

# CRX-5iA



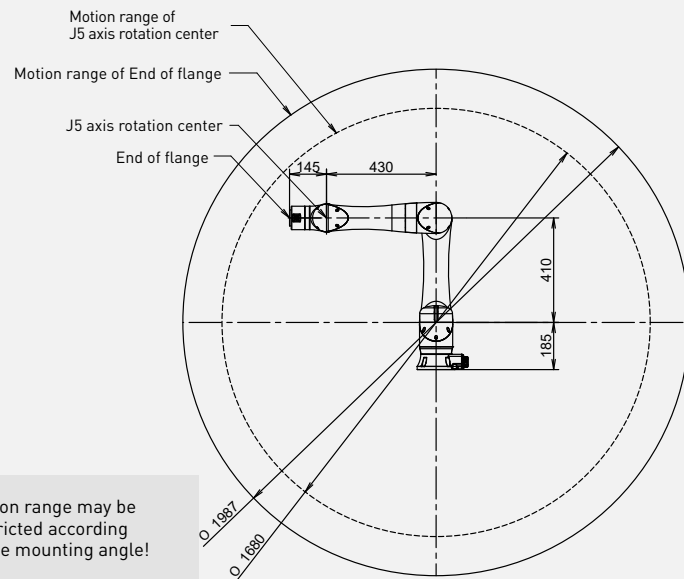
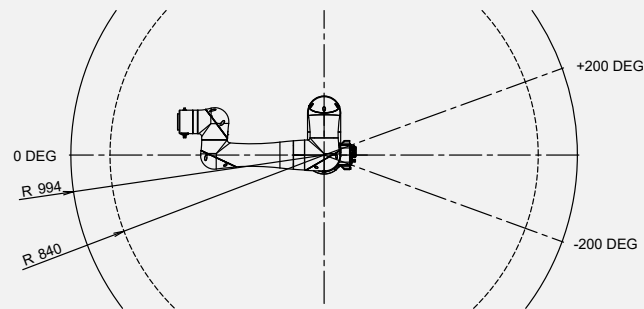
Max. load capacity  
at wrist: **5 kg**



Max. reach:  
**994 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s) *2						Maximum linear speed (mm/s)	J4 Moment/Inertia (Nm/kgm <sup>2</sup> )	J5 Moment/Inertia (Nm/kgm <sup>2</sup> )	J6 Moment/Inertia (Nm/kgm <sup>2</sup> )
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6				
6	± 0.03*	25	400	360	635	380	360	450	150	150	180	225	225	225	1000 *1)	19.0/0.77	15.4/0.50	6.7/0.10

## Working range



Motion range may be restricted according to the mounting angle!



### Robot

	CRX-5iA
Robot footprint [mm]	148
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



### 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]	-

### 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 [%]	≤ 75 *4
Ambient humidity - Short term [%RH]	≤ 95 *5
Vibration acceleration [m/s <sup>2</sup> ]	≤ 4.9 (0.5G)

### Protection

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

\*1) 2000mm/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 dew nor frost allowed

\*5) Within one month

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

\*Based on ISO9283