

LR Mate/10-11A Food/Clean



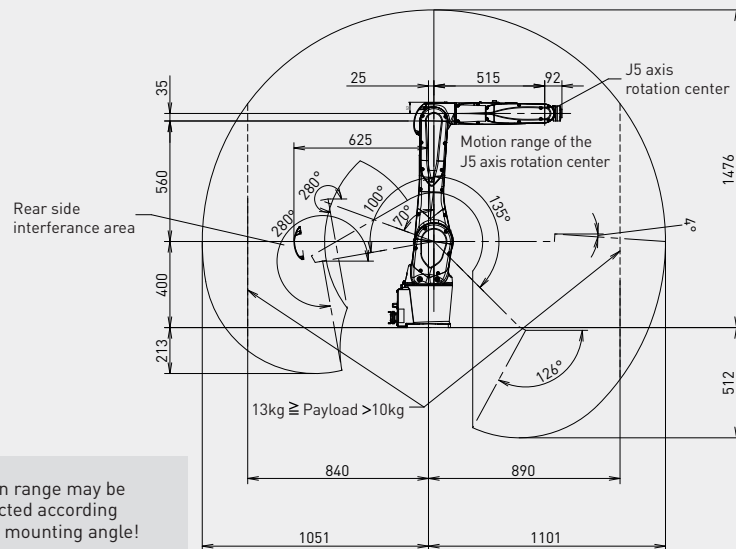
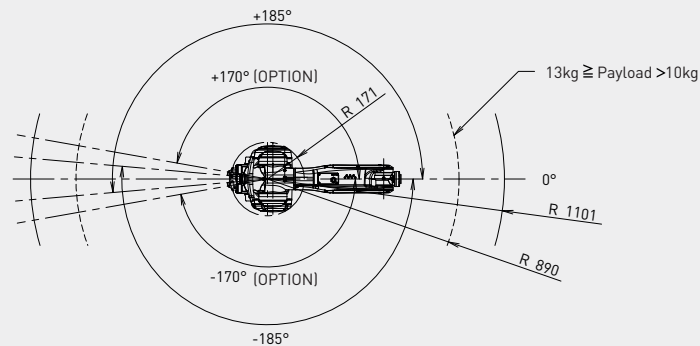
Max. load capacity
at wrist: **10/13 kg *1**



Max. reach:
1101 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	± 0.01*	46	370	235	421	380	250	720	300	230	340	500	400	800	21.0/0.77	21.0/0.77	10.0/0.28

Working range



Motion range may be restricted according to the mounting angle!



Robot

LR Mate/10-11A Food/Clean	
Robot footprint [mm]	204 x 204
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



Controller

R-50iA

Mate cabinet	●
A-cabinet	-
B-cabinet	-
C-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]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP67
Wrist & J3 arm standard/optional	IP67
Clean room (ISO Class 4)	●

*1) optional high payload mode = max. 890 mm operating space

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

*Based on ISO9283