

BRTIRUS1820A

SIX-AXIS ROBOT
六轴机器人

产品特点

BRTIRUS1820A 是罗伯蒂克针对多自由度的复杂应用而开发的六轴机器人,其最大负载可达 20kg, 拥有 1895mm 臂展。采用轻量式手臂设计,机械结构紧凑、简洁,在高速运动状态下,能够在狭小工作空间内进行灵活作业,满足柔性化生产需要。具有六个自由度的灵活性,对上下料、注塑、压铸、装配、涂胶、打磨、检测等场景能够随心所欲。适用于注塑机: 500T-1300T。

防护等级高: 手腕 IP54、本体 IP40。

精度高: 重复定位精度 $\pm 0.05\text{mm}$ 。

Product Features

BRTIRUS1820A is a six-axis robot developed by ROBOTIC for complex applications with multiple degrees of freedom. The maximum load is 20kg, the maximum arm length is 1895mm. Lightweight arm design, compact and simple mechanical structure, in the state of high speed movement, can be carried out in a small workspace flexible work, meet the needs of flexible production. It has six degrees of flexibility. Suitable for loading and unloading, injection machine, die casting, assembling, coating industry, polishing, detection etc. It is suitable for injection molding machine range from 500T-1300T.

The protection grade reaches IP54 at the wrist and IP40 at the body.

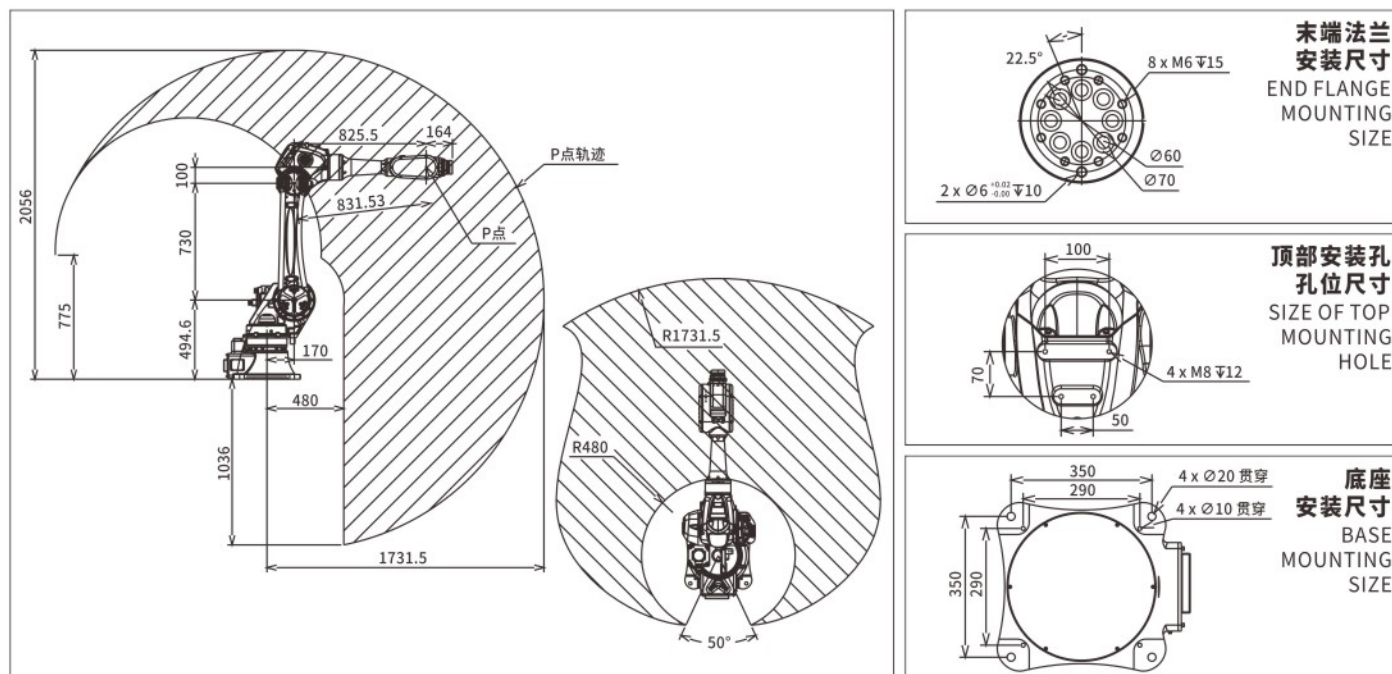
The repeat positioning accuracy is $\pm 0.05\text{mm}$.



主要规格 Main Specification

机型/Model	项目/Item	手臂/Arm			手腕/Wrist			臂展(mm) Arm Length	负载(kg) Loading ability	重复定位精度(mm) Repeated positioning accuracy	电源容量(kVA) Power Source	重量(kg) Weight
		J1	J2	J3	J4	J5	J6					
BRTIRUS1820A	范围(°) Range	$\pm 155^\circ$	$-140^\circ/+65^\circ$	$-75^\circ/+110^\circ$	$\pm 180^\circ$	$\pm 115^\circ$	$\pm 360^\circ$	1895	20	± 0.05	5.87	约230 about 230
	最大速度(°/s) Max. speed	110°/s	146°/s	134°/s	273°/s	240°/s	375°/s					

基本尺寸/活动范围 Basic Size/scope Of Activities



因改良等原因,规格及外观有所变更时,不再另行通知,敬请谅解。

No further notice if the specification and appearance are changed due to improvement and other reasons. Thank you for your understanding.