

ER20-1700

EFORT

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.

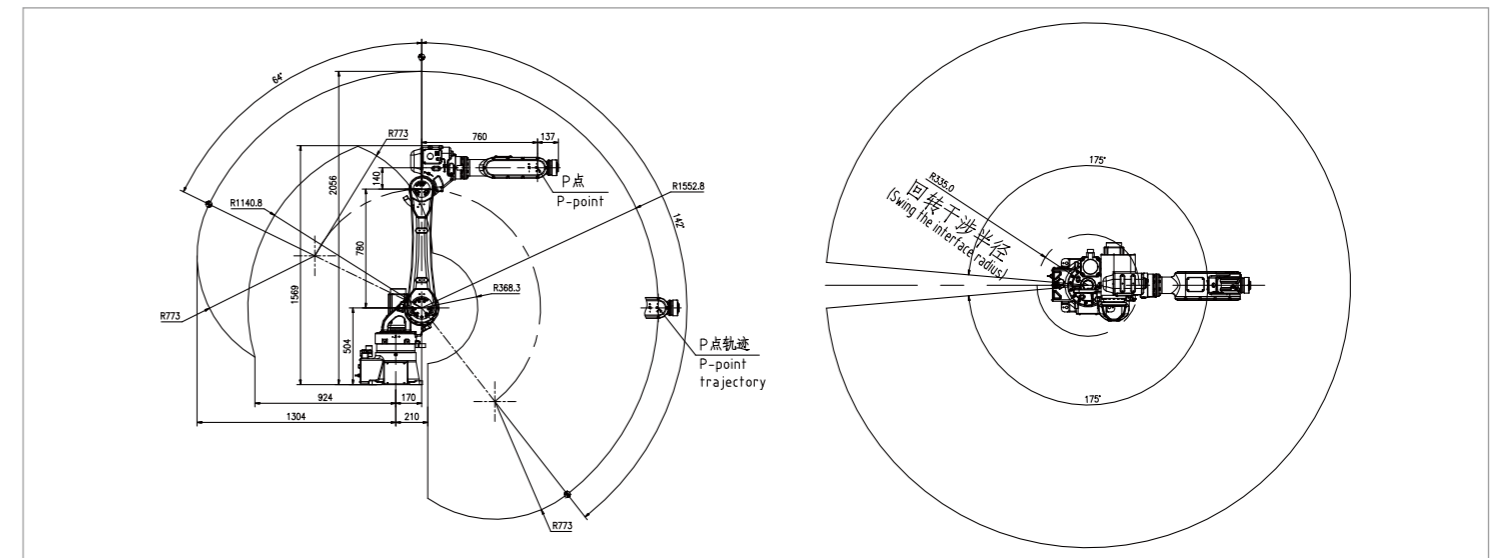


SPECIFICATIONS

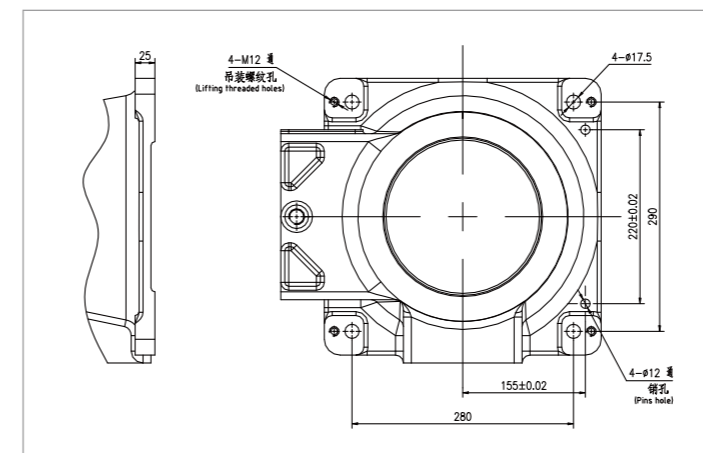
Model	ER20-1700	
Type	Articulated	
Controlled axes	6 Axes	
Max. payload on wrist	20 kg	
Repeatability	±0.05 mm	
Robot weight	220 kg	
Reach	1722 mm	
Robot IP grade	IP54/IP67 (Wrist)	
Cabinet IP grade	IP43	
Drive mode	AC servo drive	
Installation	Floor, Upside-down, Wall	
Installation enviroment	Ambient 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°

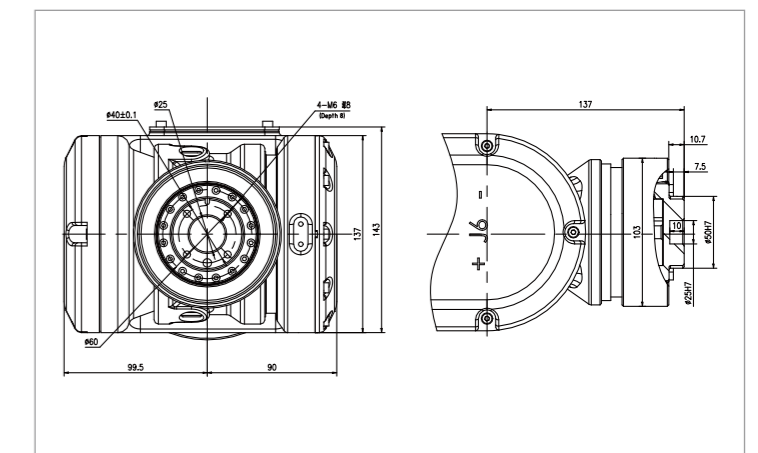
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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