μH
14	转矩常数	Torque constant	Kt	0.134	Nm /A
15	机械时间常数	Mechanical time constant	Tm	1.98	ms
16	电气时间常数	Electric time constant	Te	0.86	ms
17	转子惯量	Rotor inertia	J	0.96	Kg*cm ²
18	最高绕组温度	Max. winding temperature	Temp	120	°C
19	极对数	Number of pole pairs	p	2	
20	重量	Weight	Wt	1.48	kg
21	电机绝缘等级	Motor insulation class		F	
22	防护等级	Protection class		IP65	
23	使用环境	Ambient temperature		0~40°C	
24	编码器可选	Encoder options		Incremental 2500PPR	Magnetic 2500PPR
25	电机接线定义	Terminal definitions		U: green V: black W: red	
26	编码器接线定义	Encoder Terminal definitions		A+: green A-: green-black B+: white B-: white-black Z+: yellow Z-: yellow-black U+: brown U-: brown-black V+: gray V-: gray-black W+: orange W-: orange-black +5V: red GND: black	

电机运行范围 Operating Range

A: Continuous Working Area
B: Repeatedly Working Area

