CRP-RP15-15

INDUSTRIAL ROBOT

HANDLING APPLICATION

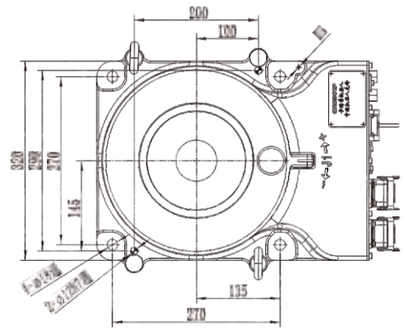
FUNCTIONAL FEATURES

- With the features of high speed, high precision and high stability, CRP-RP15-15 can be applied to more scenarios.
- The rod joint adopts a highly protective design for a longer
- service life, and the robot delivers superior waterproof and dustproof performance while remaining maintenance-free throughout its service life.
- It is equipped with a dedicated punching and palletizing software package and a customized interface to make operation more convenient and efficient.
- The J4 axis is fitted with a high-rigidity reducer, enabling the robot to achieve a higher load capacity.
- The gravity compensation function ensures the robot's positioning accuracy at any position.
- The adaptive acceleration function extends the robot's service life and ensures optimal acceleration for any motion trajectory, thus achieving more efficient operation.

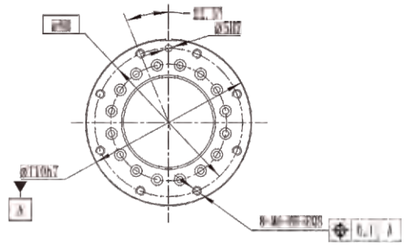
ROBOT BODY TECHNICAL PARAMETERS

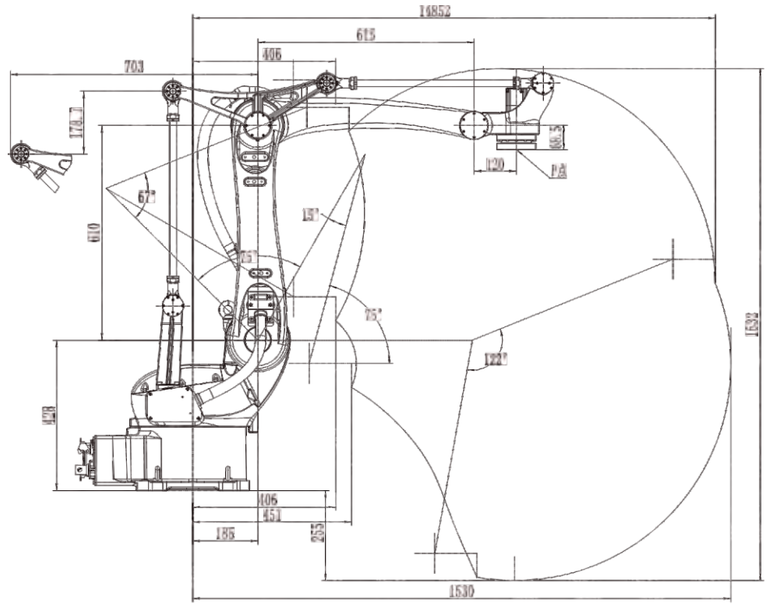
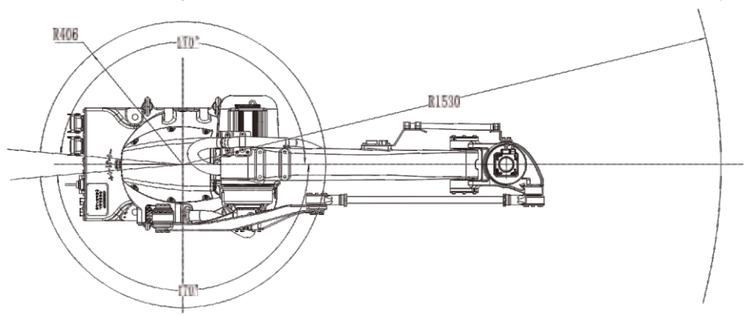
Model		CRP-RP15-15
Arm form		Multi joints+connecting rod
Degree of freedom		4 axis
Maximum payload		15kg
Maximum coverage		1530mm
Maximum travel	Axis 1	-170°~170°
	Axis 2	-90°~45°
	Axis 3	-75°~105°
	Axis 4	-360°~360°
Maximum speed	Axis 1	235°/S
	Axis 2	235°/S
	Axis 3	235°/S
	Axis 4	235°/S
Allowable moment of inertia	Axis 4	1.3kg.m²
Repeated positioning accuracy		±0.05mm
Robot body weight		155kg
Installation mode		Formal mounting
Body interface	Reserved IO	16Pin
	Reserved gas	2*ϕ8mm
Installation environment	Ambient temperature	0~45°C
	Relative humidity	20%~80%RH(no condensation)
	Vibration	Under 0.5 G
	Others	Robot installation must be away from: flammable or corrosive liquids or gases, electrical sources of interference
IP level		IP56
Advantage features		Compact structure, high speed, high precision,high rigidity, high life,high expansibility and easy operation
Application		Handling,palletizing,depalletizing, loading and unloading
Matching electrical cabinet		G12

INSTALLATION INTERFACE DIAGRAM



Installation Dimension of Base



Flange Dimensions

MOTION RANGE DIAGRAM