





## JAKA Zu<sup>®</sup> 3 Cobot

-  **Weight : 13.5 kg**
-  **Loading : 3 kg**
-  **Working radius : 587 mm**
-  **Repeatability : ±0.03 mm**

### Product Features

- Flexible and light
- Small space requirement
- High Cost-effective

### Recommended Markets

3C electronics , Medical treatments , scientific researches , Injection molding



**Wireless connection**  
No need of traditional teaching device



**Safety collaboration**  
Built-in torque feedback detection



**Graphic programming**  
Easy use for zero basis



**Open Cooperation**  
Compatible with ROS operating system



**Integrated Joints**  
Easy to disassemble and transport

# Technical Parameter

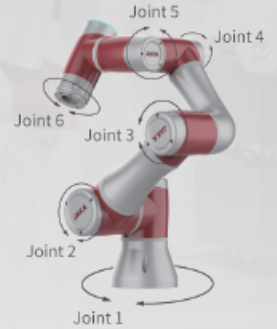
## Character

<b>Payload</b>	3kg
<b>Weight (W cable)</b>	13.5kg
<b>Work radius</b>	587mm
<b>Repeatability</b>	±0.03mm
<b>Axis</b>	6
<b>Programming</b>	graphical programming, free-drive
<b>Teach pendant</b>	MT (PAD/Mobile) APP
<b>Collaborative operation</b>	Accordance with GB11291.1-2011
<b>Power</b>	200W
<b>Temperature range</b>	0-50°C
<b>IP Specification</b>	IP54
<b>Installation</b>	Installation at any Angle
<b>Tool I/O</b>	Digital input 2 Digital output 2 Analog input 1
<b>Tool I/O power</b>	24V
<b>base diameter</b>	129mm
<b>Materials</b>	aluminum, PP
<b>Tool I/O size</b>	M6
<b>Cable length</b>	6 m

## Scope and speed \*

Robot	Work scope	Max speed
<b>Joint 1</b>	±270°	180°/s
<b>Joint 2</b>	-85°, +265°	180°/s
<b>Joint 3</b>	±175°	180°/s
<b>Joint 4</b>	-85°, +265°	180°/s
<b>Joint 5</b>	±270°	180°/s
<b>Joint 6</b>	±270°	180°/s
<b>Max speed</b>	/	1.5m/s

\*When moving within the joint limit, interference may occur due to end tools or installation environment. Please determine the range of motion according to the actual situation.

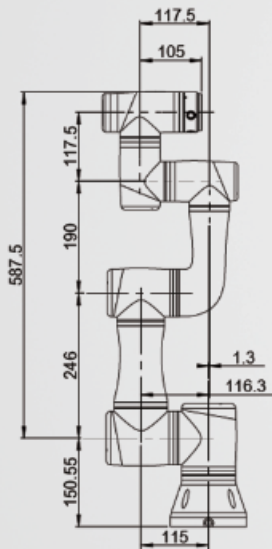


## Control Cabinet

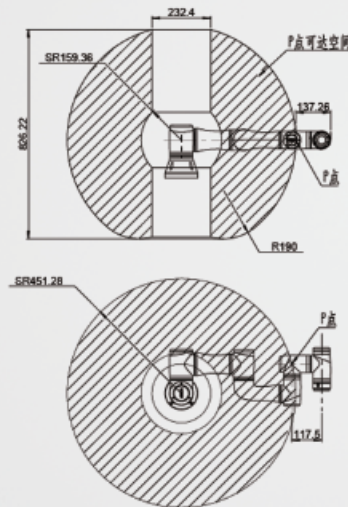
<b>IP Specification</b>	IP20
<b>Tool I/O</b>	16 Digital input/16 Digital output /2 Analog input or output
<b>I/O Power</b>	24V
<b>communication</b>	TCP/IP, MODBUS TCP/RTU
<b>power</b>	100-240VAC, 50-60Hz
<b>size</b>	400×230×260(mm) (W×H×D)
<b>weight</b>	15.5kg
<b>material</b>	Stainless steel



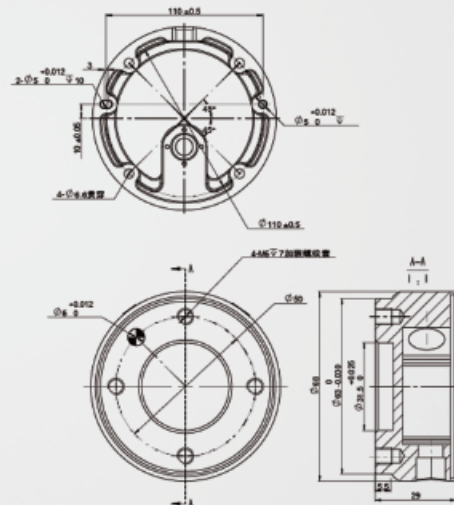
## JAKA Zu 3 Layout



JAKA Zu 3 work radius



JAKA Zu 3 P point front view / top view



JAKA Zu 3 base / flange

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