

# LR Mate 200iD/4SC (Short arm, Clean room)



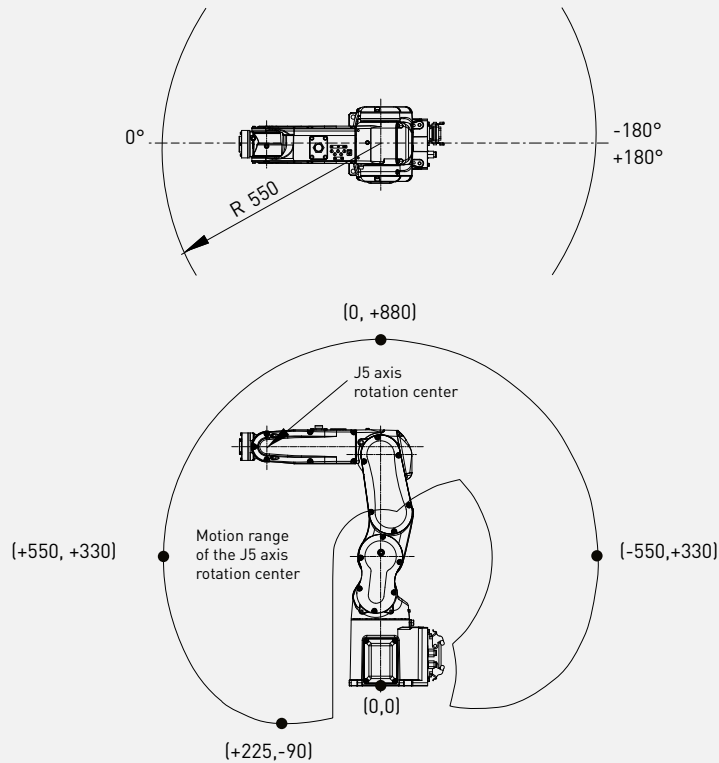
Max. load capacity  
at wrist: **4 kg**



Max. reach:  
**550 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)							Maximum speed (°/s)							J4 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J5 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J6 Moment/ Inertia (Nm/kgm <sup>2</sup> )
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.013*	20	360	230	402	380	236	720	-	460	460	520	560	560	900	-	8.86/0.2	8.86/0.2	4.9/0.067

## Working range



Motion range may be restricted according to the mounting angle!



### Robot

### LR Mate 200iD/4SC

Robot footprint [mm]	160 x 160
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



### Controller

### R-30iB Plus

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

### Electrical connections

Voltage 50/60Hz 3phase [V]	-
Voltage 50/60Hz 1phase [V]	200-230
Average power consumption [kW]	0.5

### Integrated services

Integrated signals on upper arm In/Out	6/2
Integrated air supply	1

### Environment

Acoustic noise level [dB]	64.7
Ambient temperature [° C]	0-45

### Protection

Body standard/optional	IP67
Wrist & J3 arm standard/optional	IP67
Clean room [ISO Class 4]	●

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

\*Based on IS09283