

ROKAE

Industrial Robot Series

NB80 Series



More intelligent, more efficient

Product Advantages

Broader Applications

- Highest payload and longest reach among products of the same class helps easily address a wide range of automation needs

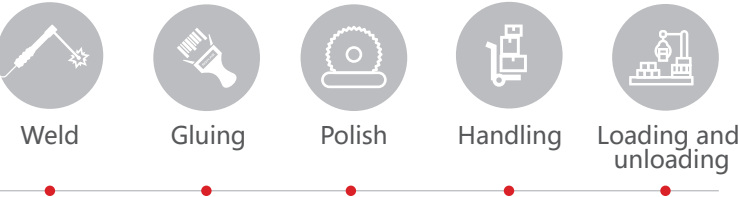
Higher Payload

- High inertia motion characteristics optimized for high inertia applications

Stronger Protection

- Higher protection level against even the most demanding environments

Applications

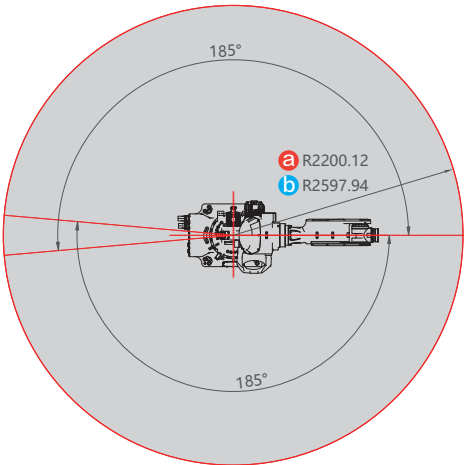
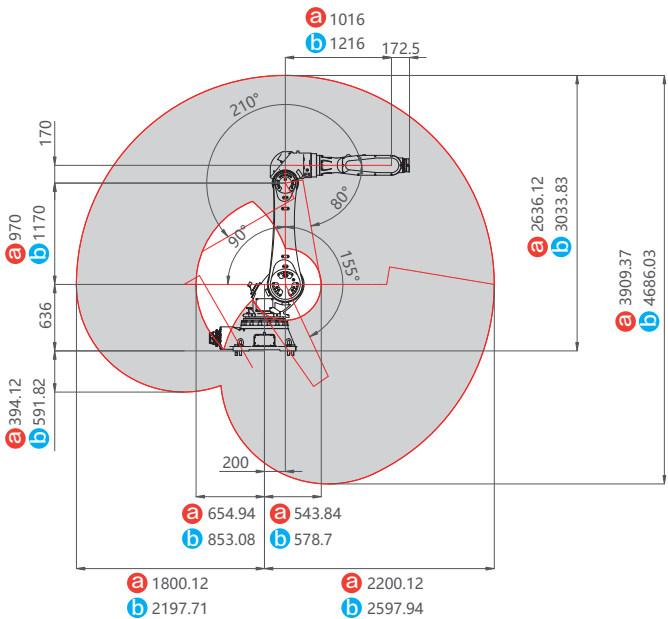


Specifications

Body Specifications

Model		NB80-80/2.2	NB80-50/2.6
DOF		6	6
Reach		2,200 mm	2,598 mm
Repeatability		±0.06 mm	±0.08 mm
Payload		80 kg	50 kg
Range of motion	Axis 1	-185° to +185°	-185° to +185°
	Axis 2	-90° to +155°	-90° to +155°
	Axis 3	-210° to +80°	-210° to +80°
	Axis 4	-200° to +200°	-200° to +200°
	Axis 5	-130° to +130°	-130° to +130°
	Axis 6	-360° to +360°	-360° to +360°
Maximum speed	Axis 1	170°/s	170°/s
	Axis 2	145°/s	180°/s
	Axis 3	170°/s	180°/s
	Axis 4	285°/s	285°/s
	Axis 5	285°/s	285°/s
	Axis 6	285°/s	360°/s
Operating temperature		0°C to 45°C	0°C to 45°C
Storage temperature		-10°C to +55°C	-10°C~+55°C
IP rating		IP65 (Wrist IP67)	IP65 (Wrist IP67)
Mounting method		Floor, Ceiling	Floor, Ceiling
Weight		About 635 kg	About 645 kg
AIR		2-Φ12, 8bar	2-Φ12, 8bar
Signal		24 channels (30V, 0.5A)	24 channels (30V, 0.5A)

Working range



a NB80-80/2.2 b NB80-50/2.6

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