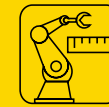


R-1000iA/80F



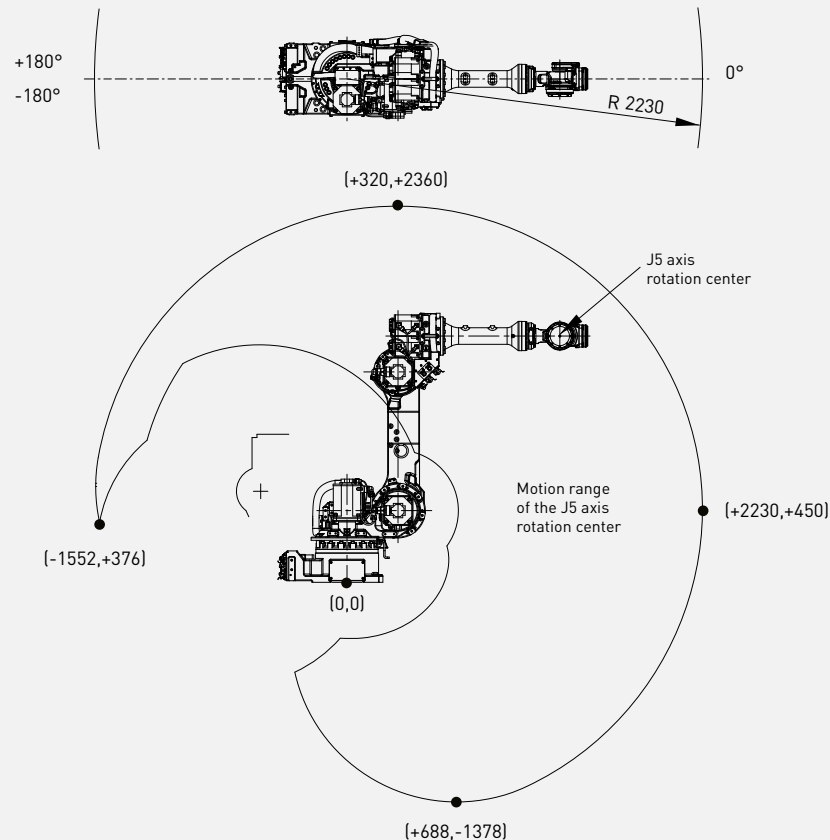
Max. load capacity
at wrist: **80 kg**



Max. Reach:
2230 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
6	± 0.2	620	360	245	360	720	250	720	170	140	160	230	230	350	380/30	380/30	200/20

Working Range



Robot

	R-1000iA/80F
Robot footprint [mm]	605 x 450
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	-



