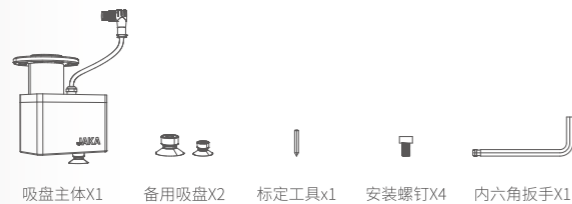
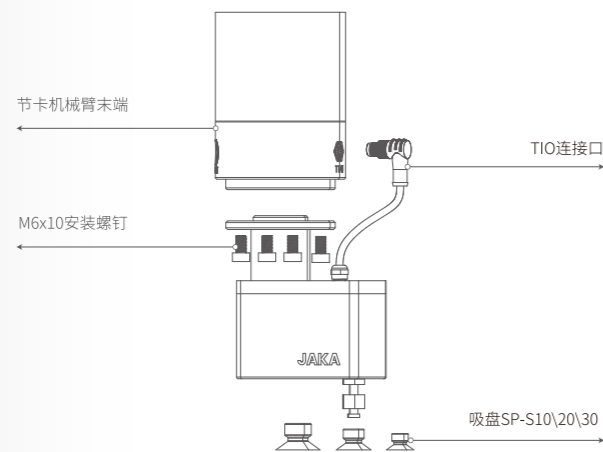


JAKA VAC 电吸盘

产品清单



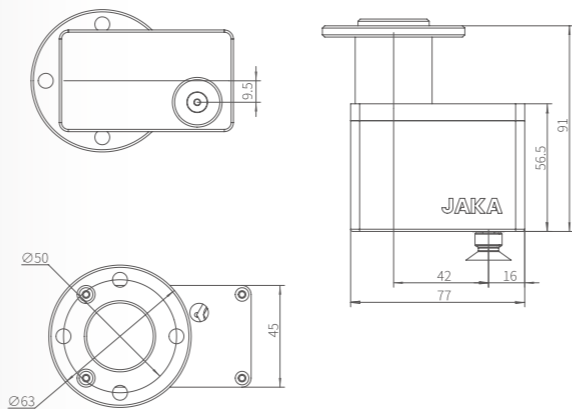
产品安装



参数信息

驱动类型	~	电驱,转气动
额定电压	V	DC24
最大功率	W	4
最大负载	g	500(@吸盘直径20mm, 平面)
吸取时间	ms	<200
释放时间	ms	<200
负压值	kPa	-40typ.
噪声	dB	<65
温度	°C	0-50
湿度	%RH,non-condensing	20~80
外壳材料		铝合金
重量 (本体)		450g

尺寸信息



操作说明

JAKA VAC 电吸盘可由机器人末端TIO 直接控制, 将DO1 和DO2 分别设置为输出PNP 型, 以下为操作逻辑表。

状态	TIO-DO1	TIO-DO2
吸取	1	0
释放	0	1(约持续1s 后置0)
初始化	0	0
无效状态	1	1

APP 编程示例

Step 1 使能TIO 输出电压为24V



Step 2 将TIO端DO1和DO2设置为PNP型



Step 3 初始化



Step 4 吸取



Step 5 释放



保修政策

我司负责提供的产品自销售出货之日起, 进入保修期, 在合理使用期间, 保修期为1年。保修期内我公司为用户提供免费的维护服务。

如故障属于下列情形之一引起, 则不在免费保修之列:

- ① 用户不按操作规程操作;
- ② 用户人为造成设备损坏;
- ③ 其他不可抗力因素引起的故障(如雷击、地震、洪水等);

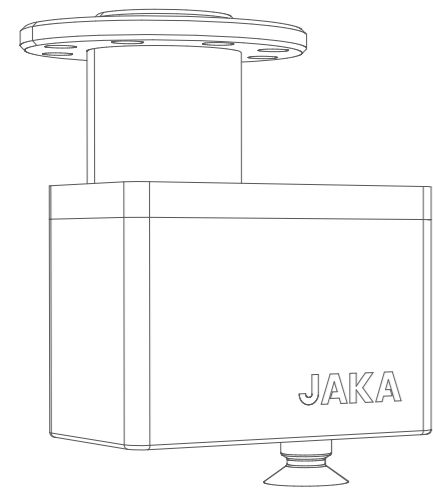
安全警告

- ✓ 吸盘使用易受被吸取物品的表面形态、平整度以及材料等因素影响;
- ✓ 被吸取物品或装置受工作环境影响可能存在掉落风险, 因尽量避免对人体和物品造成伤害;
- ✓ 产品在使用过程中应按规范要求, 避免长期工作在无效状态, 否则可能会引起热表面或者永久损坏。



