

ER10-700

ER10-700,
Maxium payload 10 kg with maxium reach 712 mm.

■ Highlights

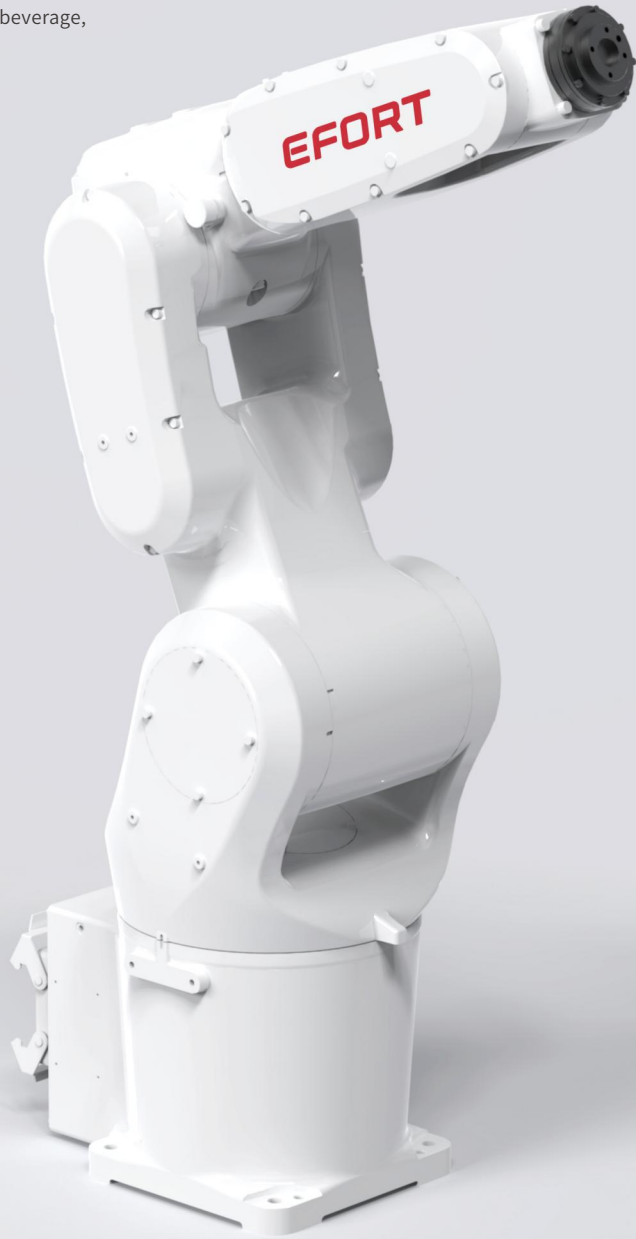
High protection level IP65 of the robot body help customers easy to face dusty, oil misty, high humidity and other harsh environment;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application scenarios.

■ Applications

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

■ Industries

Suitable for electronic manufacturing, food and beverage, metal parts, education, plastic, pharmaceutical and other industries.



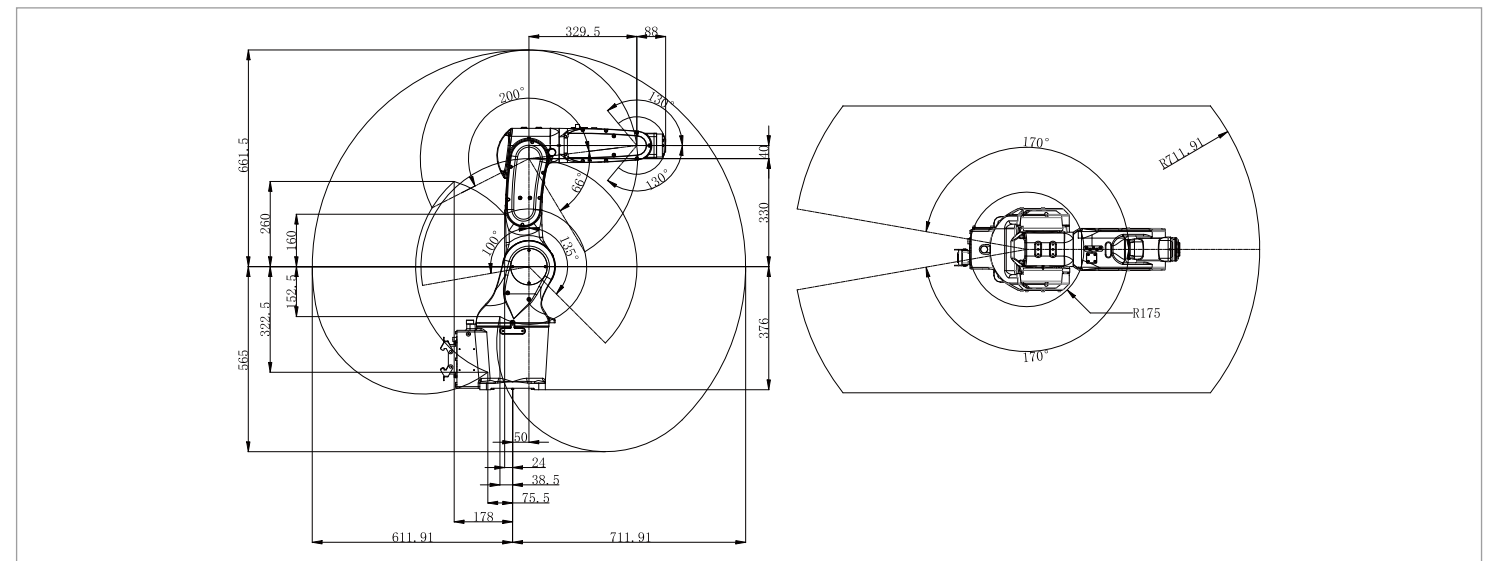
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SPECIFICATIONS

