

ARC Mate 0iB



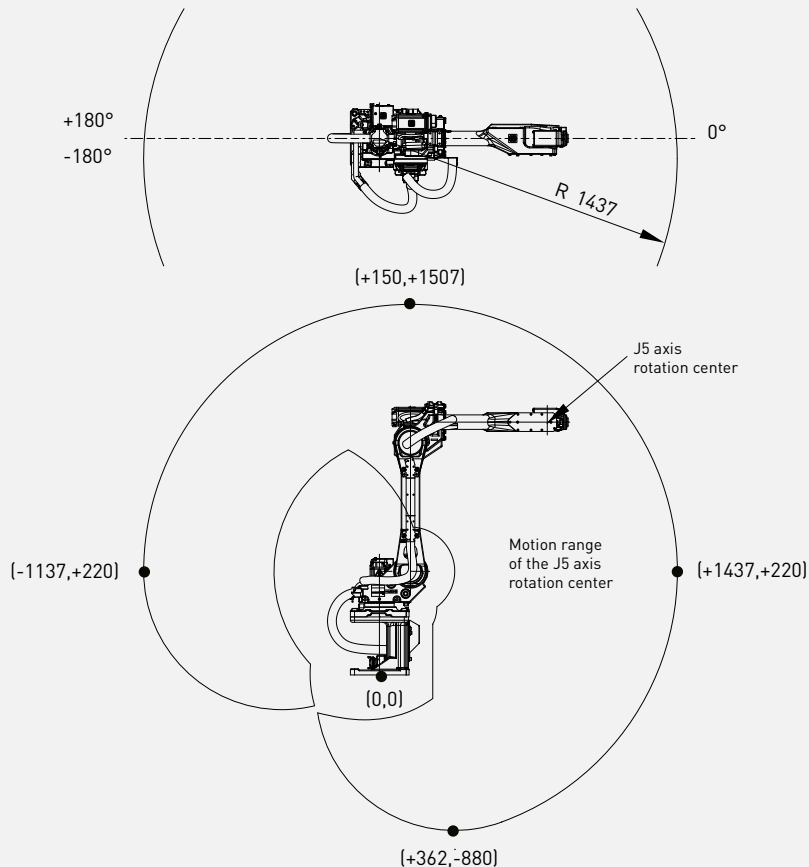
Max. load capacity
at wrist: **3 kg**



Max. Reach:
1437 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	± 0.08	145	360	250	455	380	280	720	225	215	225	425	425	625	8.9/0.28	8.9/0.28	3.0/0.035

Working Range



Robot

	ARC Mate 0iB
Robot footprint [mm]	283 x 283
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]	200-230 *6)
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	1

Integrated services

Integrated signals on upper arm In/Out	1/1
Integrated air supply	2

Environment

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

Protection

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

*6) transformer required

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