Controller

	30iB
Open air cabinet	-
Mate cabinet	○
A-cabinet	●
B-cabinet	○
iPendant Touch	●

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	2.5

Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	2

Environment

Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

● standard ○ on request - not available () with hardware and/or software option

R-1000iA/100F



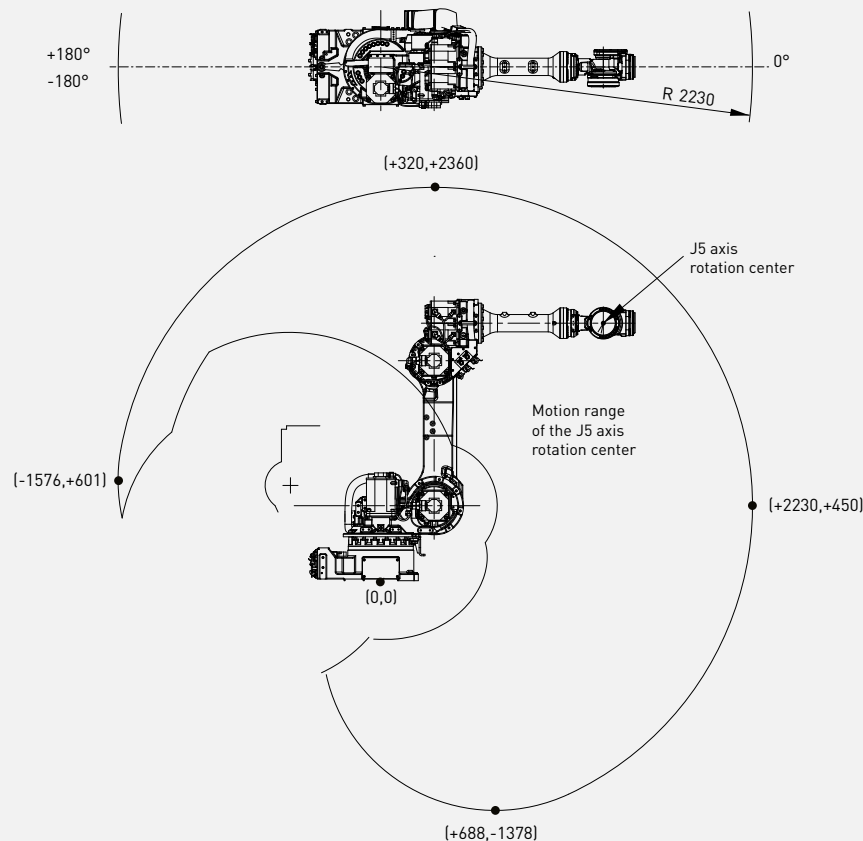
Max. load capacity
at wrist: **100 kg**



Max. Reach:
2230 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
6	± 0.2	665	360	245	360	720	250	720	130	110	120	170	170	250	690/57	690/57	260/32

Working Range



Robot

	R-1000iA/100F
Robot footprint [mm]	605 x 450
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	-



Controller

	30iB
Open air cabinet	-
Mate cabinet	○
A-cabinet	●
B-cabinet	○
iPendant Touch	●

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	2.5

Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	2

Environment

Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

● standard ○ on request - not available () with hardware and/or software option

R-1000iA/120F-7B



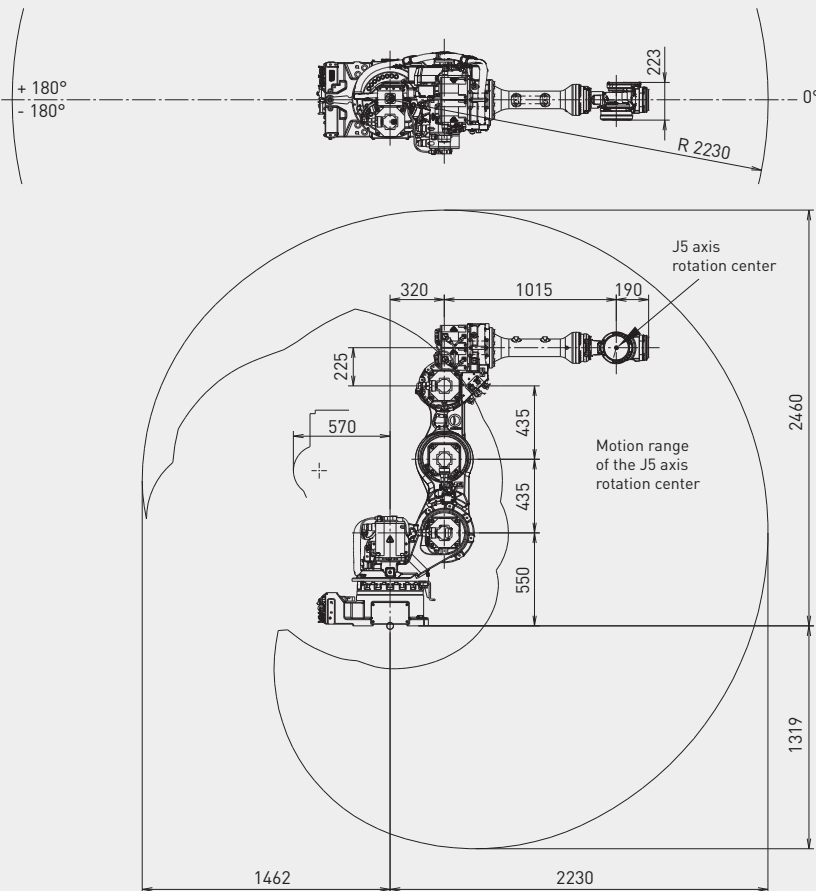
Max. load capacity
at wrist: **120 kg**



Max. reach:
2230 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]							Maximum speed [°/s]							J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
7	± 0.2	790	360	200	385	720	250	720	225	130	110	120	170	170	250	130	800/71	800/71	360/38

Working range



Robot

	R-1000iA/120F-7B
Robot footprint [mm]	605 x 450
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	-



Controller

	R-30iB
Open air cabinet	-
Mate cabinet	○
A-cabinet	●
B-cabinet	○
iPendant Touch	●

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	2.5

Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	2

Environment

Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

● standard ○ on request - not available () with hardware and/or software option