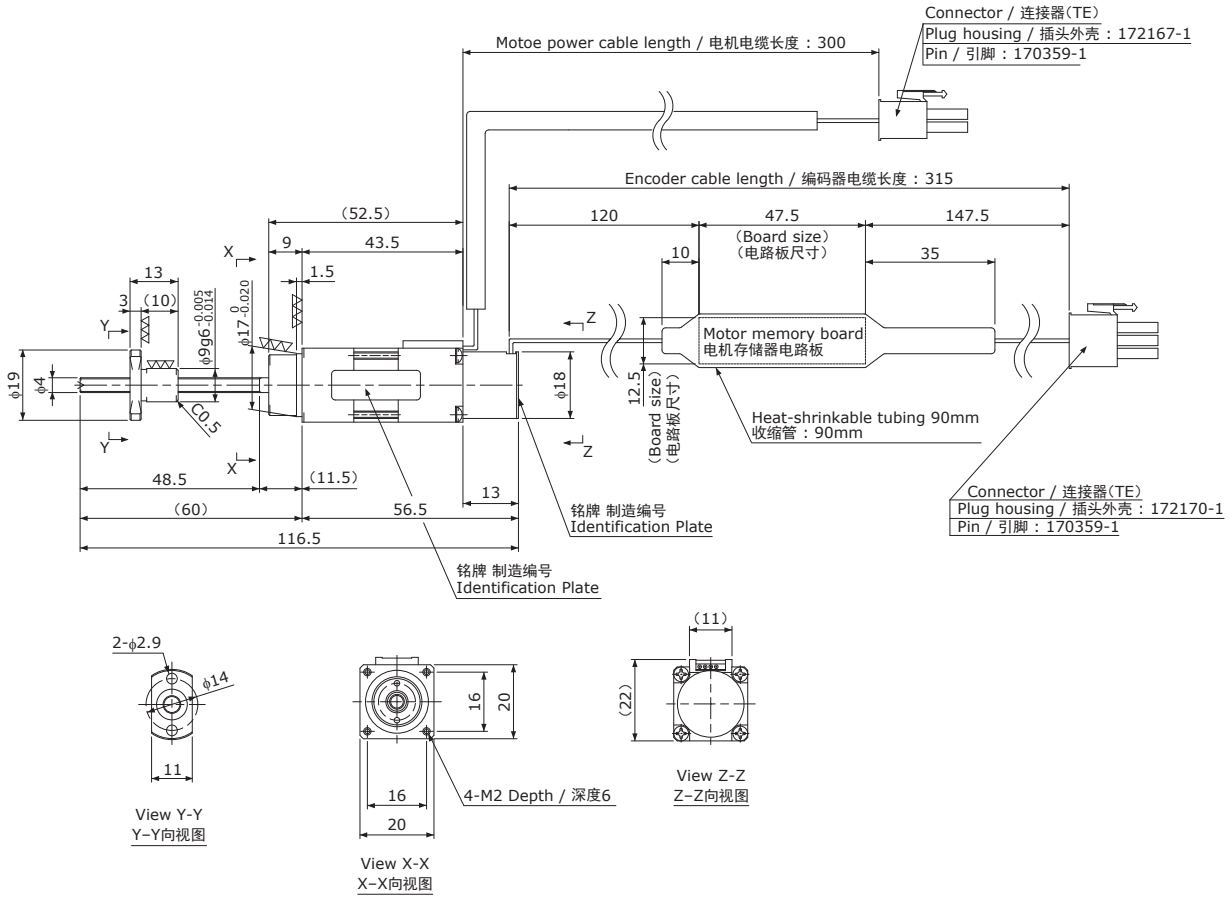
精密滚珠丝杠+步进伺服电机 / Precision Ball Screw + Stepping Servo Motor

SiMB □20 / NEMA 08

Shaft dia.(轴径)f4



Unit(单位):mm

Model 型　号	Lead 导程	Travel 行程	Reference Thrust 参考推力 (N)	Mass 质量 (g)
SiMB0401	1	30	30	114

Ball Screw Specifications　滚珠丝杠主要技术参数	
Accuracy grade 精度等级	JIS C3
Thread direction 旋向	Right　右
Axial play 轴向间隙	0
Shaft material 丝杠轴材质	Stainless steel 不锈钢
Nut material 螺母材质	Chrome-molybdenum steel 铬钼钢
Surface hardness 螺纹部表面硬度	Min. HRC55 (Thread area)
Lubricant 润滑剂	KSS original grease MSG No.1 KSS原装油脂 MSG No.1

Note1) Exclusive Driver(Si-02LDE)is required this type.
Note2) Only shaft end cutting is available. Other than that, it would be customized order.
注1) Si-MB需要专用驱动器(Si-02LDE)。
注2) 只能裁切轴端。其他轴端形状为定制产品。

Motor Specifications　电机参数	
Basic step angle 基本步进角	1.8°
Driving method 励磁方式	2-phase Bi-polar 2相双极方式
Rated Voltage 额定电压	DC 3.0 V
Rated current 额定电流	DC 0.35 A/phase DC 0.35 A/相
Winding resistance 绕组电阻	8.5Ω
Holding Torque 保持扭矩	0.017Nm
Rotor inertia 转子惯量	1.9g·cm²
Operating temperature 使用温度范围	−20℃～50℃
Encoder 编码器	Incremental 200ppr 增量型 200ppr