

ER6-2000

ER6-2000,
Maxium payload 6 kg with maxium reach 2010 mm.

■ Highlights

A comprehensive arc welding process software can be integrated to meet the requirements of automatic welding in various scenarios;
Special design of robot fore arm, helps customers easily handle complex surface objects, such as painting of sanitary ware and welding of steel structure.

■ Applications

It can be used in handling, painting, machine tending, arc welding, etc.

■ Industries

Suitable for ceramics, plastic, metal parts, education and other industries.



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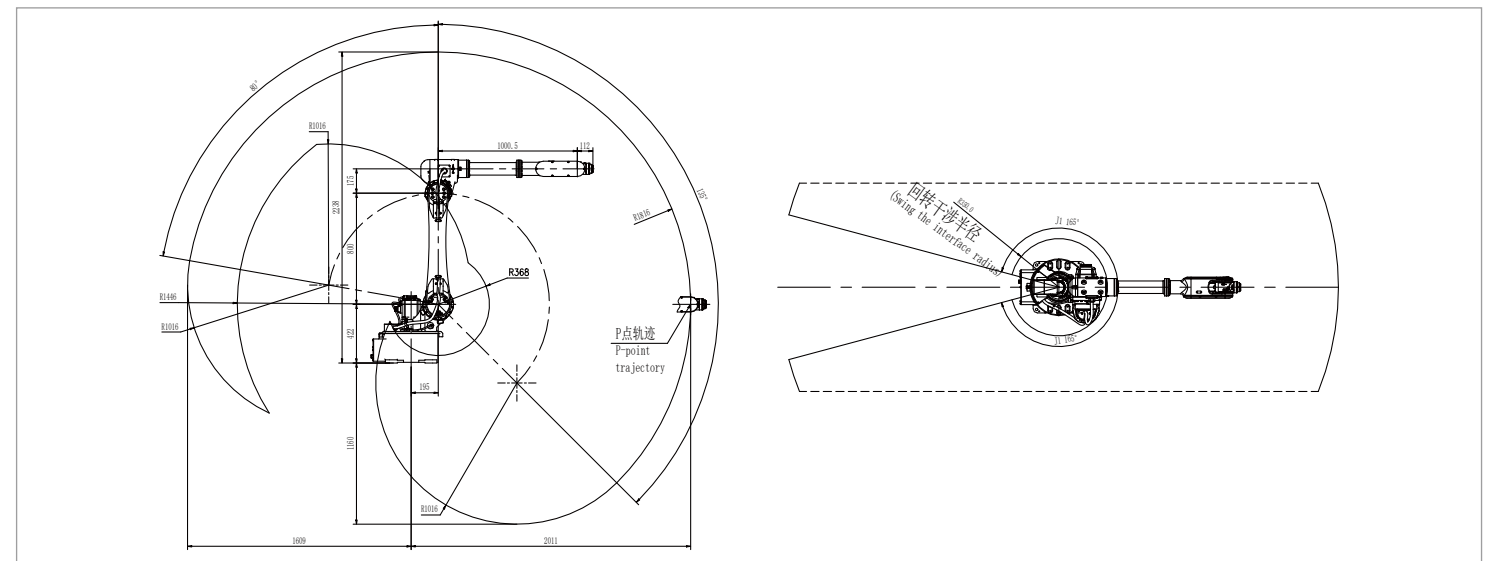
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SPECIFICATIONS

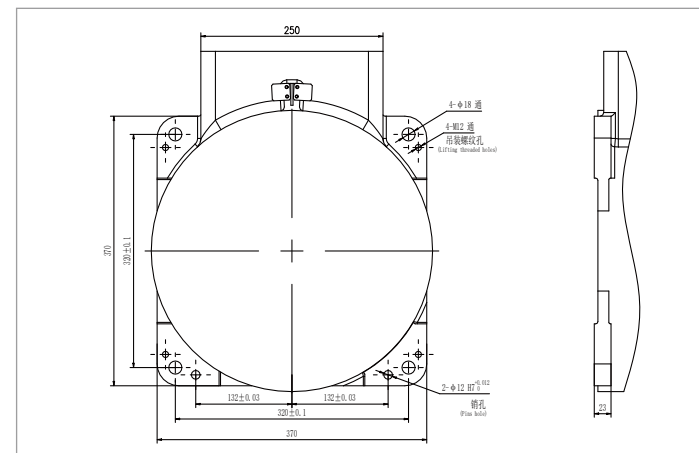
Model		ER6-2000
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		6 kg
Repeatability		±0.05 mm
Robot weight		195 kg
Reach		2010 mm
Robot IP grade		IP54 / IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall, Angle
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s ² (<0.5 G)

Allowable load moment at wrist	J4	12 N·m
	J5	12 N·m
	J6	6 N·m
Allowable load inertia at wrist	J4	0.4 kg·m ²
	J5	0.4 kg·m ²
	J6	0.2 kg·m ²
Maximum speed	J1	160°/sec
	J2	160°/sec
	J3	160°/sec
	J4	300°/sec
	J5	300°/sec
	J6	500°/sec
Motion range	J1	±165°
	J2	+80°/-135°
	J3	+155°/-81°
	J4	±180°
	J5	±130°
	J6	±360°

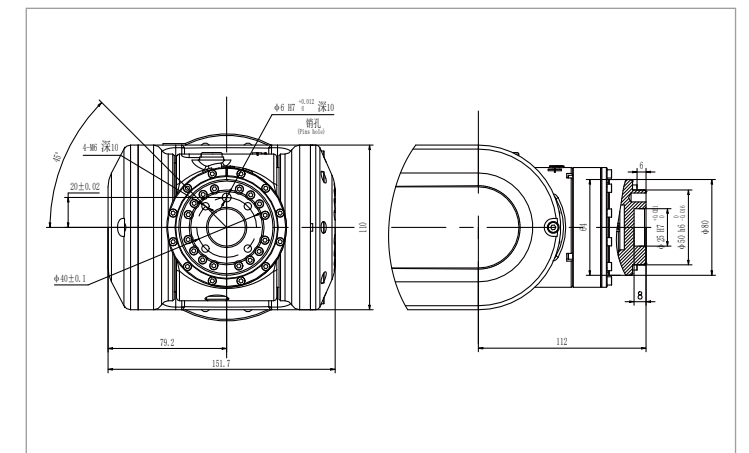
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



*The final interpretation right belongs to EFORT Intelligent Robot Co., Ltd. Any updates will be made without prior notice.

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