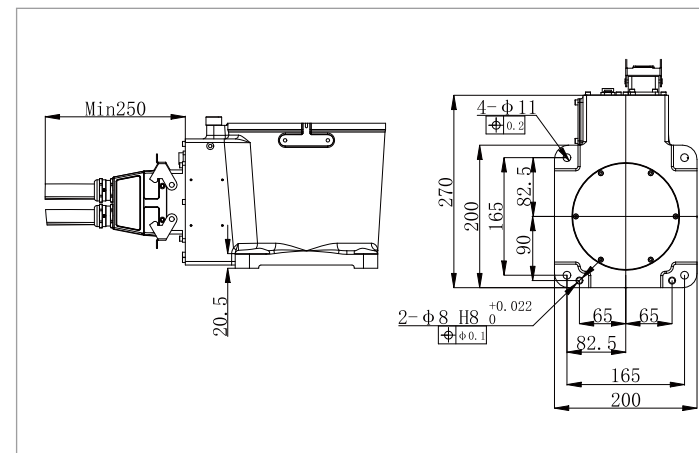
Model		ER10-700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		10 kg
Repeatability		±0.02 mm
Robot weight		41 kg
Reach		712 mm
Robot IP grade		IP65/IP67 (Wrist)
Cabinet IP grade		IP20/IP54 (Optional)
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall
Installation enviroment	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	20 N•m
	J5	20 N•m
	J6	10 N•m
Allowable load inertia at wrist	J4	0.60 kg•m ²
	J5	0.60 kg•m ²
	J6	0.20 kg•m ²
Maximum speed	J1	330°/sec
	J2	300°/sec
	J3	400°/sec
	J4	450°/sec
	J5	420°/sec
	J6	600°/sec
Motion range	J1	±170°
	J2	+100°/-135°
	J3	+200°/-66°
	J4	±190°
	J5	±130°
	J6	±360°

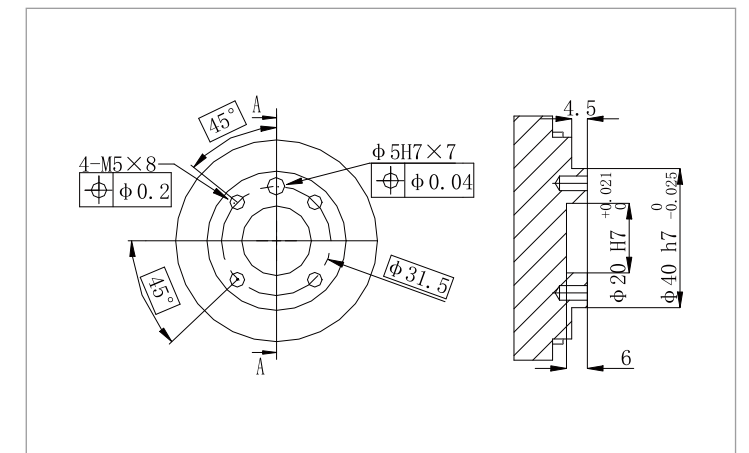
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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