

ROKAE

Industrial Robot Series

NB12h Series



More intelligent, more efficient

Product Advantages

High Rigidity Design

- Quasi-hypoid-gear for higher joint rigidity, ideal for high-rigidity operational scenarios.

Large Hollow Wrist

- 57mm large hollow diameter for easier cabling and more convenient deployment.

High Precision, Long Lifespan

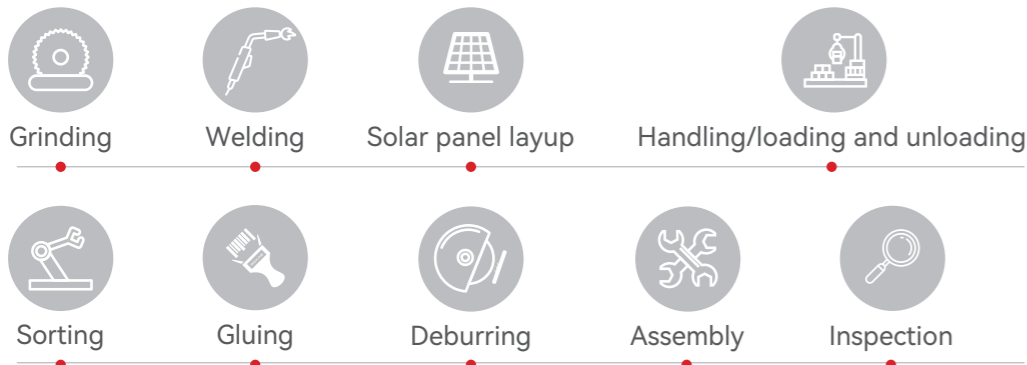
- Smooth quasi-hypoid gear meshing ensures better precision retention, longer lifespan, and lower maintenance costs.

High Protection Ratings

- IP67-wrist and IP65-body are designed to handle harsh environments with ease.



Applications

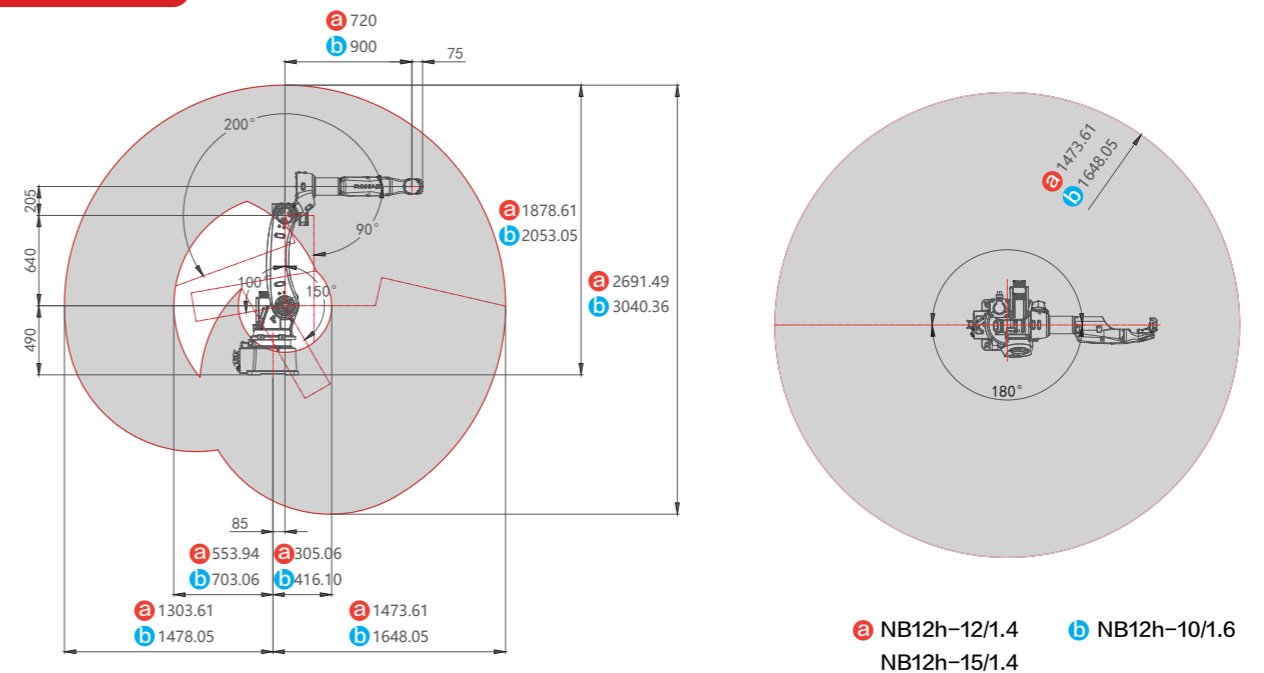


Specifications

Body Specifications

Model	NB25h-12/2.2	NB12h-10/1.6	NB12h-15/1.4	
DOF	6	6	6	
Reach	1,473 mm	1648 mm	1,473 mm	
Repeatability	±0.02 mm	±0.02 mm	±0.02 mm	
Payload	12 kg	10 kg	15 kg	
Range of motion	Axis 1	-180° to +180°	-180° to +180°	-180° to +180°
	Axis 2	-100° to +150°	-100° to +150°	-100° to +150°
	Axis 3	-200° to +90°	-200° to +90°	-200° to +90°
	Axis 4	-180° to +180°	-180° to +180°	-180° to +180°
	Axis 5	-180° to +180°	-180° to +180°	-180° to +180°
	Axis 6	-360° to +360°	-360° to +360°	-360° to +360°
Maximum speed	Axis 1	265°/s	265°/s	200°/s
	Axis 2	245°/s	245°/s	185°/s
	Axis 3	280°/s	280°/s	180°/s
	Axis 4	440°/s	440°/s	440°/s
	Axis 5	460°/s	460°/s	460°/s
	Axis 6	730°/s	730°/s	730°/s
Operating temperature	0°C~+40°C	0°C~+40°C	0°C~+40°C	
Storage temperature	-10°C~+55°C	-10°C~+55°C	-10°C~+55°C	
IP rating	IP65 (Wrist IP67)	IP65 (Wrist IP67)	IP65 (Wrist IP67)	
Mounting method	Floor, Ceiling	Floor, Ceiling	Floor, Ceiling	
Noise level	≤75 dB(A)	≤75 dB(A)	≤75 dB(A)	
Weight	About 199 kg	About 200 kg	About 199 kg	
AIR	2-Φ12, 8bar	2-Φ12, 8bar	2-Φ12, 8bar	
Signal	2-12 channels (30V, 0.5A)	2-12 channels (30V, 0.5A)	2-12 channels (30V, 0.5A)	

Working range





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