

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



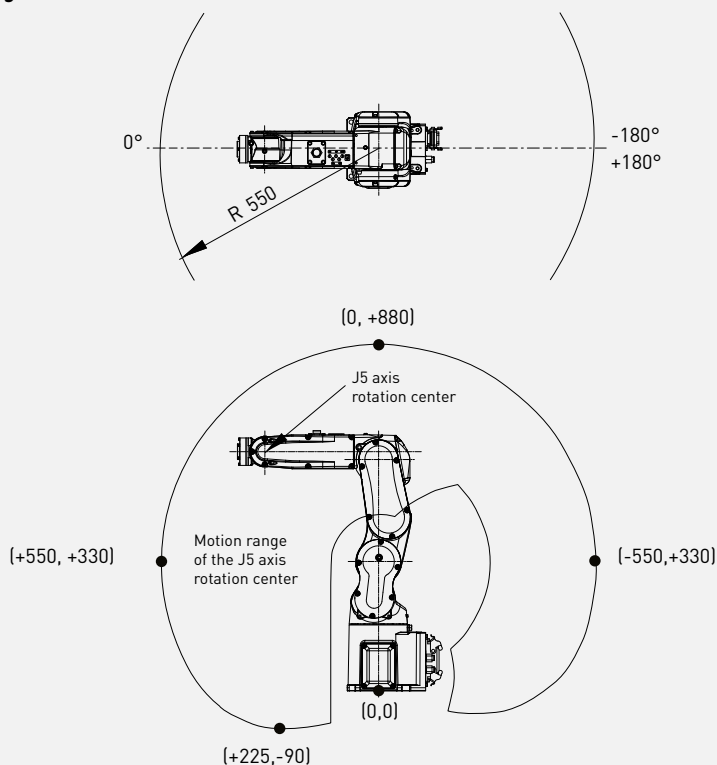
Max. load capacity  
at wrist: **4 kg**



Max. Reach:  
**550 mm**

| Controlled axes | Repeatability (mm) | Mechanical weight (kg) | Motion range [°] |     |     |     |     |     | Maximum speed [°/s] |     |     |     |     |     | J4 Moment/ Inertia (Nm/kgm²) | J5 Moment/ Inertia (Nm/kgm²) | J6 Moment/ Inertia (Nm/kgm²) |
|-----------------|--------------------|------------------------|------------------|-----|-----|-----|-----|-----|---------------------|-----|-----|-----|-----|-----|------------------------------|------------------------------|------------------------------|
|                 |                    |                        | J1               | J2  | J3  | J4  | J5  | J6  | J1                  | J2  | J3  | J4  | J5  | J6  |                              |                              |                              |
| 6               | ± 0.02             | 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



## Robot

|                               | LR Mate 200iD/4SC |
|-------------------------------|-------------------|
| Robot footprint [mm]          | 160 x 160         |
| 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]     | -       |
| 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 class (ISO Class 4)   | ●    |

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