

ER12-900

EFORT

ER12-900,
Maxium payload 12 kg with maxium reach 944 mm.

■ **Applications**

It can be used in handling operations(machine tending), sorting, assembling, grinding, polishing, Arc welding,etc.

■ **Industries**

Suitable for PCB, electronic manufacturing, plastic, metal parts and other industries.

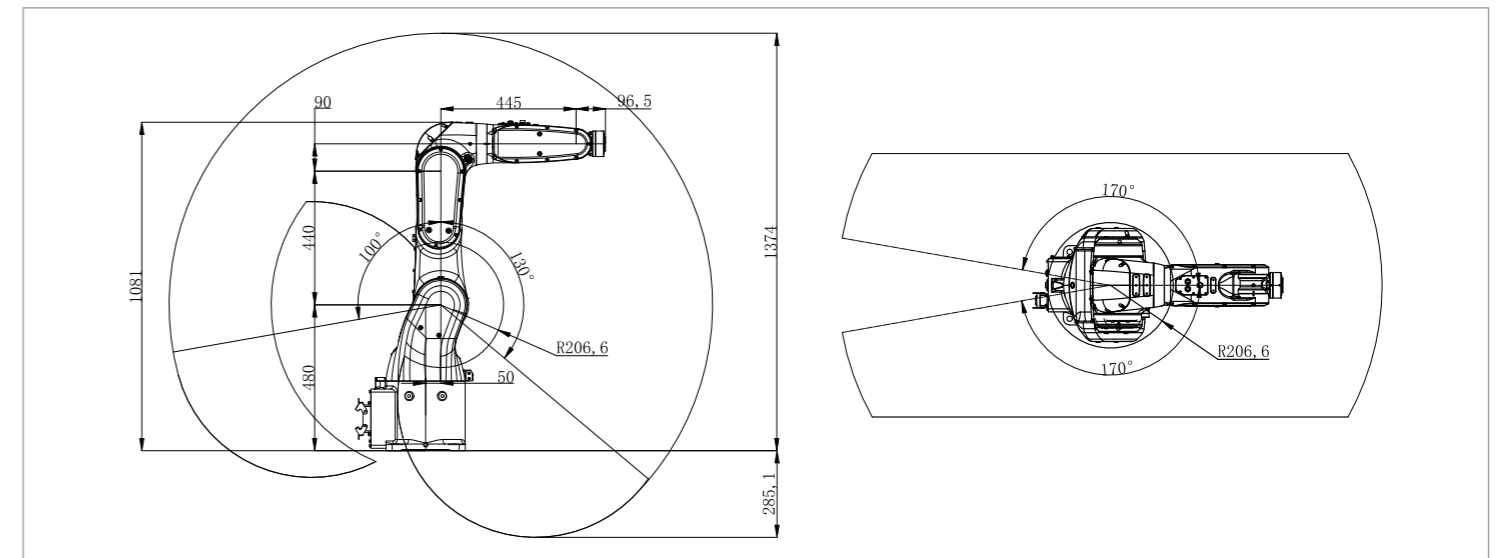


SPECIFICATIONS

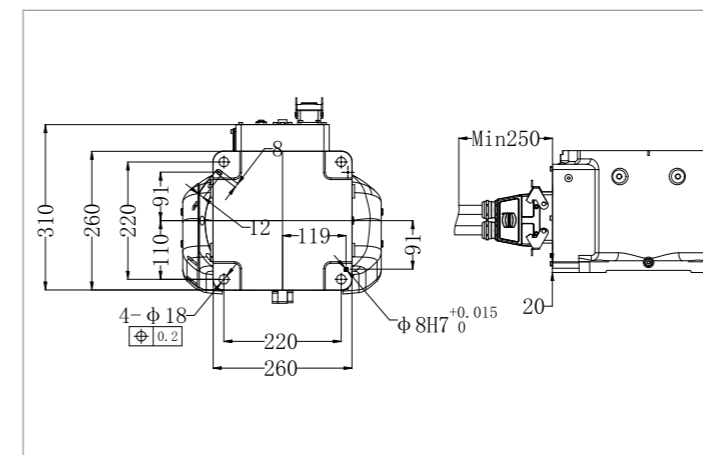
Model	ER12-900	
Type	Articulated	
Controlled axes	6 Axes	
Max. payload on wrist	12 kg	
Repeatability	±0.02 mm	
Robot weight	75 kg	
Reach	944 mm	
Robot IP grade	IP65 / IP67 (Wrist)	
Cabinet IP grade	IP20 / IP54 (Optional)	
Drive mode	AC servo drive	
Installation	Floor, Upside-down, Wall	
Installation 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	25 N·m
	J5	25 N·m
	J6	12 N·m
Allowable load inertia at wrist	J4	0.78 kg·m ²
	J5	0.78 kg·m ²
	J6	0.3 kg·m ²
Maximum speed	J1	245°/sec
	J2	225°/sec
	J3	330°/sec
	J4	500°/sec
	J5	420°/sec
	J6	720°/sec
Motion range	J1	±170°
	J2	+100°-130°
	J3	+193°-75°
	J4	±190°
	J5	±120°
	J6	±360°

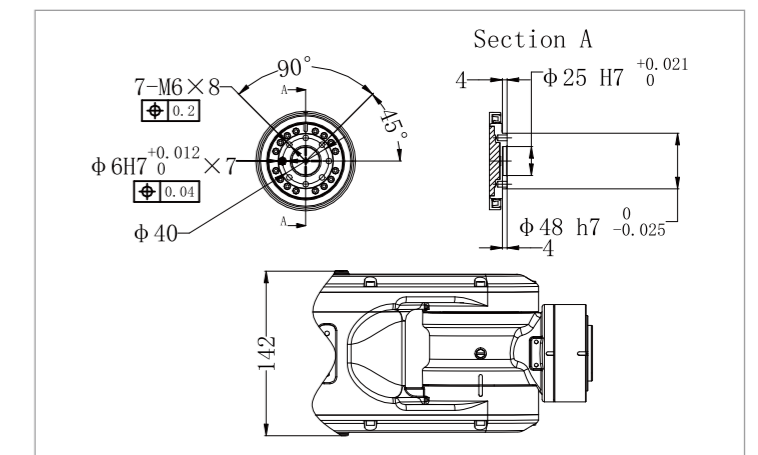
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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