

CRP-RH35-100

INDUSTRIAL ROBOT HANDLING APPLICATION

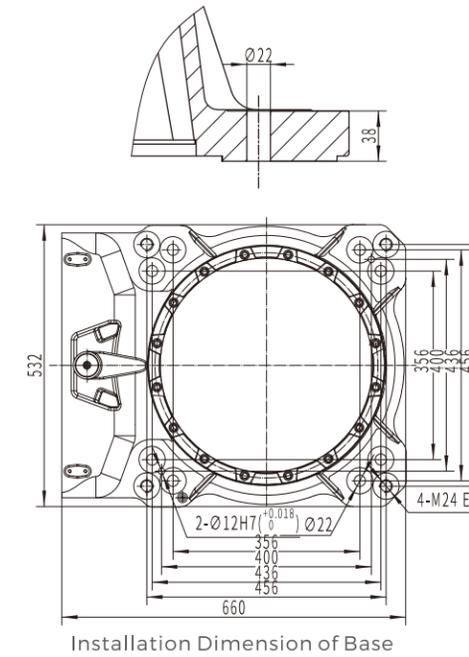


FUNCTIONAL FEATURES

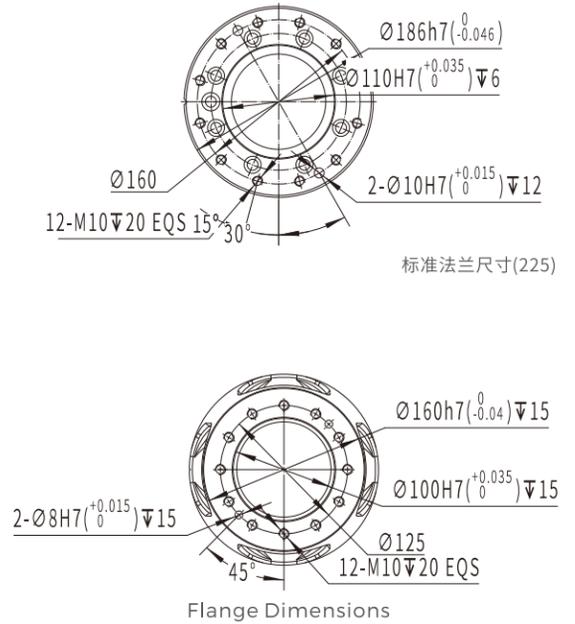
- Arm span 3.5 meters, high rigidity, strong load capacity, more stable operation.
- With a hollow arm structure and a built-in wrist cable, there is no need to consider the interference caused by external winding with neighboring robots or peripheral equipment.
- Arm motor built-in, simple appearance, suitable for small space operation, more flexible movement.
- According to the user's use scenario, provide a variety of optional configurations, can be used for spot welding, handling, grinding, assembly and other production lines.
- The main cable adopts the special cable for flexible robot.
- Built-in three-phase filter to effectively improve EMC and EMI performance.
- The use of high-speed, high-overload capacity servo motor, high-precision RV reducer and the latest anti-vibration control strategy, shorten the pitch operation time and significantly reduce the cycle time.

ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RH35-100
Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		100kg
Maximum coverage		3503mm
Maximum travel	Axis 1	-180°~180°
	Axis 2	-76°~64°
	Axis 3	-74°~100°
	Axis 4	-200°~200°
	Axis 5	-125°~125°
	Axis 6	-360°~360°
Maximum speed	Axis 1	100°/S
	Axis 2	100°/S
	Axis 3	85°/S
	Axis 4	105°/S
	Axis 5	120°/S
	Axis 6	200°/S
Allowable torque	Axis 4	720N.m
	Axis 5	720N.m
	Axis 6	400N.m
Allowable moment of inertia	Axis 4	80kg.m ²
	Axis 5	80kg.m ²
	Axis 6	35kg.m ²
Repeated positioning accuracy		±0.06mm
Robot body weight		1390kg
Installation mode		Formal mounting
Noise level		<80dB(A)
Body interface	Reserved IO	26Pin
	Reserved gas	2*φ12mm
Installation environment	Ambient temperature	0~45°C
	Relative humidity	20%~80%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 rigidity, high life, high expansibility and easy operation
Application		Cutting, mounting, Handling, marking, polishing
Matching electrical cabinet		G15A



INSTALLATION INTERFACE DIAGRAM



MOTION RANGE DIAGRAM

