

CRP-RA26-220

HEAVY PAYLOAD HANDLING ROBOT



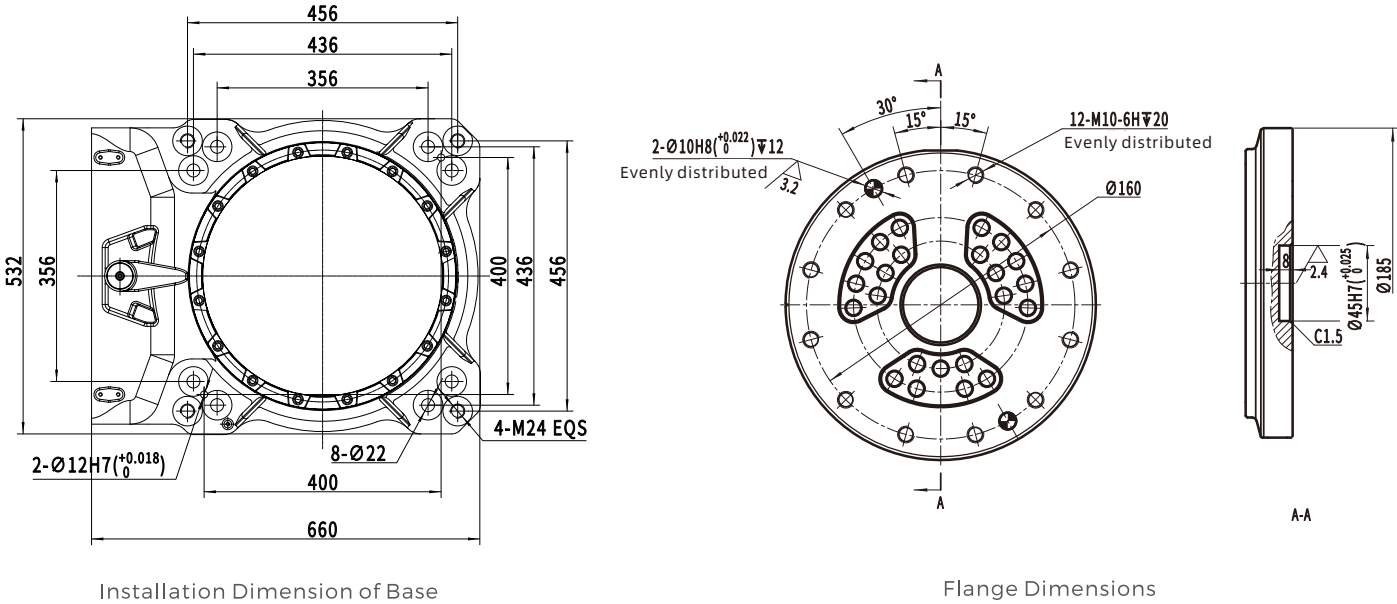
ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RA26-220
Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		220kg
Maximum coverage		2650mm
Maximum travel	Axis 1	-180°~180°
	Axis 2	-76°~64°
	Axis 3	-74°~100°
	Axis 4	-210°~210°
	Axis 5	-125°~125°
	Axis 6	-360°~360°
Maximum speed	Axis 1	120°/S
	Axis 2	90°/S
	Axis 3	100°/S
	Axis 4	140°/S
	Axis 5	130°/S
	Axis 6	220°/S
Allowable torque	Axis 4	1370N.m
	Axis 5	1370N.m
	Axis 6	613N.m
Allowable moment of inertia	Axis 4	200kg.m ²
	Axis 5	200kg.m ²
	Axis 6	160kg.m ²
Repeated positioning accuracy		±0.06mm
Robot body weight		1190kg
Installation mode		Formal mounting
Body interface	Reserved IO	26Pin
	Reserved gas	2*φ12mm
Installation environment	Ambient temperature	0~45℃
	Relative humidity	38%~85%RH(No condensation)
	Vibration	Under 0.5G
	Others	Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference
IP level		Body IP54, Wrist IP67
Advantage features		Compact structure, high speed, high precision, high expansibility and easy operation
Application		Handling, mounting, cutting, spot welding, marking, polishing
Matching electrical cabinet		G15A

FUNCTIONAL FEATURES

- With a reach of 2.65 meters, high rigidity, strong load bearing capacity, and smoother operation, it represents an improvement of about 2% compared to the previous generation.
- The load capacity is 220kg, an improvement of about 5% compared to the previous generation.
- The motor is built into the arm, giving a clean appearance and making it suitable for working in confined spaces, with more flexible movement.
- Using high-speed, high-overload capacity servo motors, high-precious RV reduces, and the latest anti-vibration control strategies, the pitch operation time is shortened.
- The entire machine installation occupies less space, enabling high-density installation and wiring, and supports collaborative operation of multiple units.
- The robot has a simple structure, a user-friendly operation interface, and is easy to maintain.

INSTALLATION INTERFACE DIAGRAM



WORKING RANGE DIAGRAM

