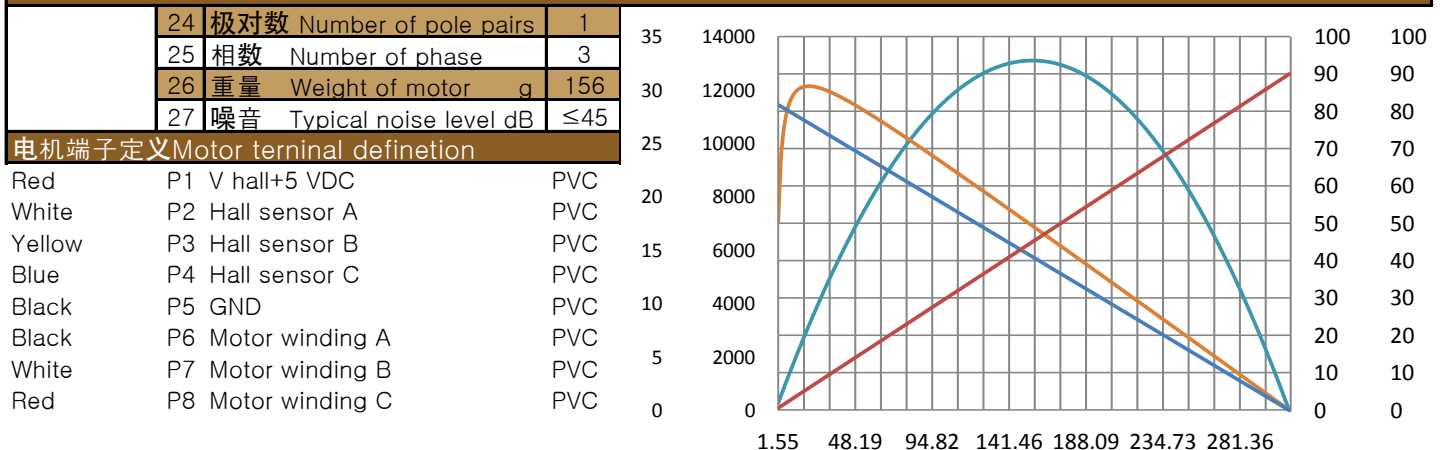


电机接线端与安装孔的相对角度不固定

电机参数 Motor Data			电机型号 Motor Model			
			XBD2854H 12115WG- 0420	XBD2854H 24033WG- 0420	XBD2854H 36125WG- 0420	
<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	36
	2	额定转速 Nominal speed	rpm	9200	2680	10032
	3	额定电流 Nominal current	A	6.4	0.4	11.0
	4	额定转矩 Nominal torque	mNm	62.2	26.1	293.2
空载点 Free Load	5	空载转速 No-load speed	rpm	11500	3350	12540
	6	空载电流 No-load current	mA	150.0	45.0	260.0
最大效率点 At Max. Efficiency	7	最大效率 Max. efficiency	%	86.7	72.2	86.6
	8	转速 Speed	rpm	10753	2915	11725
	9	电流 Current	A	2.2	0.3	3.8
最大输出功率点 At max. Output power	10	转矩 Torque	mNm	20.2	17.0	95.3
	11	最大功率 Max. output power	W	93.6	11.5	481.3
	12	转速 Speed	rpm	5750	1675	6270
堵转点 At Stall	13	电流 Current	A	15.8	1.0	27.1
	14	转矩 Torque	mNm	155.4	65.4	733.1
堵转点 At Stall	15	堵转电流 Stall current	A	31.5	2.0	54.0
	16	堵转转矩 Stall torque	mNm	310.9	130.7	1466.1
<b>电机常数 Motor Constants</b>						
	17	电机阻抗 Terminal resistance	Ω	0.38	12.00	0.67
	18	电机感抗 Terminal inductance	mH	0.56	0.56	0.14
	19	转矩常数 Torque constant	mNm/A	9.92	66.87	27.28
	20	转速常数 Speed constant	rpm/V	958.3	139.6	348.3
	21	转数/转矩常数 Speed/torque constant	rpm/mNm	37.0	25.6	8.6
	22	机械时间常数 Mechanical time constant	ms	5.2	3.6	1.2
	23	转子惯量 Rotor inertia	gcm <sup>2</sup>	13.4	13.4	13.4

电机特性曲线 (Motor Characteristics Curve)



Connection : JST-PAP-08V-S

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





