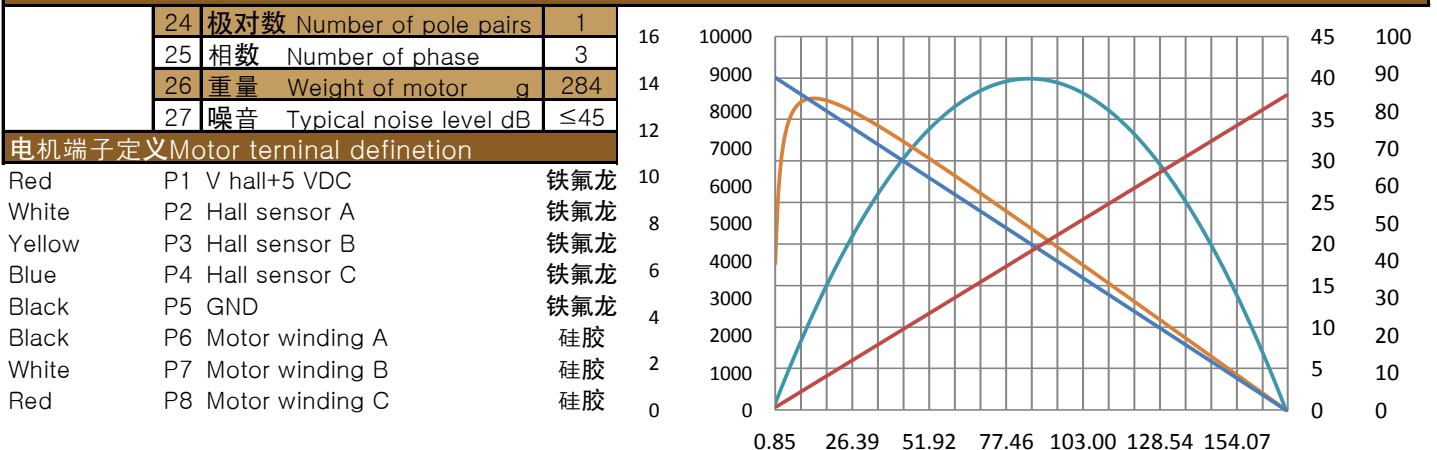


电机参数 Motor Data			电机型号 Motor Model			
			XBD3564H 12089WG- 0410	XBD3564H 24110WG- 0410	XBD3564H 36225WG- 0410	
<b>额定电压参数值 Value at rated voltage</b>						
额定点 At Nominal	1	额定电压 Nominal voltage	V/DC	12	24	36
	2	额定转速 Nominal speed	rpm	7160	9120	18024
	3	额定电流 Nominal current	A	2.8	4.6	7.0
	4	额定转矩 Nominal torque	mNm	34.0	85.3	101.3
空载点 Free Load	5	空载转速 No-load speed	rpm	8950	11400	22530
	6	空载电流 No-load current	mA	102.0	290.0	296.0
最大效率点 At Max. Efficiency	7	最大效率 Max. efficiency	%	83.4	78.3	82.2
	8	转速 Speed	rpm	8234	10203	20615
	9	电流 Current	A	1.2	2.5	3.1
最大输出功率点 At max. Output power	10	转矩 Torque	mNm	13.6	44.8	43.1
	11	最大功率 Max. output power	W	39.9	127.3	298.9
	12	转速 Speed	rpm	4475	5700	11265
	13	电流 Current	A	6.8	11.0	17.0
堵转点 At Stall	14	转矩 Torque	mNm	85.1	213.3	253.4
	15	堵转电流 Stall current	A	13.5	21.8	33.8
16	堵转转矩 Stall torque	mNm	170.2	426.7	506.7	
<b>电机常数 Motor Constants</b>						
	17	电机阻抗 Terminal resistance	Ω	0.89	1.10	1.07
	18	电机感抗 Terminal inductance	mH	0.32	0.26	0.24
	19	转矩常数 Torque constant	mNm/A	12.71	19.84	15.12
	20	转速常数 Speed constant	rpm/V	745.8	475.0	625.8
	21	转数/转矩常数 Speed/torque constant	rpm/mNm	52.6	26.7	44.5
	22	机械时间常数 Mechanical time constant	ms	10.1	5.1	8.5
	23	转子惯量 Rotor inertia	gcm <sup>2</sup>	18.3	18.3	18.3

电机特性曲线 (Motor Characteristics Curve)



Connection : JST-PAP-08V-S

防护等级 Protection level IP 54 A rpm mN.m W %





