

# SR500A-360/2.83

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**Max.load capacity at wrist 360kg, Max.reach 2833mm**

## ● Advantages

**High Performance and Precision:** Advanced drive technologies and precision manufacturing processes ensure high accuracy and stability when executing a variety of complex tasks.

**Flexibility and Adaptability:** A wide range of motion and flexible joint structures enable easy operation in confined spaces, making them suitable for various production processes such as assembly, handling, etc. enhancing the flexibility and efficiency of manufacturing lines.

**Ease of Programming and Integration:** Equipped with a user-friendly programming interface and a rich suite of software tools, the process of programming and debugging robots is made simpler and faster.

**Stability and Durability:** Utilizing high-quality materials and components, and subjected to rigorous testing, ensures long-term stable operation, reducing downtime and maintenance costs.

## ● Application

## Handling, Cutting, Assembly, Loading and Unloading, etc

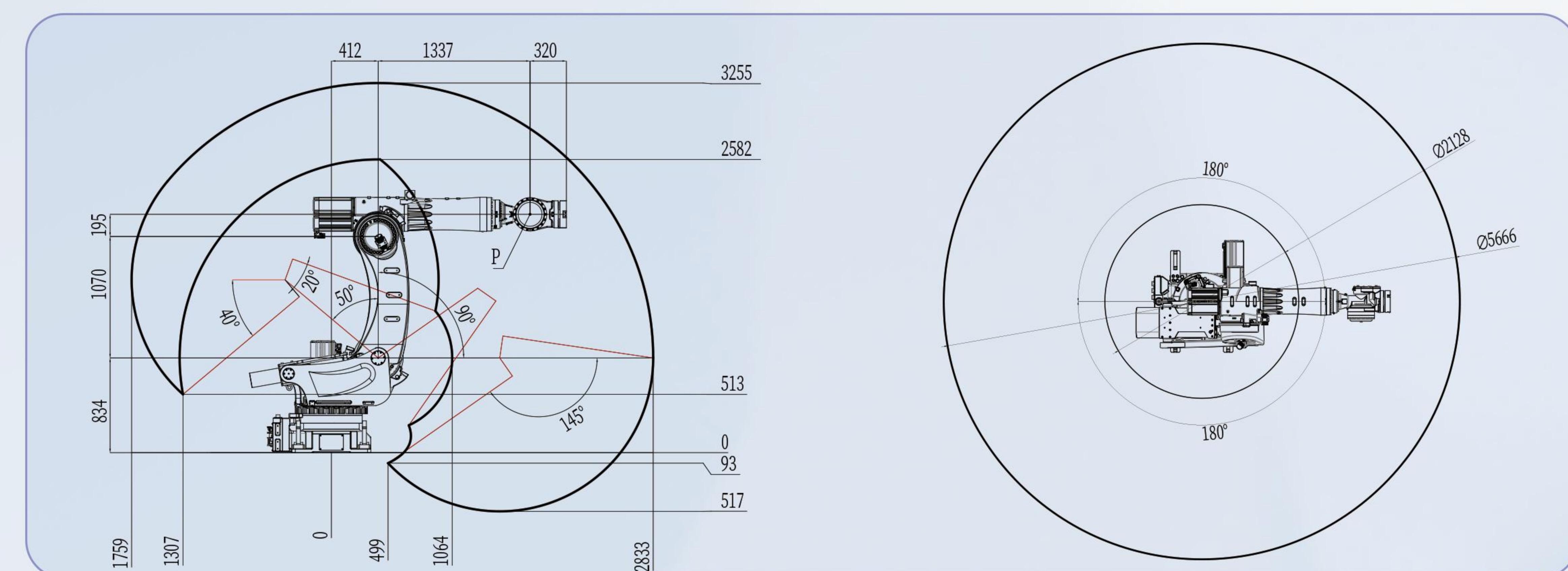
## ● Installation

## Floor

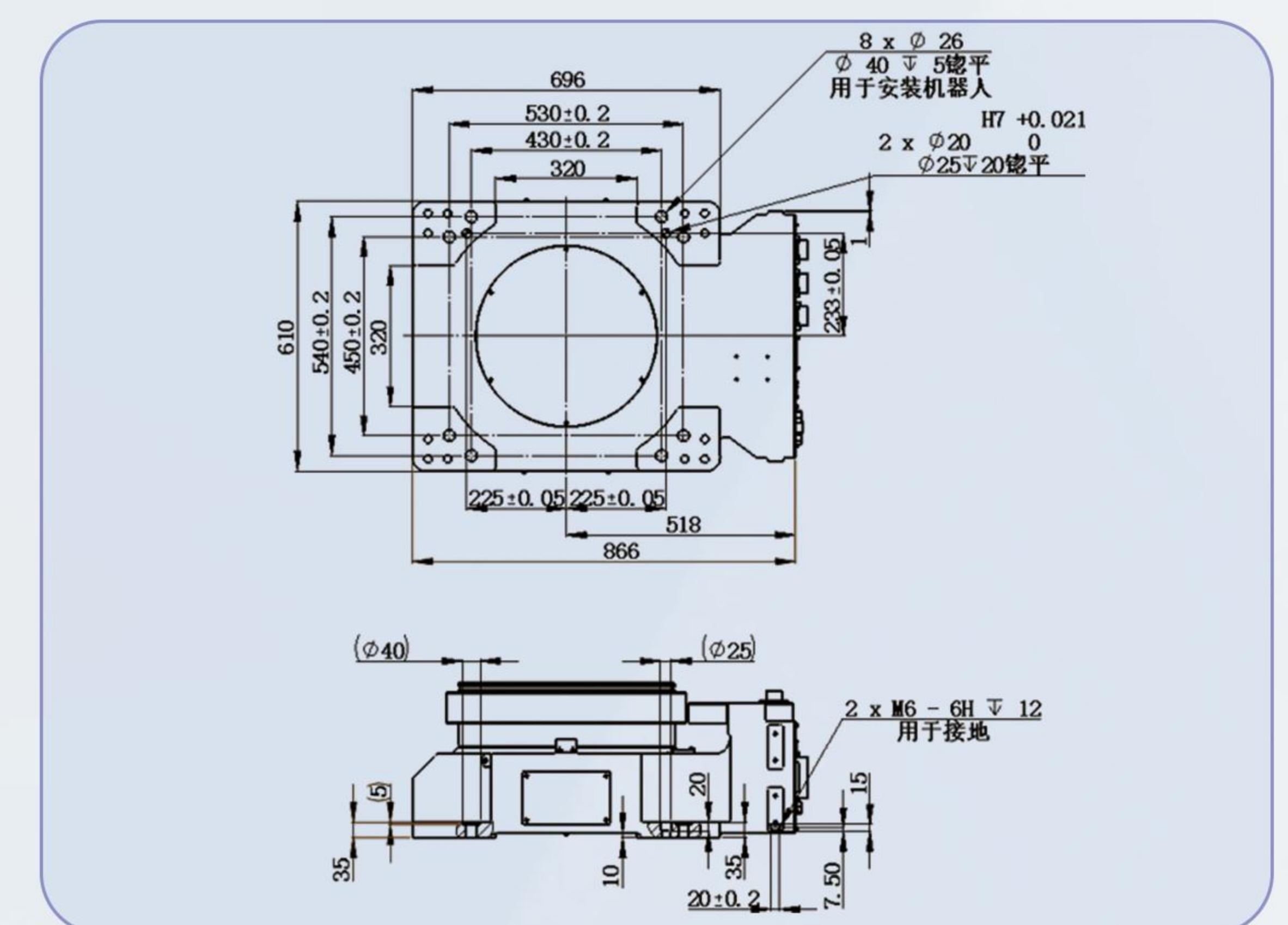
## SPECIFICATIONS

Axes	Motion range	Maximum speed	Moment	Inertia	Payload	360kg
J1	$\pm 180^\circ$	75°/s	-	-	Repeatability	$\pm 0.1\text{mm}$
J2	$+50^\circ, -90^\circ$	65°/s	-	-	Max.reach	2833mm
J3	$+170^\circ, -70^\circ$	65°/s	-	-	Body Weight	2450kg
J4	$\pm 360^\circ$	120°/s	2400N·m	510kg·m <sup>2</sup>	Protection (wrist)	IP67
J5	$\pm 120^\circ$	110°/s	2400N·m	510kg·m <sup>2</sup>	Pre-installed Singal Cables	32cores, 0.2mm <sup>2</sup> per conductor
J6	$\pm 360^\circ$	160°/s	1420N·m	320kg·m <sup>2</sup>		

