ER155-3200

EFORT

ER155-3200,
Maxium payload 155 kg with maxium reach 3197 mm.

Highlights

A brand new heavy-duty platform product, with all shafts connected by rigid gears, providing superior torque performance for the robot wrist;
The robot's repeated positioning accuracy has been improved by 50%, which belongs to the leading level in the same level and can cope with various high-precision application scenarios;
Combining high rigidity transmission design with advanced trajectory algorithms, it has stronger dynamic performance and more stable high-speed operation.

Applications

It can be used in Spot welding, SW-Stud welding, handling operations, cell changing disc and group disc, palletizing, assembling, grinding, polishing, etc.

Industries

Suitable for auto, Lithium battery, photovoltaic, food and beverage, building materials, logistics and warehousing and other industries.

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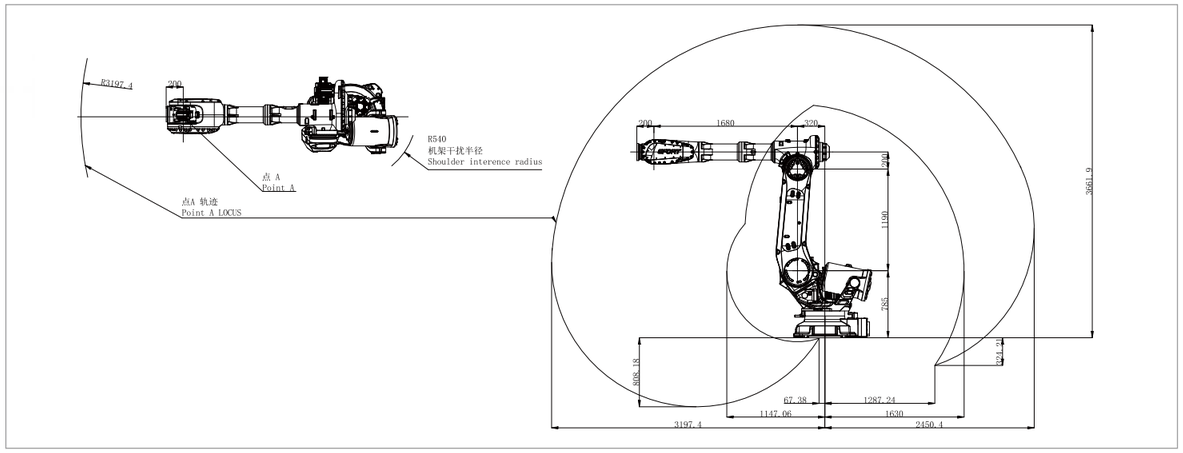
SPECIFICATIONS

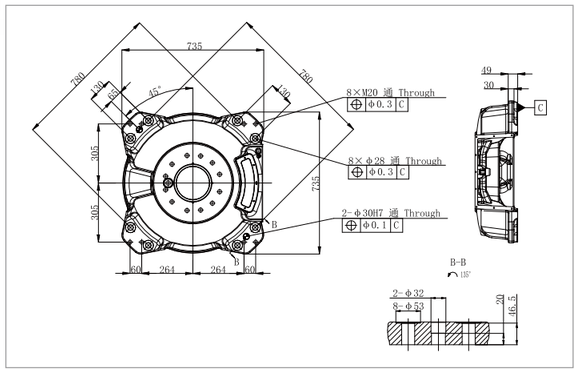
Model		ER155-3200
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		155 kg
Repeatability		±0.05 mm
Robot weight		1350 kg
Reach		3197 mm
Robot IP grade		IP65/IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor
Installation enviroment	**Ambient temperature**	0~45 ℃
	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**	1400 N·m
	J5	1400 N·m
	J6	745 N·m
Allowable load inertia at wrist	**J4**	180 kg·m^2
	J5	180 kg·m^2
	J6	85 kg·m^2
Maximum speed	**J1**	130°/sec
	J2	110°/sec
	J3	115°/sec
	J4	170°/sec
	J5	120°/sec
	J6	220°/sec
Motion range	**J1**	±185°
	J2	+65°/-85°
	J3	+180°/-70°
	J4	±360°
	J5	±130°
	J6	±360°

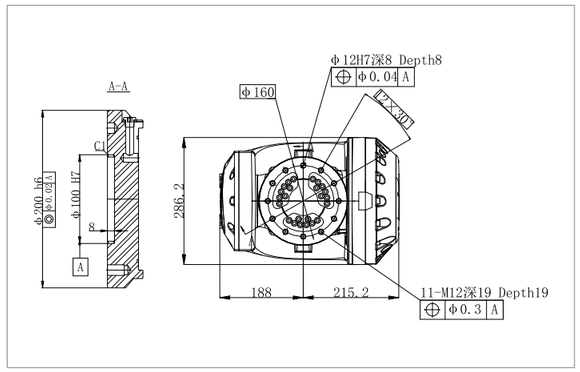
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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