

ER10-700

EFORT

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

■ **Highlights**

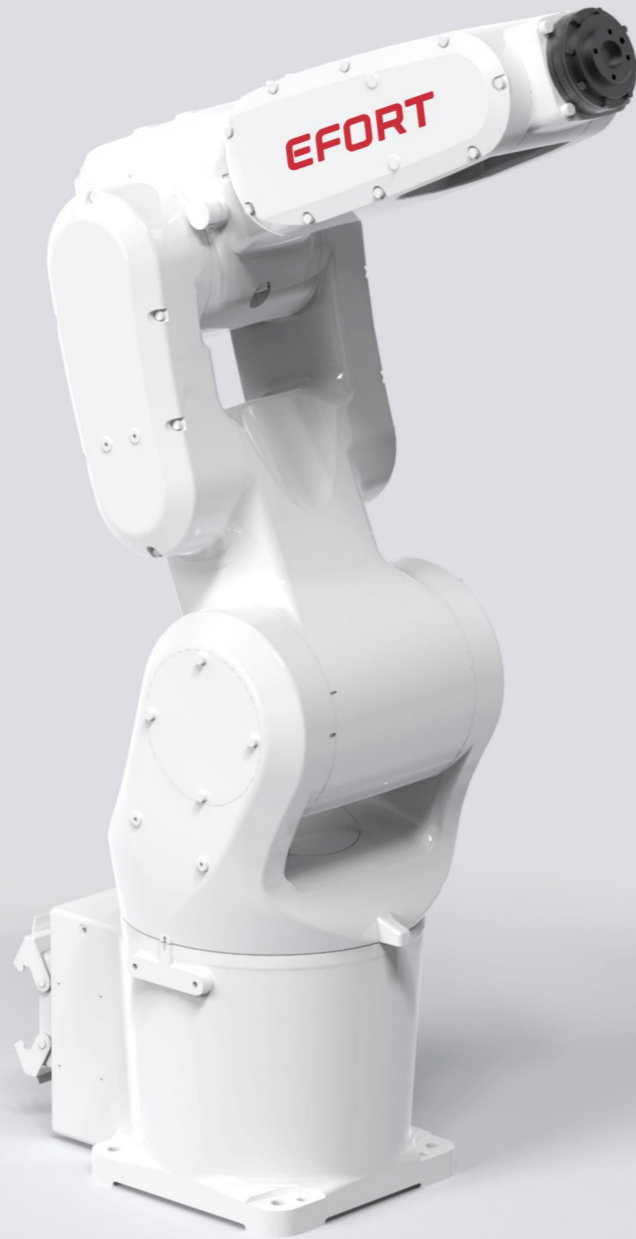
High protection level IP65 of the robor body help customers easy to face dusty, oil misty, high humidity and other harsh environment;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application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

■ **Applications**

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

■ **Industries**

Suitable for 3C, food and beverage, metal parts, education, plastic, pharmaceutical and other industries.

