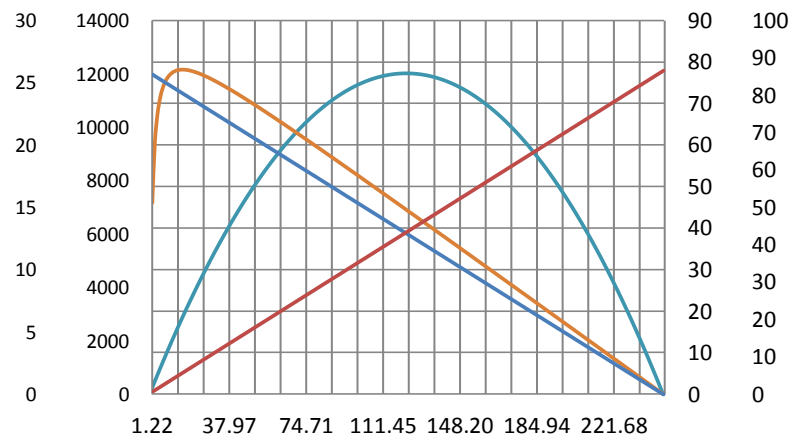


电机接线端与安装孔的相对角度不固定

电机参数 Motor Data			电机型号 Motor Model			
			XBD2867Q 24120WG- 0338	XBD2867Q 24034WG- 0338	XBD2867Q 24125WG- 0338	
<b>额定电压参数值 Value at rated voltage</b>						
额定点 At Nominal	1	额定电压 Nominal voltage	V/DC	12	24	24
	2	额定转速 Nominal speed	rpm	9640	2720	10000
	3	额定电流 Nominal current	A	5.3	0.5	2.5
	4	额定转矩 Nominal torque	mNm	49.0	28.0	43.3
空载点 Free Load	5	空载转速 No-load speed	rpm	12050	3400	12500
	6	空载电流 No-load current	mA	121.0	52.0	196.0
最大效率点 At Max. Efficiency	7	最大效率 Max. efficiency	%	86.8	71.5	83.4
	8	转速 Speed	rpm	11267	2941	11375
	9	电流 Current	A	1.8	0.3	1.2
最大输出功率点 At max. Output power	10	转矩 Torque	mNm	15.9	18.9	19.5
	11	最大功率 Max. output power	W	77.3	12.5	70.9
	12	转速 Speed	rpm	6025	1700	6250
堵转点 At Stall	13	电流 Current	A	13.1	1.1	6.0
	14	转矩 Torque	mNm	122.5	70.0	108.4
堵转点 At Stall	15	堵转电流 Stall current	A	26.0	2.2	12.0
	16	堵转转矩 Stall torque	mNm	245.0	140.0	216.7
<b>电机常数 Motor Constants</b>						
	17	电机阻抗 Terminal resistance	Ω	0.46	11.01	2.00
	18	电机感抗 Terminal inductance	mH	0.12	0.45	0.23
	19	转矩常数 Torque constant	mNm/A	9.47	65.80	18.20
	20	转速常数 Speed constant	rpm/V	1004.2	141.7	520.8
	21	转数/转矩常数 Speed/torque constant	rpm/mNm	49.2	24.3	57.7
	22	机械时间常数 Mechanical time constant	ms	4.5	2.2	5.6
	23	转子惯量 Rotor inertia	gcm <sup>2</sup>	8.7	8.7	8.7
<b>电机特性曲线 (Motor Characteristics Curve)</b>						
	24	极对数 Number of pole pairs	1			
	25	相数 Number of phase	3			
	26	重量 Weight of motor	g	180		
	27	噪音 Typical noise level dB		≤45		

Red	VCC	铁氟龙
Black	GND	铁氟龙



Connection : Electronic wire

防护等级 Protection level IP 54 A rpm mNm W %