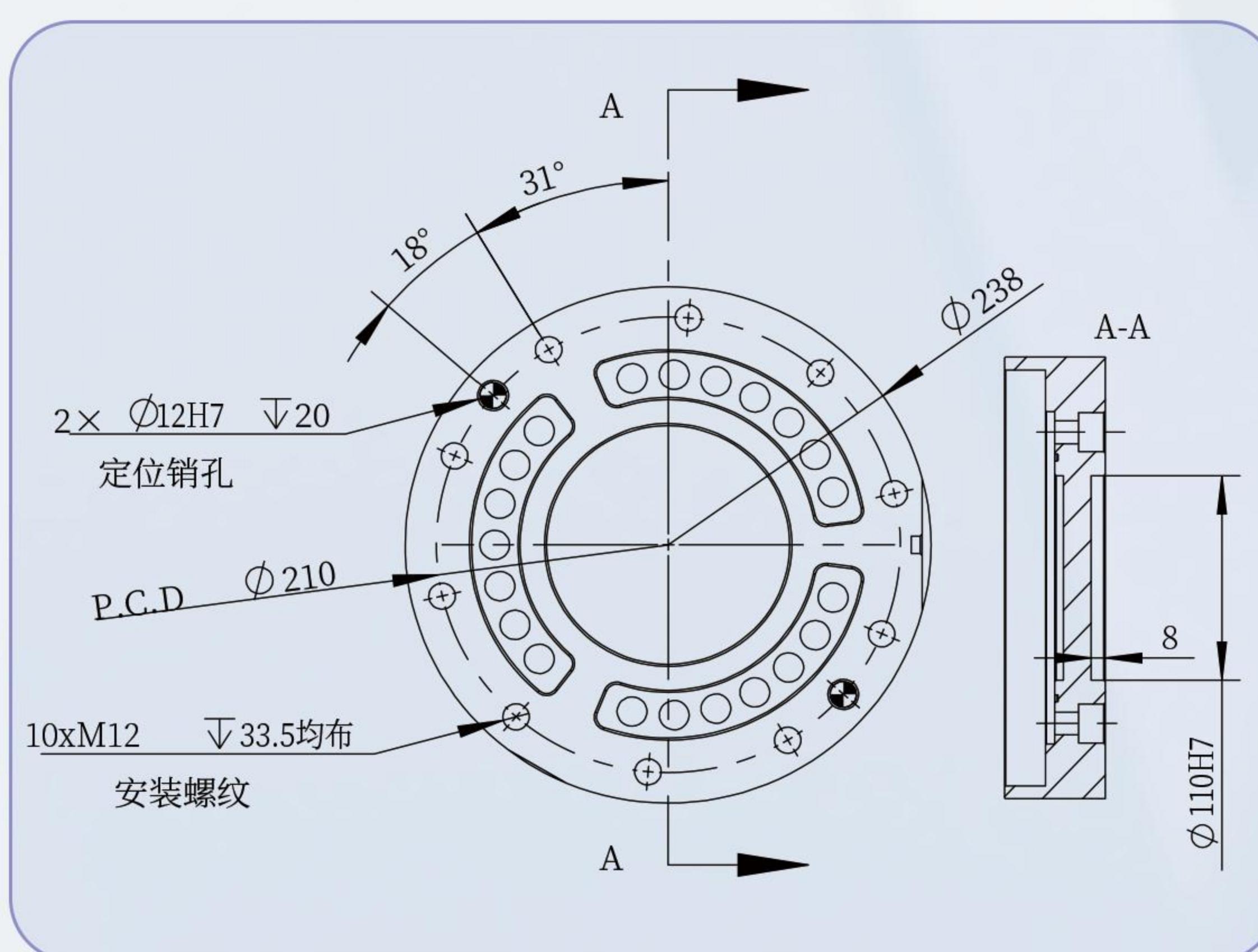
## WORKING RANGE



## BASE MOUNTING SIZE



# END FLANGE MOUNTING SIZE



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