

型号 : SBT308

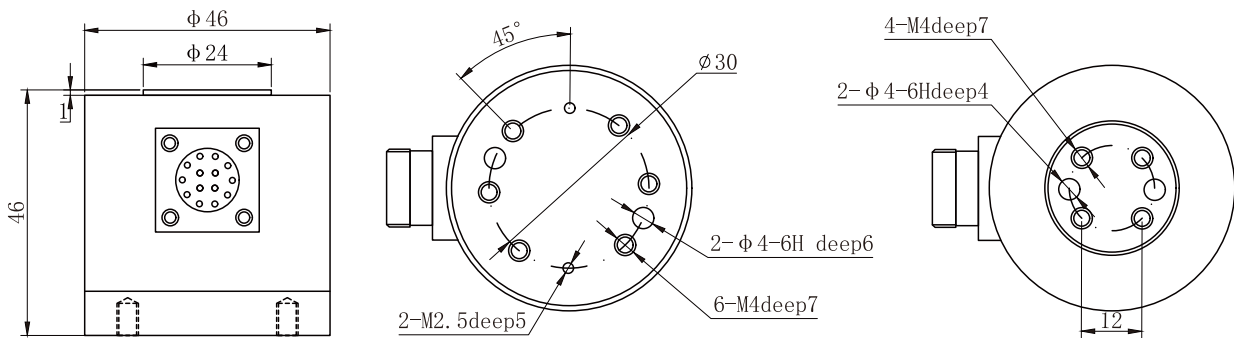


特点与用途/Features&Application

本产品可以分别测出空间多个方向的受力，具有高灵敏度，相互干扰小等优点。可应用于铣床磨床加工过程中刀具多个方向受力检测，机器人抛光多轴力的检测。

This product can measure space the stress of the multiple directions respectively, high sensitivity, less interference. Can be applied to milling machine grinder processing cutting tool in the process of multiple directions stress testing, robot polishing multi-axis force test.

安装尺寸/Mounting Dimension



技术参数/Technical Parameters

参数	Specifications	技术指标/Technique
传感器量程	Rated load	X:5/10/20/50kg, Y:5/10/20/50kg, Z:5/10/20/50/100kg
综合误差	Comprehensive error	≤ ±1.0%
非线性	Non-linearity	1.0%
灵敏度	Rated output	1.0±10% mV/V
蠕变	Creep	±0.05% F.S. /30min
零点输出	Zero balance	±2.0 F.S.
输入阻抗	Input resistance	750(385) ±5 Ω
输出阻抗	Output resistance	700(350) ±3 Ω
绝缘电阻	Insulation resistance	≥5000MΩ/100VDC
灵敏度温度影响	Temp. effect on span	±0.05% F.S. /10℃
零点温度影响	Temp. effect on zero	±0.05% F.S. /10℃
温度补偿范围	Compensated temp range	-10~60℃
使用温度范围	Use temp range	-20~80℃
激励电压	Excitasion voltage	5~10V
安全过载范围	Safe overload	120%F.S.
极限过载范围	Ultimate overload	200%F.S.
防护等级	Defend grade	Ip65