

ARC Mate 120iC/12L (Long arm, Hollow wrist)

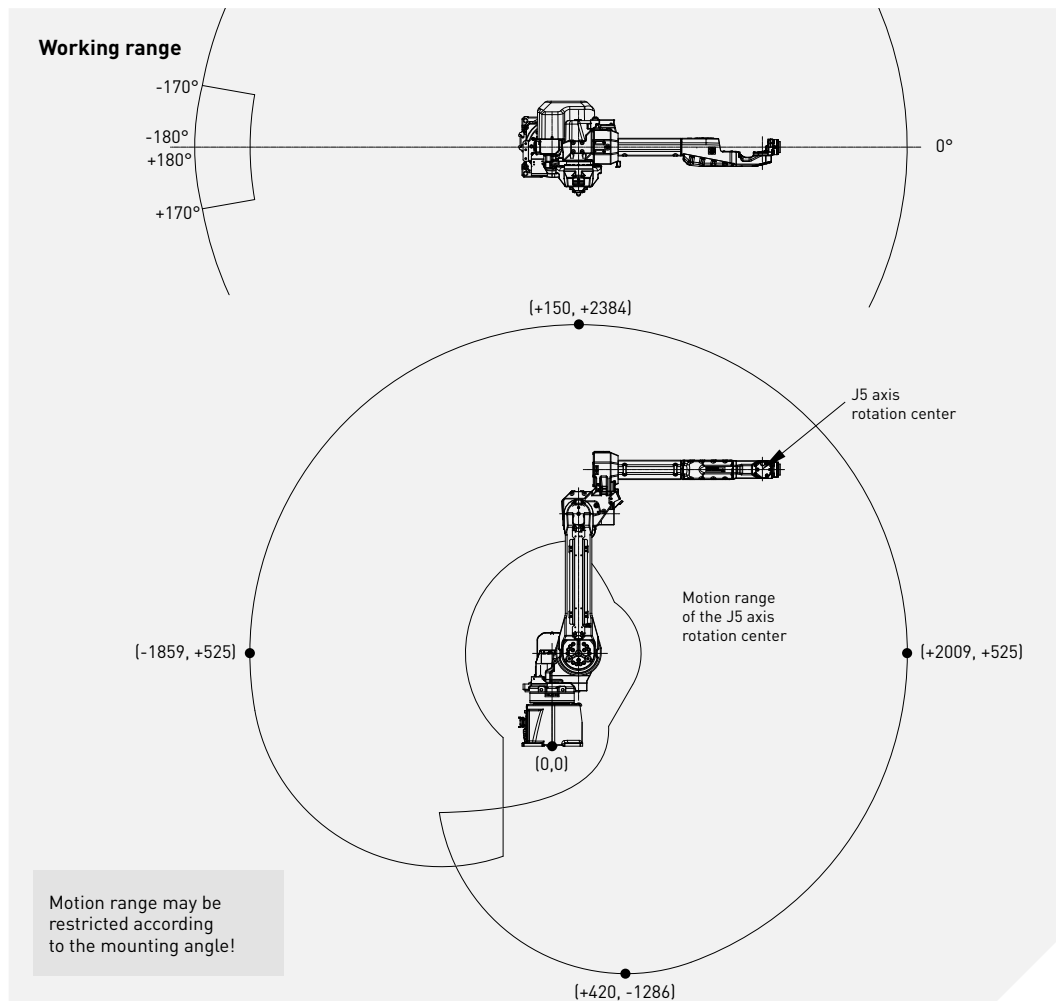


Max. load capacity
at wrist: **12 kg**



Max. reach:
2009 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	± 0.03*	250	370	260	460,6	400	280(360)	540(900)	200	175	190	430	430	630	7.7/0.24	7.7/0.24	0.22/0.0027



Robot

Robot footprint [mm]
Mounting position Floor
Mounting position Upside down
Mounting position Angle

ARC Mate 100iC/12L

343 x 343

Controller

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

R30iB

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○
●
○
●

Electrical connections

Voltage 50/60Hz 3phase [V]
Voltage 50/60Hz 1phase [V]
Average power consumption [kW]

380-575
-
1

Integrated services

Integrated signals on upper arm In/Out
Integrated air supply

8/8
1

Environment

Acoustic noise level [dB]
Ambient temperature [° C]

< 70
0-45

Protection

Body standard/optional
Wrist & J3 arm standard/optional

IP54 / IP55
IP54

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

*Based on ISO9283