ROKAE

STOCK CODE
03752.HK

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

Grinding · Welding · Solar panel layup · Handling/loading and unloading

Sorting · Gluing · Deburring · Assembly · Inspection

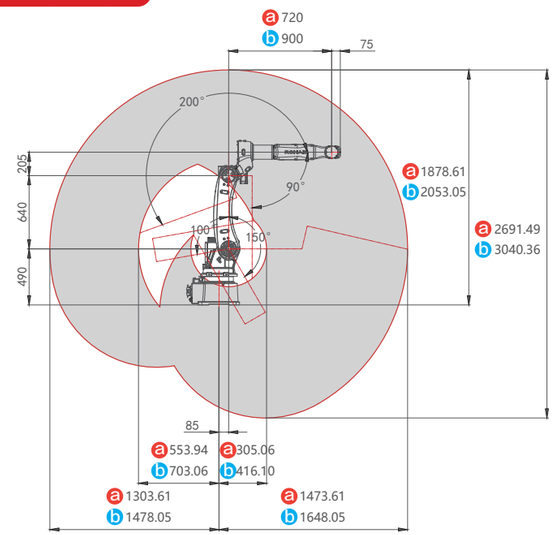
NB12h-12/1.4 NB12h-10/1.6 NB12h-15/1.4

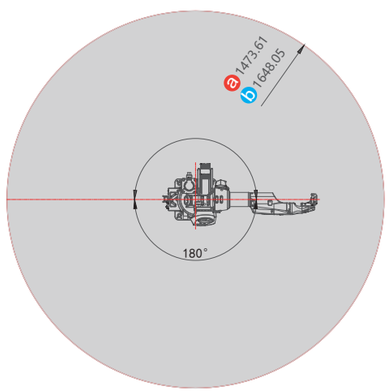
Specifications

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℃~+40℃	0℃~+40℃	0℃~+40℃
Storage temperature		-10℃~+55℃	-10℃~+55℃	-10℃~+55℃
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





a NB12h-12/1.4 NB12h-15/1.4 b NB12h-10/1.6

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