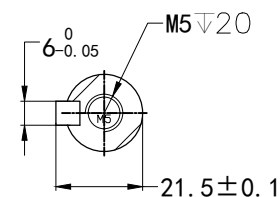
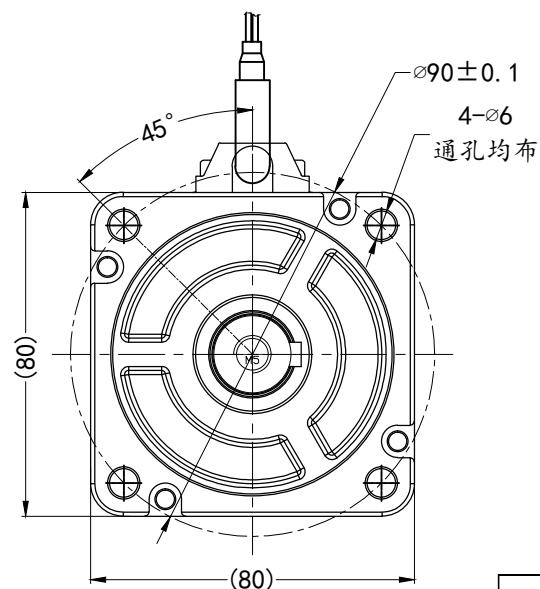


PERMANENT MAGNET AC SERVO MOTOR SPECIFICATION

版本 REV	变更号 ECN NO	变更内容 CONTENT CHANGED	处数 NO.	日期 DATE	设计 DESIGN



SECTION A-A

使用环境温度-20~55℃不结露
Operating ambient temperature -20~55℃ No ice
使用环境温度20%~80%RH不结露
Operating environment humidity 20%~80%rh no condensation
1000m以下使用, 1000m以上请降额使用, 具体参照海拔降额曲线
For use below 1000m, please reduce the rating for use above 1000m.
Refer to the altitude derating curve for details

塑壳: AMP172167-1	塑壳: AMP172169-1
端子: 170360-1	端子: 170359-1

参数列表
parameters List

额定电压 Rated Voltage(V)	220	线电阻 Line-Line Resistance (Ω)	2.03±10% (20℃)	编码器接线顺序(其中6、7号为多圈和光电编码器用) magnetic encoder wiring sequence (numbers 6 and 7 are used for multi turn and photoelectric encoders)								电机绕组接线顺序 Motor winding wiring sequence					
额定功率 Rated Power (W)	750	线电感 Line-Line Inductance (mH)	10.20±20% (20℃)	序号 Serial number	1	2	3	4	5	6	7	序号 Serial number	1	2	3	4	
额定电流 Rated Current(A)	4.2	转动惯量 Rotor inertia (×10 ⁻⁴ kg·m ²)	1.71	颜色 Color	屏蔽	红 Red	白 White	黄 Yellow	绿 Green	蓝 Blue	黑 Black	颜色 Color	红 Red	白 White	黑 Black	黄绿 Yellow/Green	
峰值电流 Peak Current(A)	12.6	绝缘等级 Insulation Class	F	定义 Definition	PE	VCC	GND	SD+	SD-	BAT+	BAT-	定义 Definition	U	V	W	PE	
额定转速 Rated Speed (rpm)	3000	绝缘电阻 Insulation resistance	DC1000V ≥ 20MΩ	CTQ SIGN: Customer Process Law						NINGBO SIMTACH AUTO TECH CO.,LTD							
最高转速 Peak Speed (rpm)	5000	防护等级 Protection class	IP65	材料符合ROHS要求All Material Are To Be Rohs Compliant													
额定转矩 Rated Torque(N.M)	2.39	允许最大径向负载Maximum allowable radial load(N)	390	NAMES	SIGNATURE	DATE	Unspecified tolerance		视角 FIRST ANGLE METHOD								
峰值转矩 Peak Torque(N.M)	7.17	允许最大轴向负载Maximum allowable axial load (N)	140	设计 DESIGN			容差公差:Tolerances 角度Angles±0.1° 倒角Chamfer±0.3		1:1	mm	*	图号 DWG. NG	/				
反电势 Voltage Constant (V/Krpm)	35.7	重量 Weight(kg)	2.27	标准化 STANDARD				Unit:mm GB/T1804-M ISO2768-1 ClassM	件号 PART NUMBER	1	版本 REV	A			表单编号 Form Code		
力矩系数Torque Coefficient (N.M/A)	0.57			审核 CHECK													