

SR25A-12/2.01

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Max.load capacity at wrist12kg,, Max.reach2010mm

● Advantages

Flexible Deployment: The hollow arch arm design effectively reduces interference with workpieces, enhancing operational flexibility in complex environments. It ensures the robot achieves optimal working postures in confined spaces.

Precision and Efficiency: Exceptional power performance meets the demands of high precision, speed, and stability required under fast-paced production cycles, adapting to various rigorous manufacturing conditions.

Lightweight Design: Utilizing specialized casting techniques for automotive engine-grade aluminum alloys, the lightweight body, in conjunction with robust driving power, achieves unparalleled velocity and precision.

Intelligent Excellence: An advanced smart control system facilitates easy maintenance and management.

● Application

Arc Welding, Handling, Assembly, Adhesive Application, Loading and Unloading, Laser Welding, etc.

● Installation

Floor, Ceiling

SIASUN ROBOT & AUTOMATION CO., LTD.

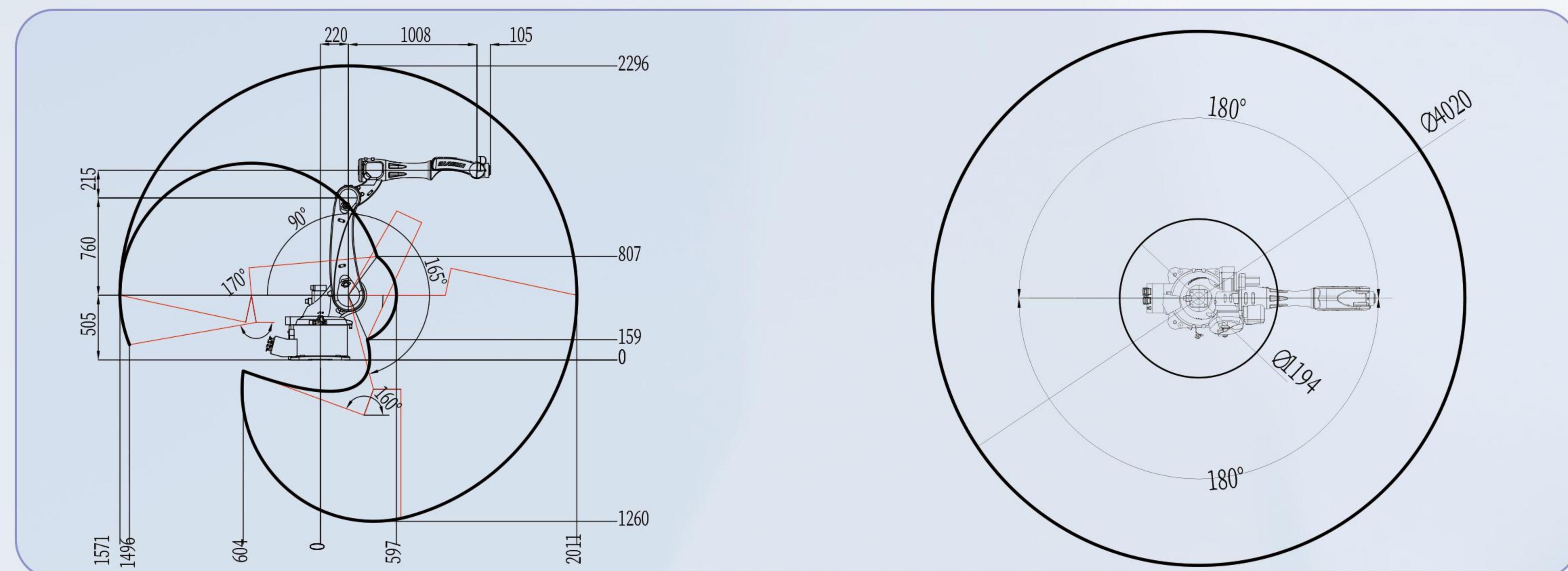
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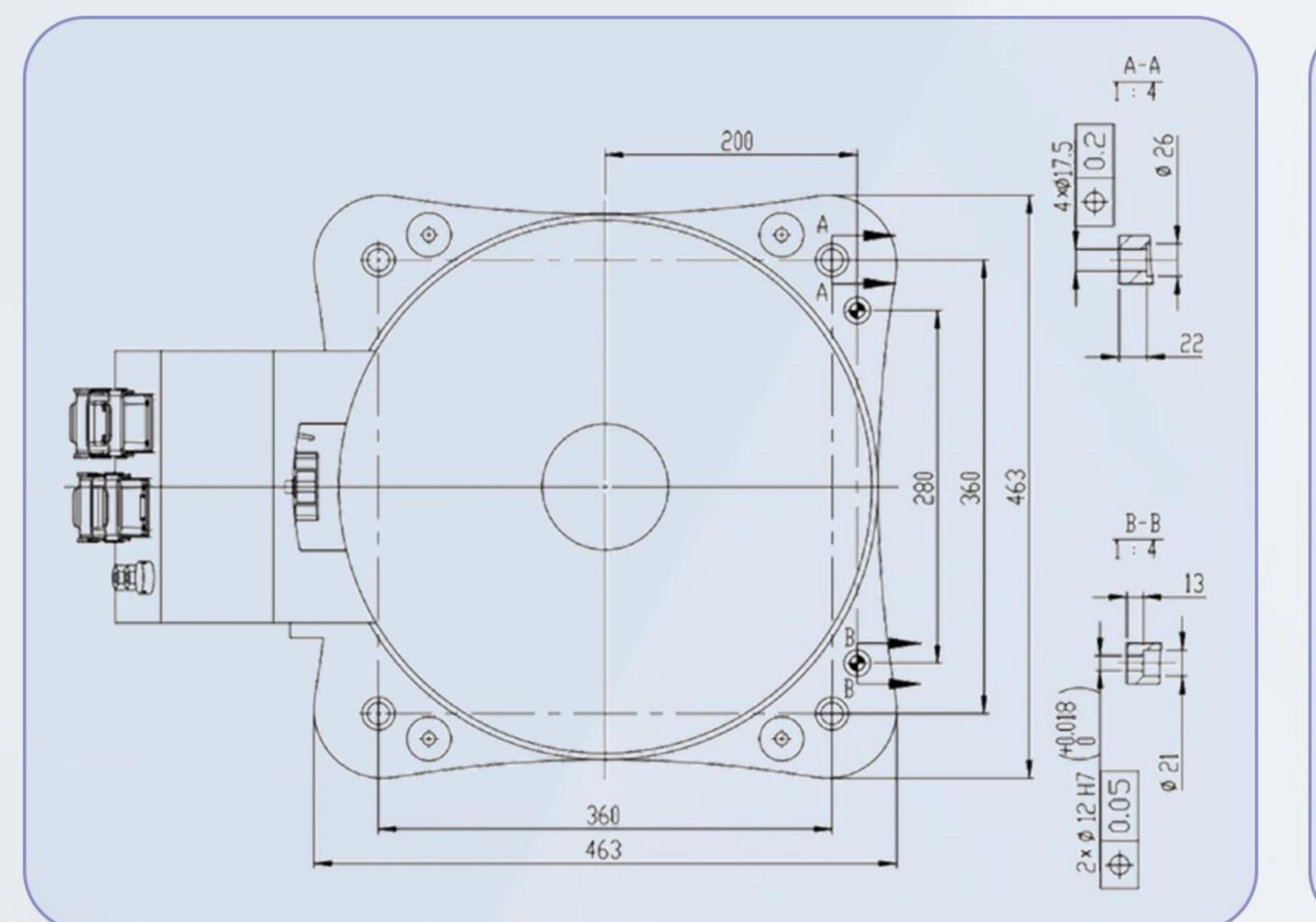
SPECIFICATIONS

Axes	Motion range	Maximum speed	Moment	Inertia	Payload	12kg
J1	±180°	200°/s	-	-	Repeatability	±0.07mm
J2	+90°, -165°	220°/s	-	-	Max.reach	2010mm
J3	+160°, -85°	220°/s	-	-	Body Weight	250kg
J4	±180°	400°/s	23N·m	0.4kg·m ²	Protection (wrist)	IP65
J5	+145°, -160°	430°/s	17N·m	0.35kg·m ²	Input Power	2.2kW
J6	±360°	720°/s	9N·m	0.1kg·m ²	Pre-installed Singal Cables	16cores, 0.2mm ² per conductor

WORKING RANGE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE

