AIR6SC-500



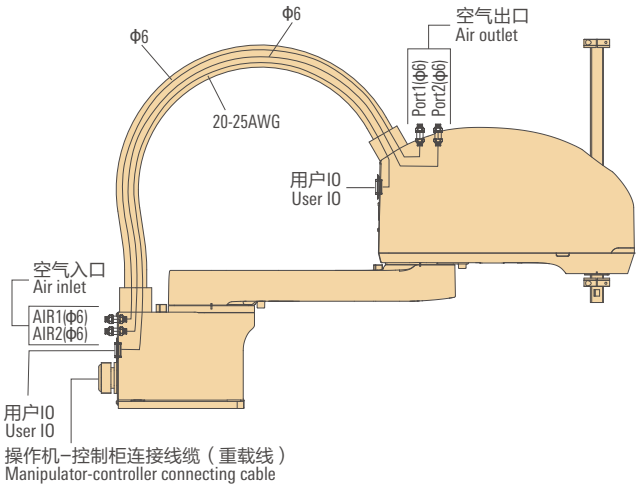
小巧、敏捷	Small and Agile
高速度	High speed
高精度	High precision
轻型机身	Lightweight body

- 结构紧凑、工作空间大、较高的重复定位精度。
  Compact structure, large working space, high position repeatability.
- 速度快，节拍时间短，适合快速搬运。
  Fast speed, short cycle, suitable for rapid handling.
- 占地面积小，节约空间。
  Small footprint.

细分版本 Variant

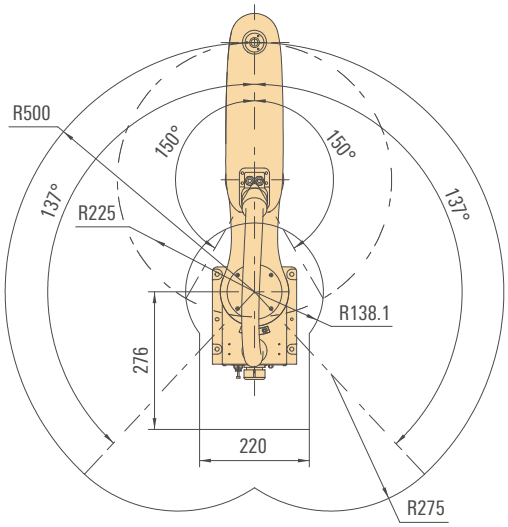
AIR6SC-500Z20
AIR6SC-500Z30

机体内配线 • 配管 Integrated dressing

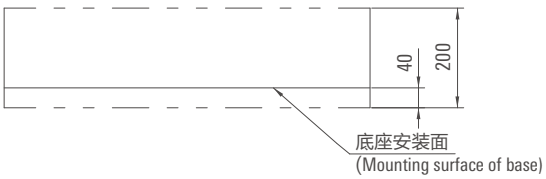


型号 Type		AIR6SC-500
轴数 Axes		4
负载 Payload	额定 Rated payload	2kg
	最大 Max. payload	6kg
轴 4 允许装载的惯量 Allowable moment of inertia of J4	额定 Rated inertia	0.01kg·m²
	最大 Max. inertia	0.12kg·m²
机器人本体 Manipulator	重量 Weight	19.5kg
	最大运动范围 Reach	500mm
重复定位精度 Position repeatability	轴 1+ 轴 2 Axis 1+Axis 2	±0.015mm
	轴 3 Axis 3	±0.01mm
	轴 4 Axis 4	±0.005°
IP 等级 Ingress Protection		IP20
安装方式 Mounting		地装 Floor
运动范围 Working range	轴 1 Axis 1	-137°/+137°
	轴 2 Axis 2	-150°/+150°
	轴 3 Axis 3	200/300 mm
	轴 4 Axis 4	-360°/+360°
运动速度 Rotation rate	轴 1 Axis 1	400°/s
	轴 2 Axis 2	650°/s
	轴 1+ 轴 2 Axis1+Axis2	6610mm/s
	轴 3 Axis 3	1100mm/s
	轴 4 Axis 4	2300°/s
小臂接口 Small arm interface	电气接口 Electrical interface	20 路 IO
	气路接口 Air plug interface	2 路 φ6
适用控制柜 Controllers		inCube2S-6
安装条件 Mounting conditions	环境温度：0~40℃ Ambient temperature: 0~40℃ 湿度：恒温下 85% 以内，无凝露。 Humidity: not more than 85% at constant temperature without condensation. 允许高度：海拔 1000m 以下。 Allowable altitude: not more than 1000m above sea level. 不应有腐蚀性、可燃性、易爆性气体。 No corrosive, flammable or explosive gases.	

运动范围 Working range



轴 1/ 轴 2 运动范围
Working range of axis 1 and axis 2



轴 3 运动范围
Working range of axis 3

外形尺寸、夹具及底座安装图 Overall dimensions, fixture and base installation drawing

