

ER20-1700

ER20-1700,
Maxium payload 20 kg with maxium reach 1722 mm.

■ Highlights

Thanks to the new design of wrist, inertia and bearing capacity are increased by 20% with wider application scope;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application scenarios.

■ Applications

It can be used in handling operations, assembling, grinding, polishing, deburring, etc.

■ Industries

Suitable for metal parts, photovoltaic, logistics, food and beverage and other industries.



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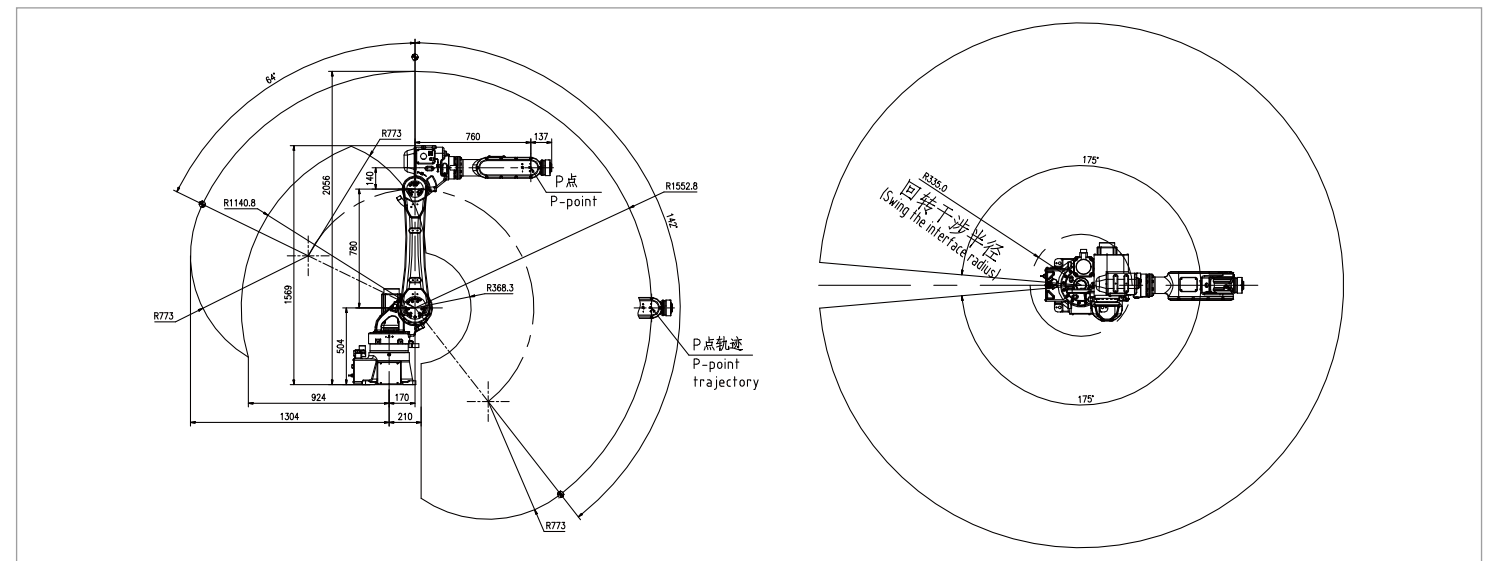
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SPECIFICATIONS

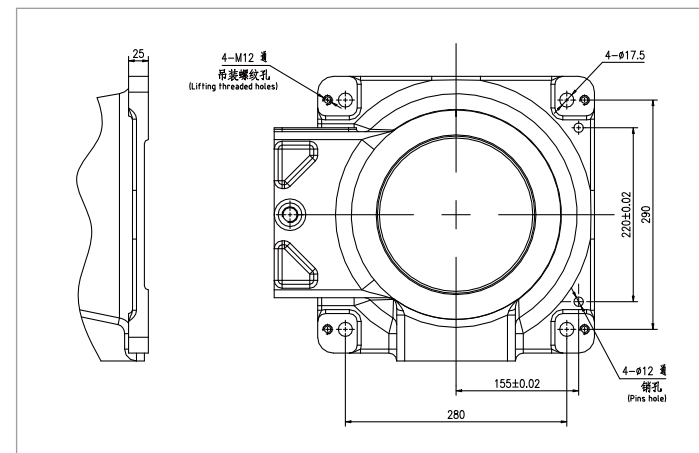
Model		ER20-1700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		20 kg
Repeatability		±0.05 mm
Robot weight		220 kg
Reach		1722 mm
Robot IP grade		IP54/IP67 (Wrist)
Cabinet IP grade		IP43
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall
Installation enviroment	Ambient 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	42 N•m
	J5	42 N•m
	J6	26 N•m
Allowable load inertia at wrist	J4	1.18 kg•m ²
	J5	1.18 kg•m ²
	J6	0.8 kg•m ²
Maximum speed	J1	170°/sec
	J2	150°/sec
	J3	146°/sec
	J4	360°/sec
	J5	360°/sec
	J6	550°/sec
Motion range	J1	±175°
	J2	+64°/-142°
	J3	+165°/-73°
	J4	±178°
	J5	±128°
	J6	±720°

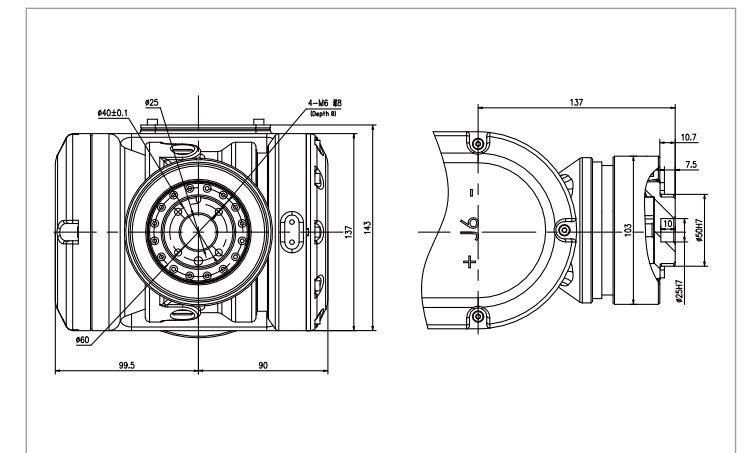
OPERATING SPACE



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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