

CRX-3iA



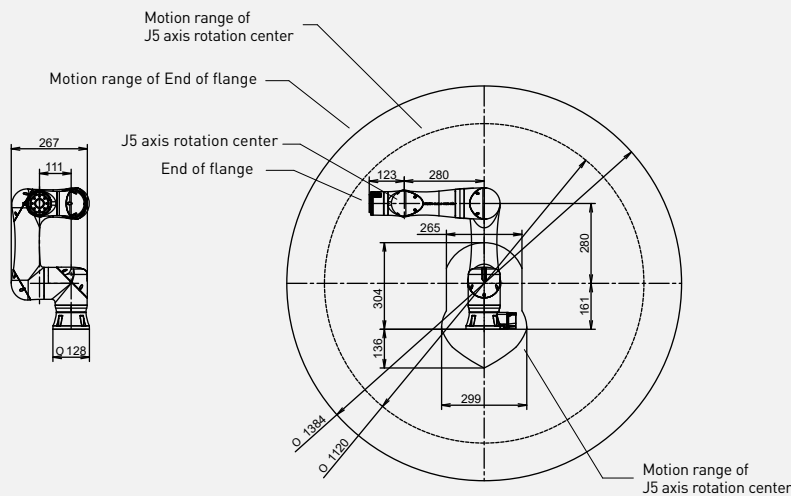
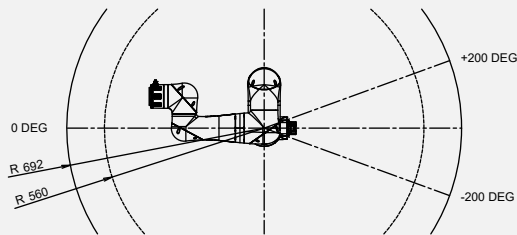
Max. load capacity
at wrist: **3 kg**



Max. reach:
692 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s) *2						Maximum linear speed (mm/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	± 0.02*	11	400	360	592	380	360	450	130	130	180	225	360	360	1200 *1)	8.5/0.32	6.5/0.24	4.0/0.08

Working range



*1) 2500mm/s in high speed mode

*2) During short distance motions, the speed may not reach the maximum value stated

*3) RS485 interface included *4) No condensation allowed *5) Within one month



Robot

Robot	CRX-3iA
Robot footprint [mm]	129
Mounting position Floor	•
Mounting position Upside down	•
Mounting position Angle	•



Controller

Controller	R-30iB Plus
Mini Plus	•
Dimensions [mm]	410 x 277 x 370
Tablet TP	•

Electrical connections

Voltage 50/60Hz 3phase [V]	-
Voltage 50/60Hz 1phase [V]	200-230
Average power consumption [kW]	0.3

Integrated services

Integrated signals on upper arm In/Out	2/2 *3
Integrated air supply	0

Environment

Acoustic noise level [dB]	<70
Ambient temperature [° C]	0-45
Ambient humidity [%RH]	≤ 75*4
Ambient humidity - Short term [%RH]	≤ 95*4/*5
Vibration acceleration [m/s ²]	≤ 4.9 [0.5G]

Protection

Body standard/optional	IP67
Wrist & J3 arm standard/optional	IP67