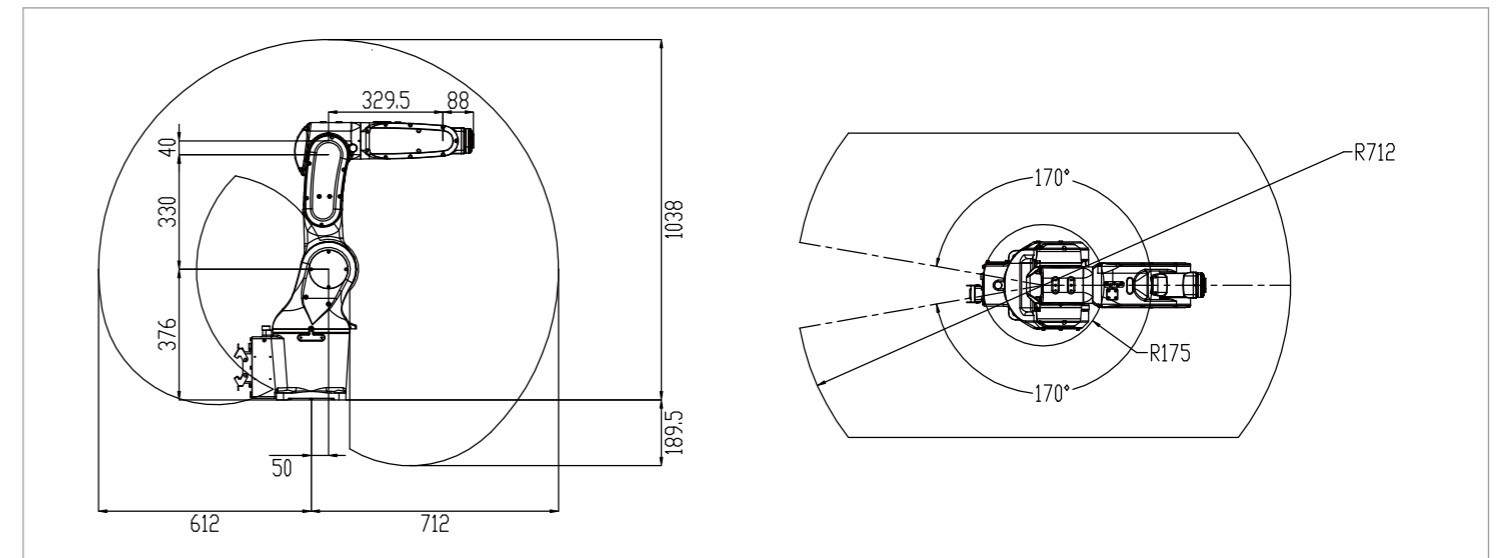


SPECIFICATIONS

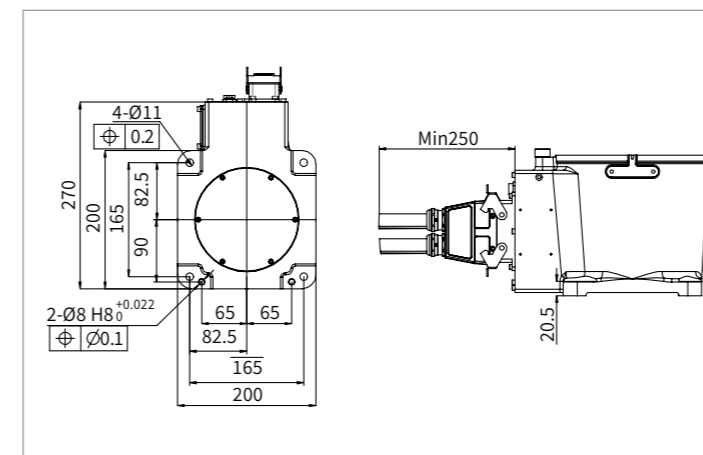
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|--------------------------------|-------------------------------|-----------------------------------|
| Model | ER10-700 | |
| Type | Articulated | |
| Controlled axes | 6 Axes | |
| Max. payload on wrist | 10 kg | |
| Repeatability | ±0.02 mm | |
| 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° |

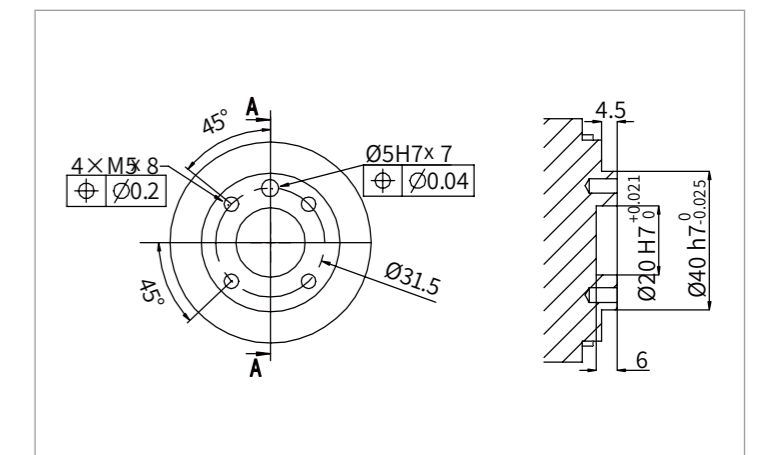
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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