

R-2000iB/175L (Long arm)



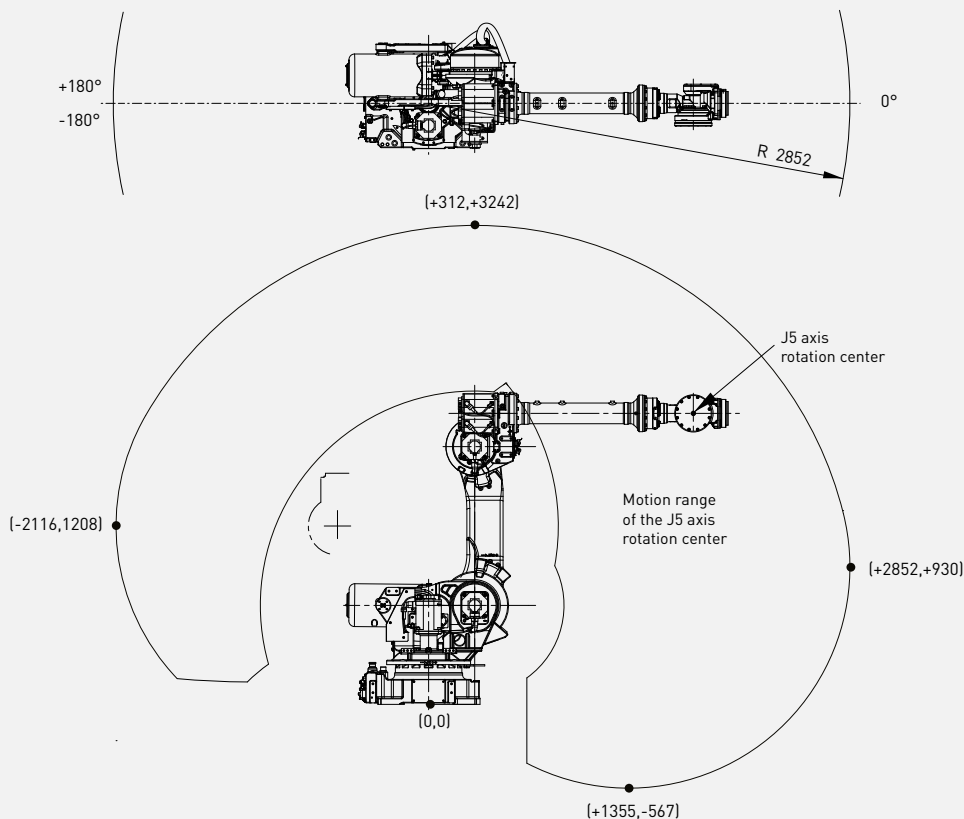
Max. load capacity
at wrist: **175 kg**



Max. reach:
2852 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	± 0.3	1260	360	136	356	720	250	720	95	90	95	120	120	190	1225/225.4	1225/225.4	706/196

Working range



Robot

R-2000iB/175L

Robot footprint [mm]	771 X 610
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-



Controller

R30iB

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]	71.3
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