

ER360-2700

ER360-2700,
Maxium payload 360 kg with maxium reach 2702 mm.

- Highlights

The all-new heavy-duty platform product features fully rigid gear connections on all axes, delivering superior robot wrist torque performance. With a 50% improvement in repeat positioning accuracy, leading its class, the robot is capable of handling various high-precision applications. Combining a high-rigidity transmission design with advanced trajectory algorithms, it demonstrates enhanced dynamic performance and ensures stable high-speed operation.
- Applications

Applicable to scenarios such as loading and unloading, handling and palletizing.
- Industries

Suitable for fields like automotive, lithium battery & photovoltaic, food and beverage, building materials, and warehousing & logistics.



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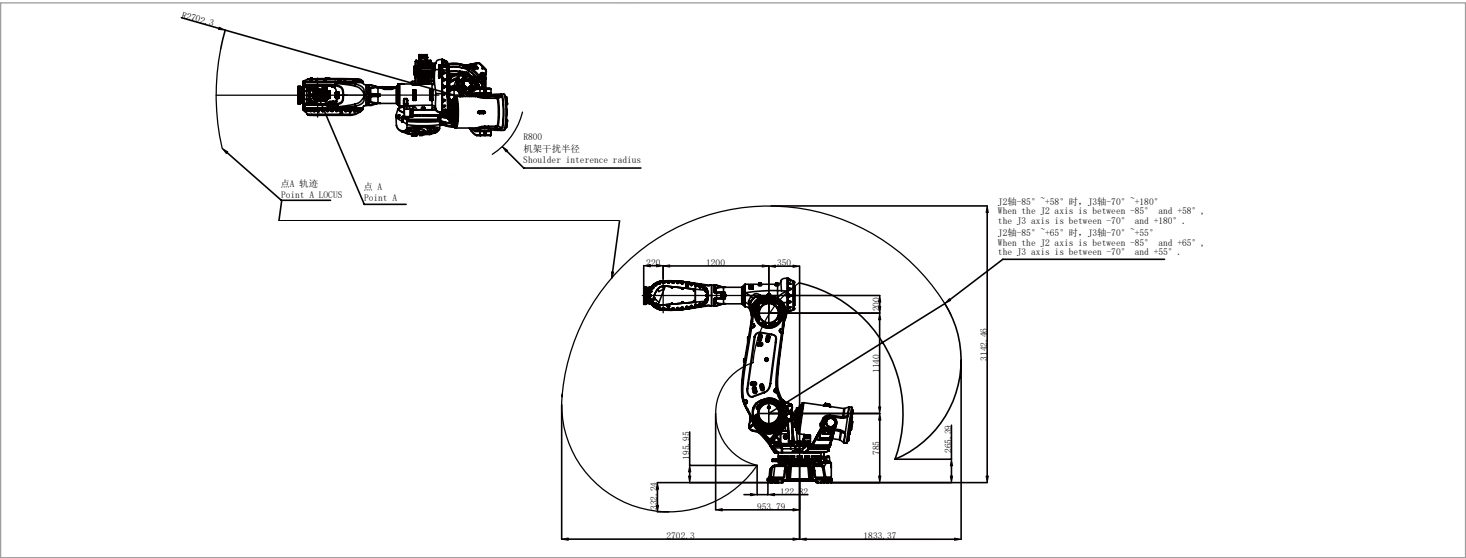
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SPECIFICATIONS

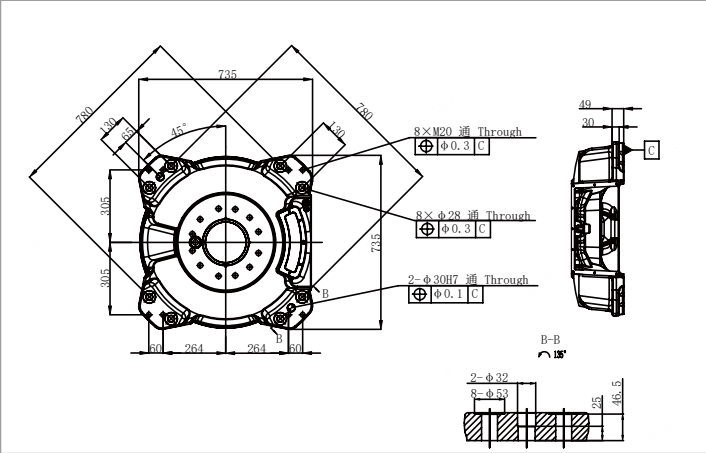
Model		ER360-2700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		360 kg
Repeatability		±0.05 mm
Robot weight		1580 kg
Reach		2702 mm
Robot IP grade		IP65/IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor
Installation enviroment	Ambient temperature	0~45 °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	J 4	1830 N·m
	J 5	1830 N·m
	J 6	900 N·m
Allowable load inertia at wrist	J 4	325 kg·m ²
	J 5	325 kg·m ²
	J 6	230 kg·m ²
Maximum speed	J 1	105°/sec
	J 2	100°/sec
	J 3	110°/sec
	J 4	140°/sec
	J 5	110°/sec
	J 6	180°/sec
Motion range	J 1	±185°
	J 2	+65°/-85°
	J 3	+180°/-70°
	J 4	±360°
	J 5	±130°
	J 6	±360°

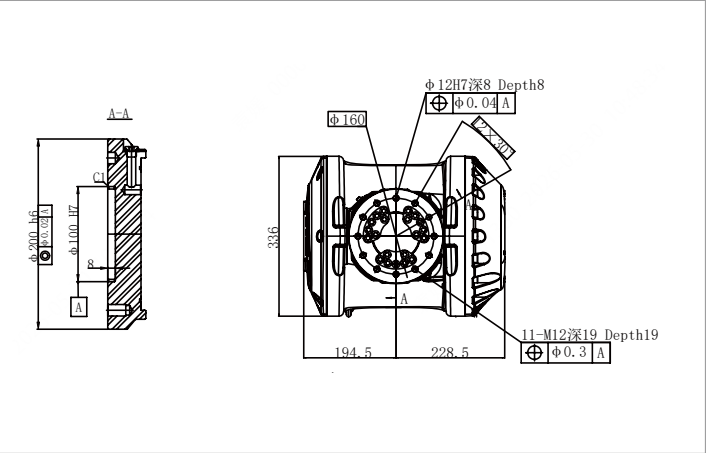
OPERATING SPACE



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.