

LR Mate/14-7D



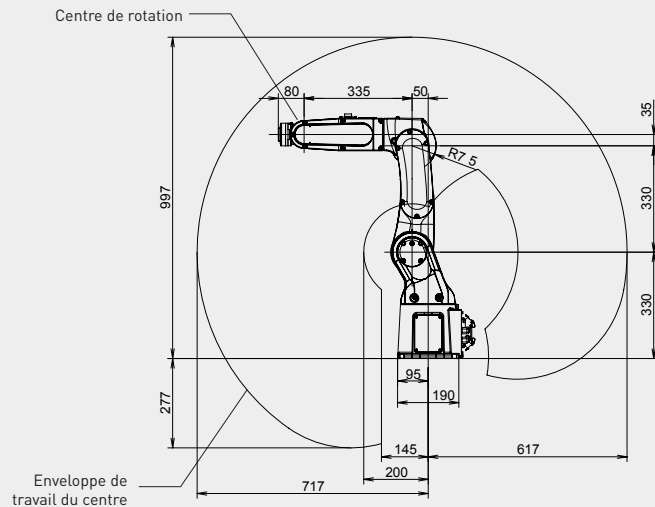
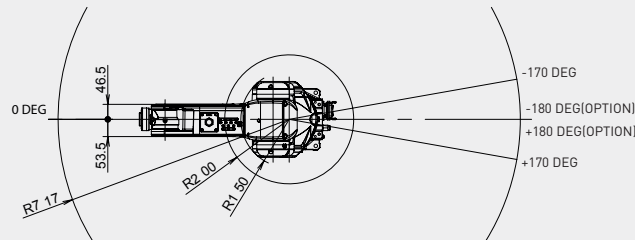
Max. load capacity
at wrist: **14 kg**



Max. reach:
717 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)							Maximum speed (°/s) *1							J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.05	25	360	245	360	245	240	720	-	450	380	290	230	520	400	-	31.0/0.66	31.0/0.66	13.4/0.30

Working range



*1 92 for /7LC



Robot

	LR Mate/14-7D
Robot footprint [mm]	190 x 190
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



Controller

	R-50iA
Mate cabinet	●
A-cabinet	-
B-cabinet	-
iPendant Touch	●

Electrical connections

Voltage 50/60Hz 3phase [V]	-
Voltage 50/60Hz 1phase [V]	200-240
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

*1) Max. linear speed 1000 mm/sec

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

*Based on IS09283