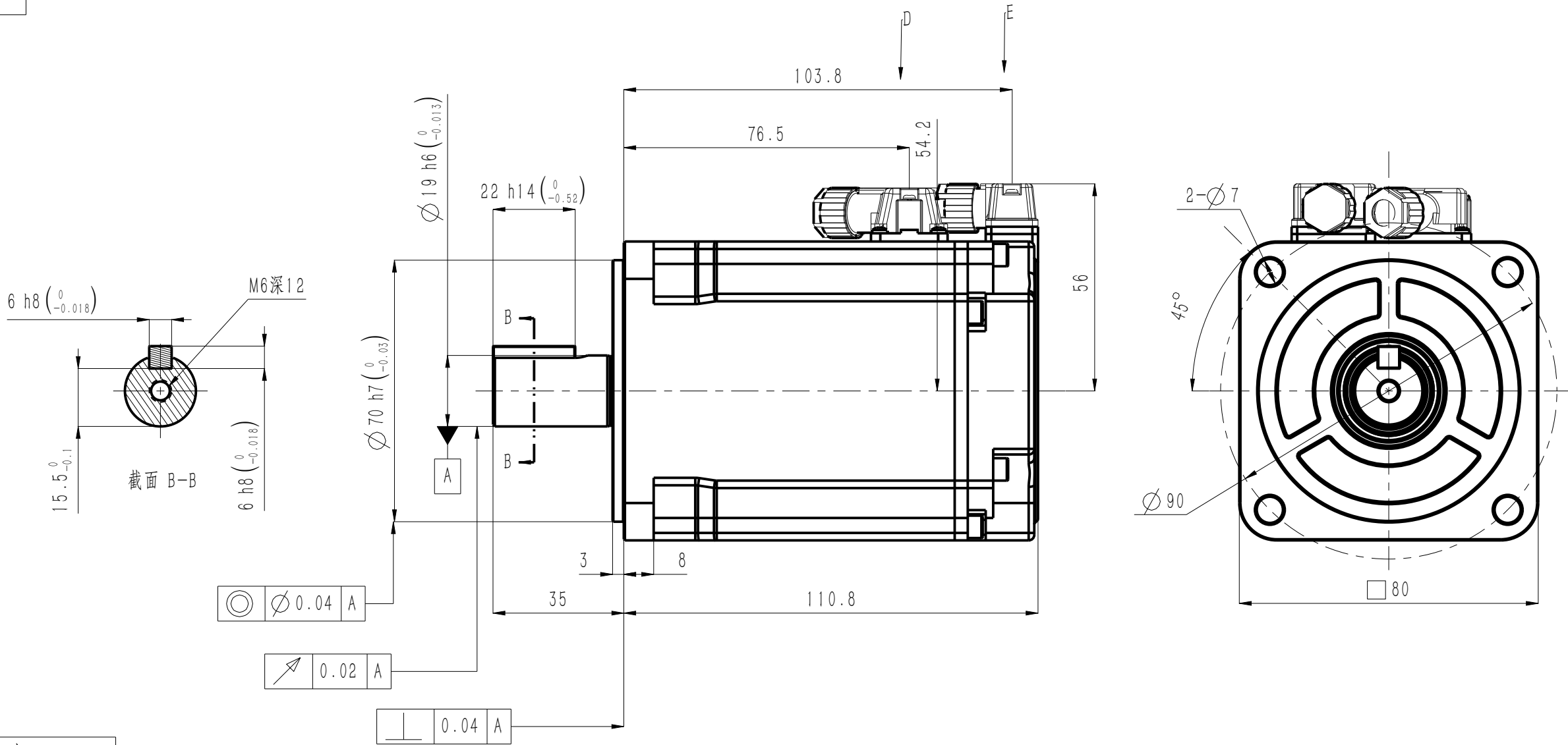


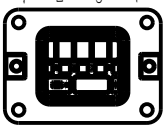
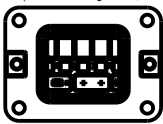

版本 Edition	变更内容 Description of the change
B	模板更新

B
2026.02.12
正样



电机技术参数 Motor parameters

额定电压 Rated voltage	220	V AC
额定功率 Rated power	1.0	kW
额定扭矩 Rated torque	3.18	N·m
峰值扭矩 Peak torque	11.14	N·m
额定电流 Rated current	5.5	Arms
峰值电流 Peak current	19	Arms
额定转速 Rated speed	3000	rpm
峰值转速 Maximum speed	7000	rpm
扭矩系数 Torque constant	0.61	N·m/Arms
反电势常数 Back EMF constant	39.2	V/krpm
线电阻 line resistance	1.05	Ω
线电感 line inductance	7.01	mH
转动惯量 Moment of inertia	2.2 ± 10%	kg·cm ²
轴向允许载荷 Axial allowable load	147	N
径向允许载荷 Radial allowable load	392	N
极对数 Number of pole pairs	5	对
IP防护等级 Ingress Protection Rating	IP67	
绝缘等级 Insulation class	F	
绝缘电阻 Insulation resistance	>100MΩ DC500V	
电机重量 Motor weight	2.6	kg
工作温度 Operating temperature	-20℃~40℃	
工作湿度 Operating humidity	20%~80% (不结露 Non-dewfall)	
推荐安装海拔 Recommend installing altitude	<1000m(1km以上降额使用) (Derate for use above 1km)	

动力端子规格 Power connector		标准款引线定义 Wiring definition without brake					
D	SC-MC6P-AP2G-054						
	1	2	3	4	A	B	
		V	U	W	PE	—	
动力端子规格 Power connector		抱闸款引线定义 Wiring definition with brake					
D	SC-MC6P-AP2G-044						
	1	2	3	4	A	B	
		V	U	W	PE	24V DC	
信号端子规格 Encoder connector		编码器规格 Connector specifications		接线图 Wiring			
E	SC-MC7M-A60G-180		17-bit magnetic encoder 23-bit optical encoder		1	2	3
					SD+ (白)	SD- (棕)	BAT+ (蓝)