

JAKA Zu® 18 Cobot



Weight : 35 kg



Loading : 18 kg



Working radius : 1073 mm



Repeatability : ± 0.03 mm

Product Features

- Higher Payload
- Higher Security
- High Cost-Effective

Recommended Markets

Automotive and related , Metal processing ,
Injection molding , Medical equipment



SGS



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

Payload	18kg
Weight (W cable)	35kg
Work radius	1073mm
Repeatability	±0.03mm
Axis	6
Programming	Graphical programming, free-drive
Teach pendant	MT (PAD/Mobile) APP
Collaborative operation	Accordance with GB 11291.1-2011
Rated power	600W
Temperature range	0-50°C
IP Specification	IP54
Installation	Installation at any Angle
Tool I/O	Digital input 2 Digital output 2 Analog input 1
Tool I/O power	24V
base diameter	M8
Materials	188mm
Tool I/O size	Aluminum、PC
Cable length	6m

Scope and speed *

Robot	Work scope	Max speed
Joint 1	±270°	120°/s
Joint 2	-85°, +265°	120°/s
Joint 3	±175°	180°/s
Joint 4	-85°, +265°	180°/s
Joint 5	±270°	180°/s
Joint 6	±270°	180°/s
Max speed	/	3.5m/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.

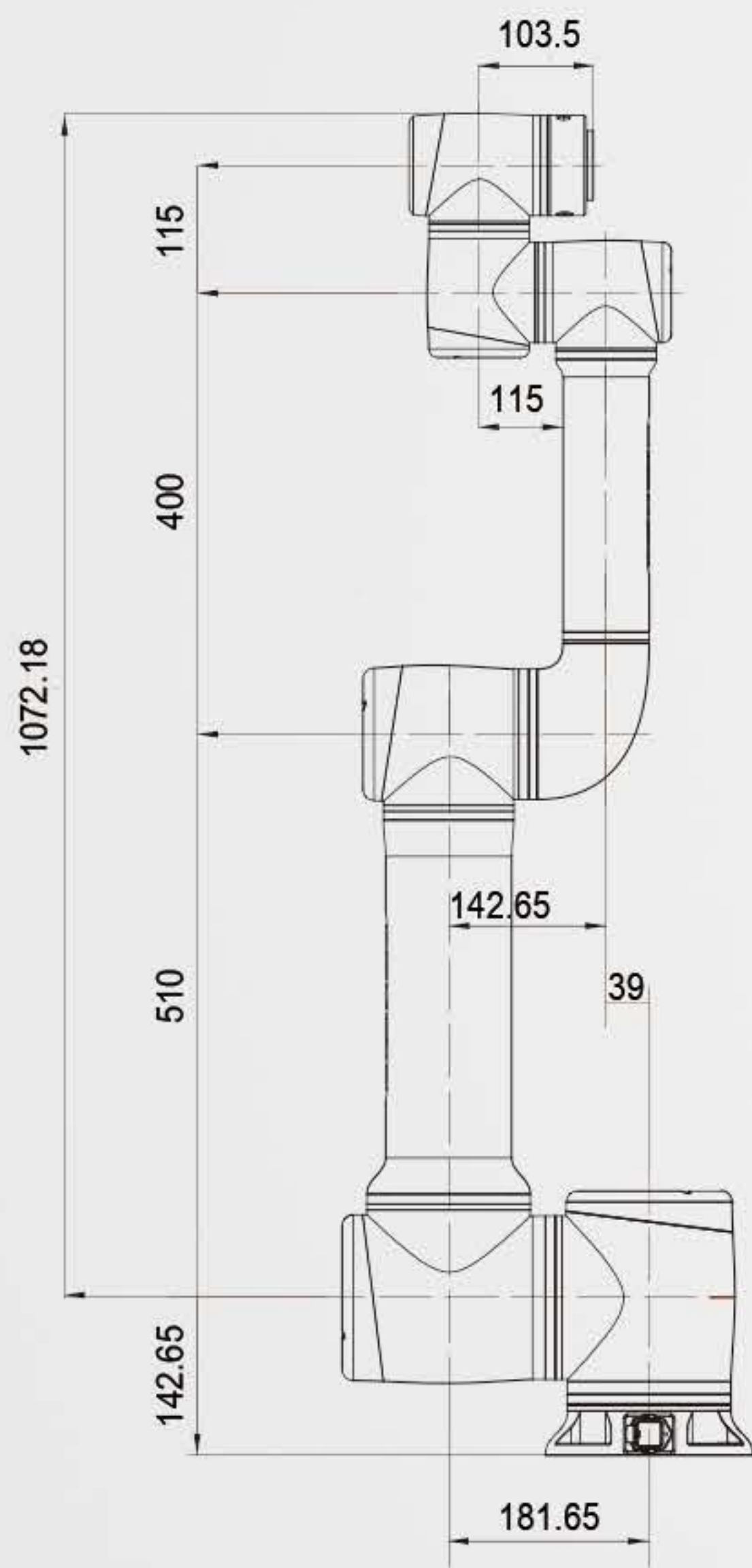


Control Cabinet

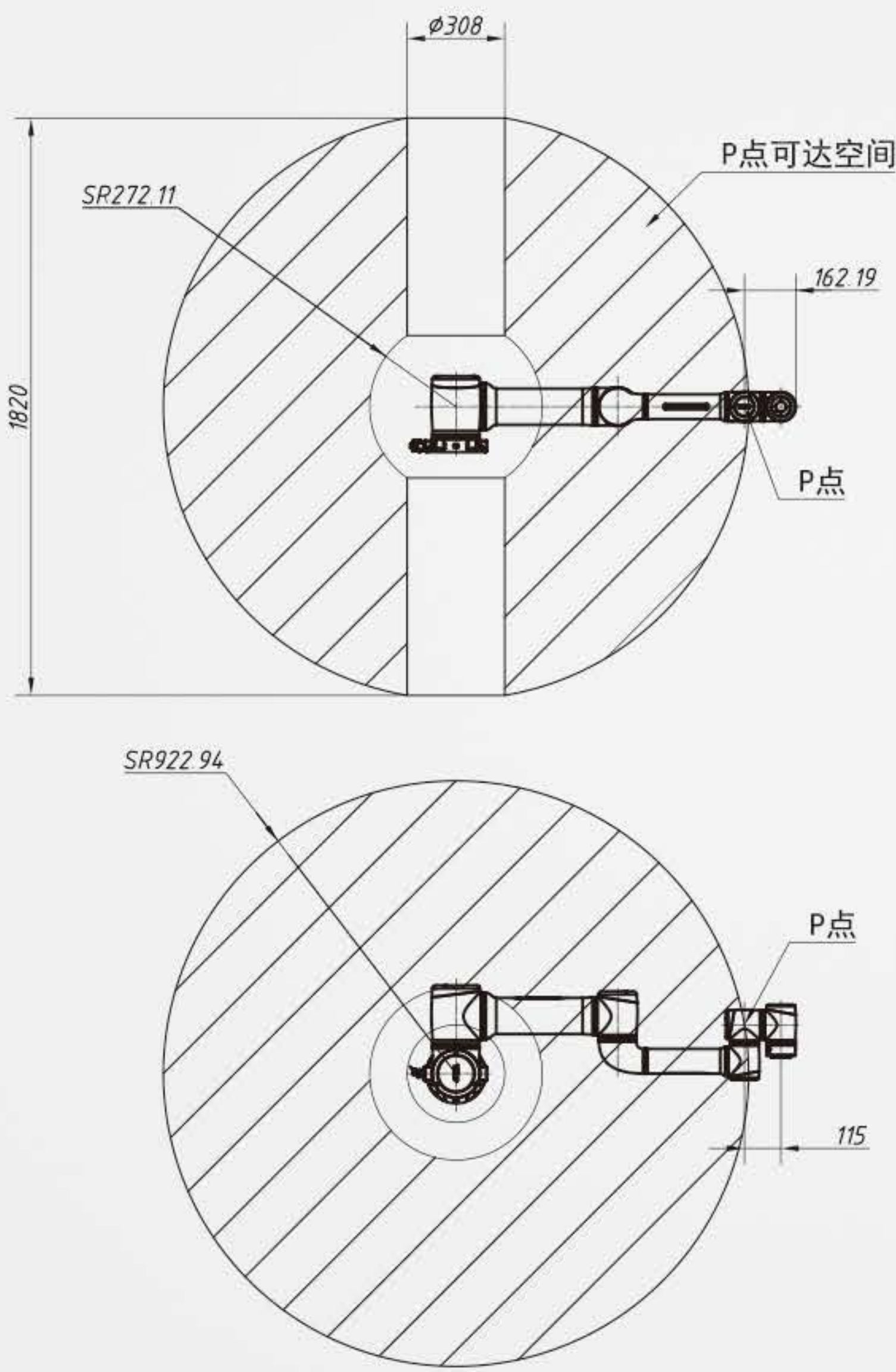
IP Specification	IP44
Tool I/O	16 Digital input/16 Digital output /2 Analog input or output
I/O Power	24V
communication	TCP/IP, Modbus TCP, Modbus RTU
power	100-240VAC, 50-60Hz
size	410×307×235 (mm) (W×H×D)
weight	16kg
material	Stainless steel



