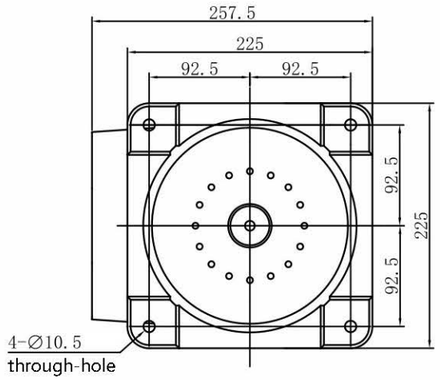
CRP-RA09-06

Industrial Robot **Handling Application**

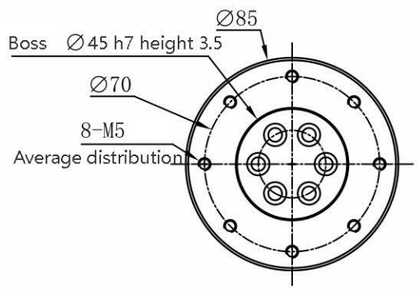
Functional Features

- Well-knit design makes the robot body more slender than other same level product, so it is more flexible even in a small space, also keep a very low rate of collision with surrounding devices.
- Maximum reach 915 mm.
- Lighter structure design than other same level product, so it is easy to install inside a system or to mount upside -down
- High rigidity arm and top level servo control technology guarantee the smothness and stability while the movement.
- Rated payload 6 kg, easily applied in multi application.
- Built-in cable, no more catheter and cable twisting on the arm. Leak-proof structure, can be applied in dust and oil-mist environment.

Installation Interface Diagram

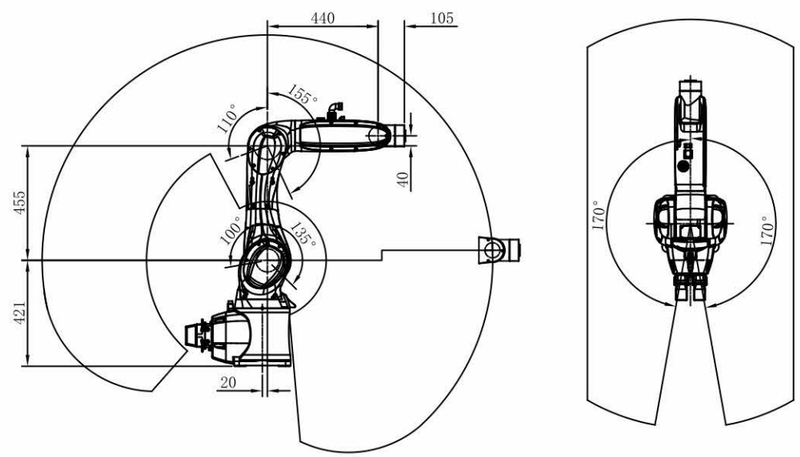


Installation Dimension of Base



Flange Dimensions

Motion Range Diagram



Robot Body Technical Parameters

Model		CRP-RA09-06
Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		6KG
Maximum travel	axis 1	-170° - 170°
	axis 2	-45° - 190°
	axis 3	-155° - 110°
	axis 4	-170° - 170°
	axis 5	-120° - 120°
	axis 6	-360° - 360°
Maximum speed	axis 1	337.5°/S
	axis 2	270°/S
	axis 3	375°/S
	axis 4	300°/S
	axis 5	375°/S
	axis 6	468°/S
Repeated positioning accuracy		±0.03m
Maximum reaching distance		915mm
Robot body weight		60KG
Installation mode		Ground or upside down mounting
Installation environment	ambient temperature	0~45°C
	relative humidity	20~80% (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		IP65
Advantage features		Compact structure, high speed, high precision, high expansibility and easy operation
Application		Cutting, assembly, handling, marking, grinding

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