

CRP-RH18-06-W

INDUSTRIAL ROBOT WELDING APPLICATION



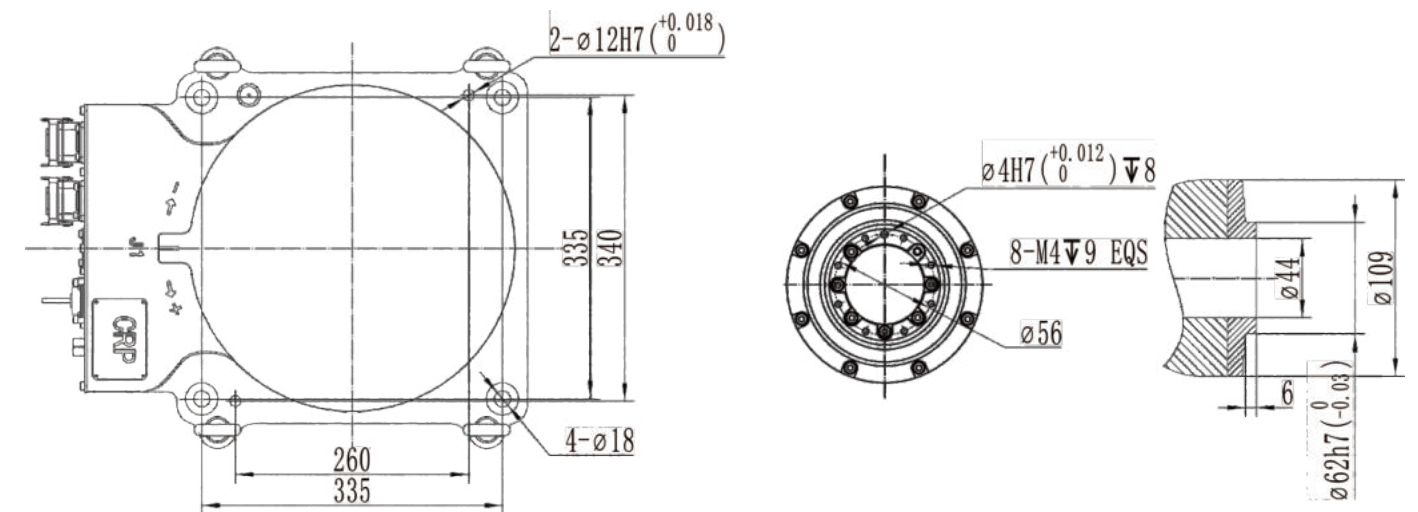
FUNCTIONAL FEATURES

- Use high-speed motor, and do software optimization, the overall beat is 20% faster than the previous generation;
- Lighter weight, smaller forearm size, better accessibility;
- High protection :1,2 shafts are equipped with dustproof cover, and fully surrounded welding gun is used at the same time;
- J4,J6 axis hollow structure, can use hollow welding gun;
- Built-in user line, gas pipe, welding cable, smooth body, clean appearance;

ROBOT BODY TECHNICAL PARAMETERS

Model	CRP-RH18-06-W		
Arm form		Vertical multiple joints	
Degree of freedom		6 axis	
Maximum payload		6kg	
Maximum travel	Axis 1	±168°	
	Axis 2	-50~+170°	
	Axis 3	-78~+150°	
	Axis 4	±190°	
	Axis 5	-110~+130°	
	Axis 6	±190°	
Maximum speed	Axis 1	180°/S	
	Axis 2	180°/S	
	Axis 3	205°/S	
	Axis 4	430°/S	
	Axis 5	430°/S	
	Axis 6	630°/S	
Allowable torque	Axis 4	10N.m	
	Axis 5	10N.m	
	Axis 6	3N.m	
Allowable moment of inertia	Axis 4	0.25kg.m ²	
	Axis 5	0.25kg.m ²	
	Axis 6	0.05kg.m ²	
Repeated positioning accuracy		±0.08mm	
Maximum reaching distance		1850mm	
Robot body weight		235KG	
Installation mode		Ground、TOP mount	
Installation environment	ambient temperature	0~45℃	
	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	
Electric Cabinet Configuration		G9	
IP level		Ip56	
Advantage features		Compact structure, high speed, high precision, high expansibility and easy operation	
Application		Welding	

INSTALLATION INTERFACE DIAGRAM



Installation Dimensions of Base

Flange Dimensions

WORKING RANGE DIAGRAM

