

CRX-30iA



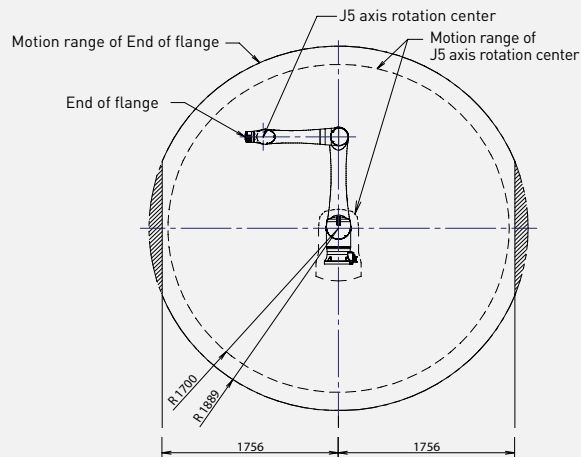
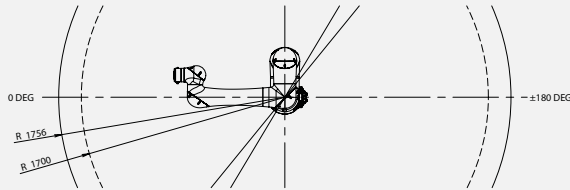
Max. load capacity
at wrist: **30 (25) kg** *6



Max. reach:
1756 (1889) mm*6

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	± 0.05*	135	360	360	540	380	360	450	80	80	120	180	180	180	1000 *1)	115.0/4.70 (100.0/4.70)*6	85.0/4.00	32.0/2.00

Working range



*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 *6) In case of 25 kg payload *7) Not with food grade option
*8) Food grade grease for all axes

■ Max. reach is expanded from 1756 mm to 1889 mm in case of 25 kg payload. No restrictions on wrist posture.



Robot

	CRX-30iA
Robot footprint [mm]	283
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]	0.4

Integrated services

Integrated signals on upper arm In/Out	5/6 *3
Integrated air supply	1

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 ²]	≤ 4.9 (0.5G)

Protection

Body standard/optional	IP67
Wrist & J3 arm standard/optional	IP67
Cleanroom class (ISO Class 2)	○*7

Food grade / mechanical options

Food grade grease	○*8
White epoxy paint	○

● standard ○ on request - not available [] with hardware and/or software option

*Based on ISO9283