# ER15H-1400



# ER15H-1400,

Maxium payload 15 kg with maxium reach 1479 mm.

#### ■ Highlights

Thanks to the large and hollow design, the cable can be routed in a hollow way, effectively improving the service life of the cable, and the posture change in a narrow space is more flexible;

High-rigid gearbox with strong impact resistance helps customers challenge various application scenarios;

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, sorting, grinding, polishing, etc.

#### Industries

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



# EFORT INTELLIGENT EQUIPMENT CO.,LTD.

PHONE: (00 86) 400-052-8877

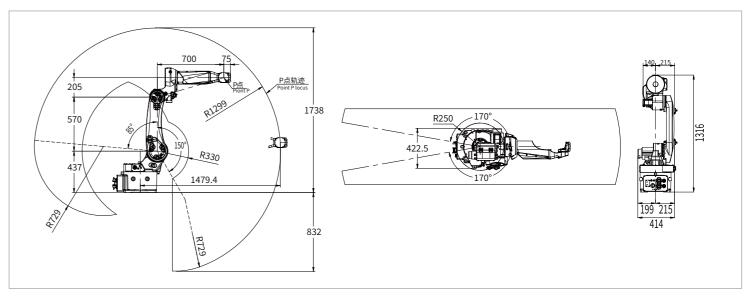
ADDRESS: No.96 East Wanchun Road, China(Anhui) Pilot
Free Trade Zone Wuhu Area, Wuhu, Anhui Province, China
WWW.EFORT.COM.CN

# **SPECIFICATIONS**

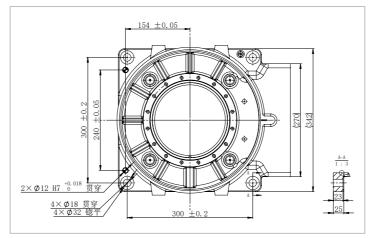
Model		ER15H-1400
Туре		Articulated
Controlled axes		6 Axes
Max. payload on wrist		15 kg
Repeatability		±0.03 mm
Robot weight		165 kg
Reach		1479 mm
Robot IP grade		IP54 / IP67 (Wrist)
Cabinet IP grade		IP20/ IP54 (Optional)
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s <sup>2</sup> (<0.5 G)

	J 4	26 N•m
Allowable load moment at wrist	J5	26 N•m
moment at mist	J6	11 N·m
Allanoshladaad	J 4	0.9 kg·m²
Allowable load inertia at wrist	J5	0.9 kg·m²
	J6	0.3 kg·m²
	J1	265°/sec
	J2	255°/sec
Maximum speed	J3	270°/sec
•	J 4	450°/sec
	J 5	450°/sec
	J6	700°/sec
	J1	±170°
	J2	+85°/-150°
	J3	+175°/-85°
Motion range	J 4	±190°
otton range	J5	$\pm190^{\circ}$ (The connect outside robot body.) $\pm140^{\circ}$ (The connect inside robot body.)
	J6	$\pm450^{\circ}$ (The connect outside robot body.) $\pm220^{\circ}$ (The connect inside robot body.)

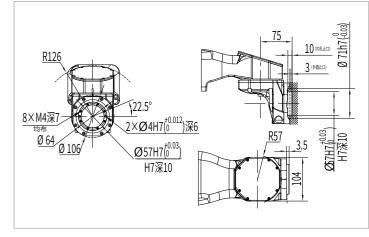
# **OPERATING SPACE**



#### **BASE MOUNTING SIZE**



#### **END FLANGE MOUNTING SIZE**



Information Release Time 2024/06