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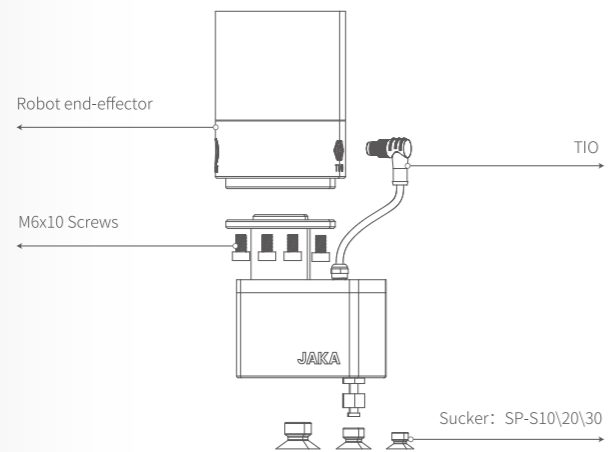


JAKA VAC Vacuum Gripper

Product List



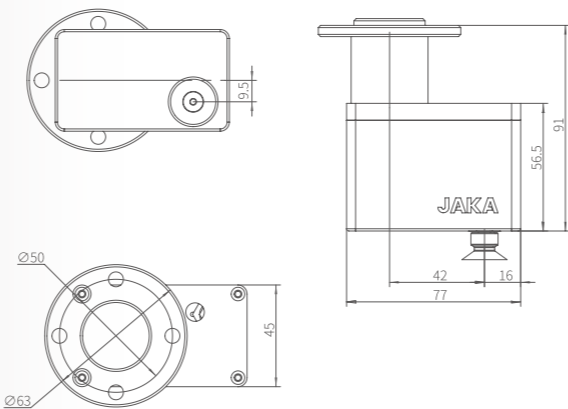
Product Installation



Parameter Information

Drive type	~	Electric drive, turn pneumatic
Rated voltage	V	DC24
Maximum power	W	4
Maximum load	g	500 (@sucker diameter 20mm, plane)
Absorption time	ms	<200
Release time	ms	<200
Negative pressure value	kPa	-40typ.
Noise	dB	<65
Temperature	°C	0-50
Humidity	%RH, non-condensing	20~80
Shell material		Aluminum alloy
Weight (body)		450g

Size Information



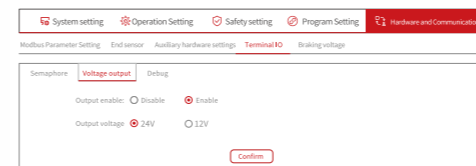
Instructions

The JAKA VAC electric suction cup can be directly controlled by TIO at the end of the robot, and DO1 and DO2 are respectively set to output PNP type. The following is the operation logic table.

State	TIO-DO1	TIO-DO2
Draw	1	0
Freed	0	Set to 0 after about 1s
Initialization	0	0
Invalid state	1	1

APP programming example

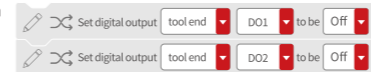
Step 1 — Enable TIO output voltage to 24V



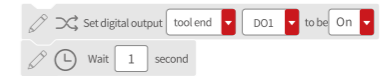
Step 2 — Set TIO terminals DO1 and DO2 to PNP type



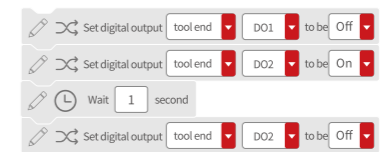
Step 3 — Initialization



Step 4 — Draw



Step 5 — Freed



Warranty Policy

Our company is responsible for the product entering the warranty period from the date of sale. During the reasonable used-period, the warranty period is 1 year. During the warranty period, our company provides free maintenance services.

If failure is caused by the following situations, not included in free warranty:

- ① The user does not operate according to the operating procedures;
- ② The equipment is damaged by the user;
- ③ Failures caused by other force majeure factors (such as lightning strikes, earthquakes, floods, etc.) ;

Safety Warning

- ☑ The suction cup is easily affected by the surface shape, flatness and material of the object being sucked;
- ☑ The sucked object or device may be in danger of falling due to the influence of the working environment, avoid damage to the human body and objects;
- ☑ The product should be used in accordance with the specifications to avoid long-term work in an ineffective state, otherwise it may cause hot surfaces or permanent damage.



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*The final interpretation right of this manual belongs to JAKA Company