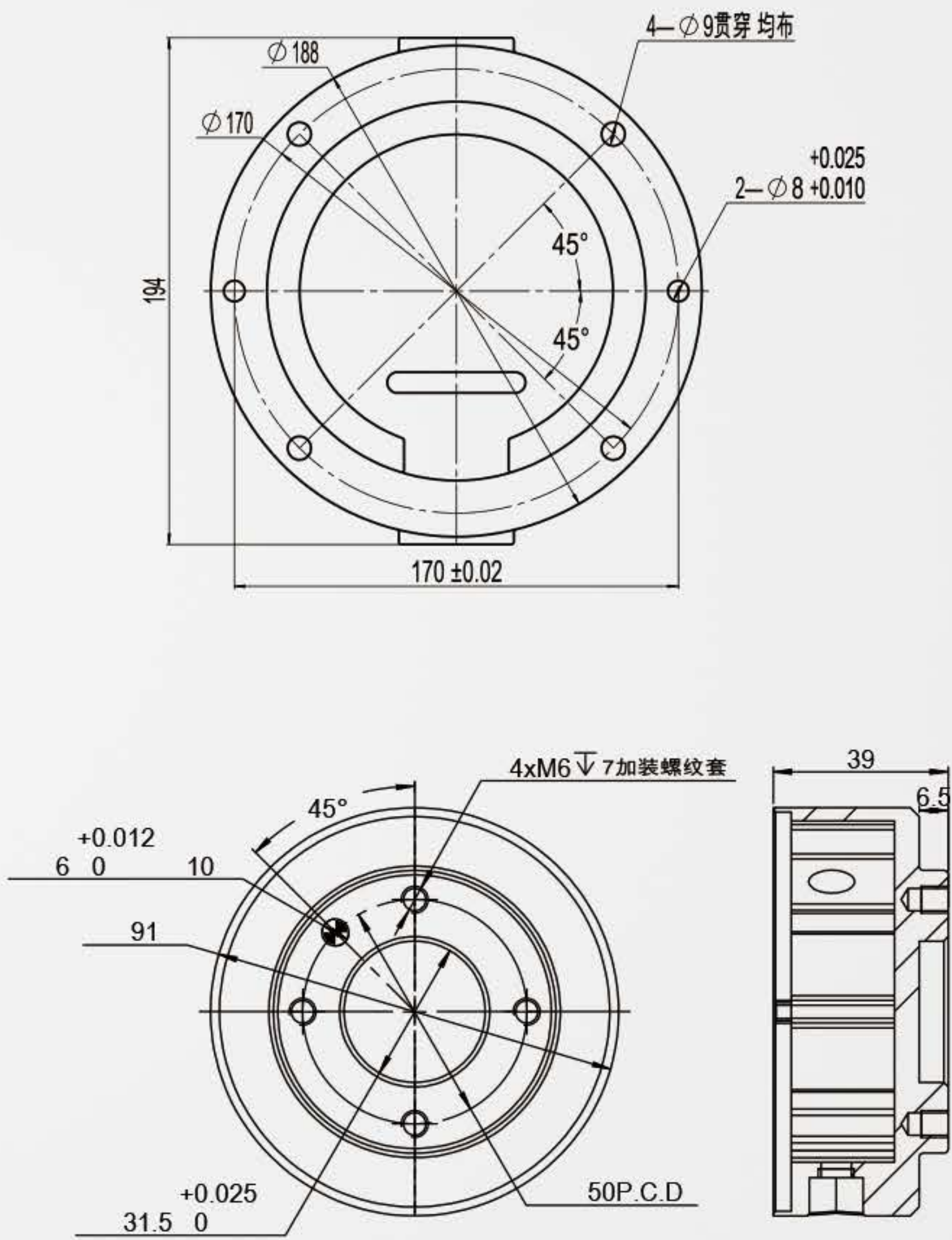
JAKA Zu 18 Layout



JAKA Zu 18 work radius



JAKA Zu 18 P point front view / top view



JAKA Zu 18 base / flange

Shanghai JAKA Robotics Ltd

Address : Room 301, Building 6, No. 555, Dongchuan Road, Minhang District, Shanghai, China

Tel : 400-006-2665 Email : marketing@jaka.com Web : www.jaka.com

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