

# P-50iB/10L (Long arm, Hollow wrist)



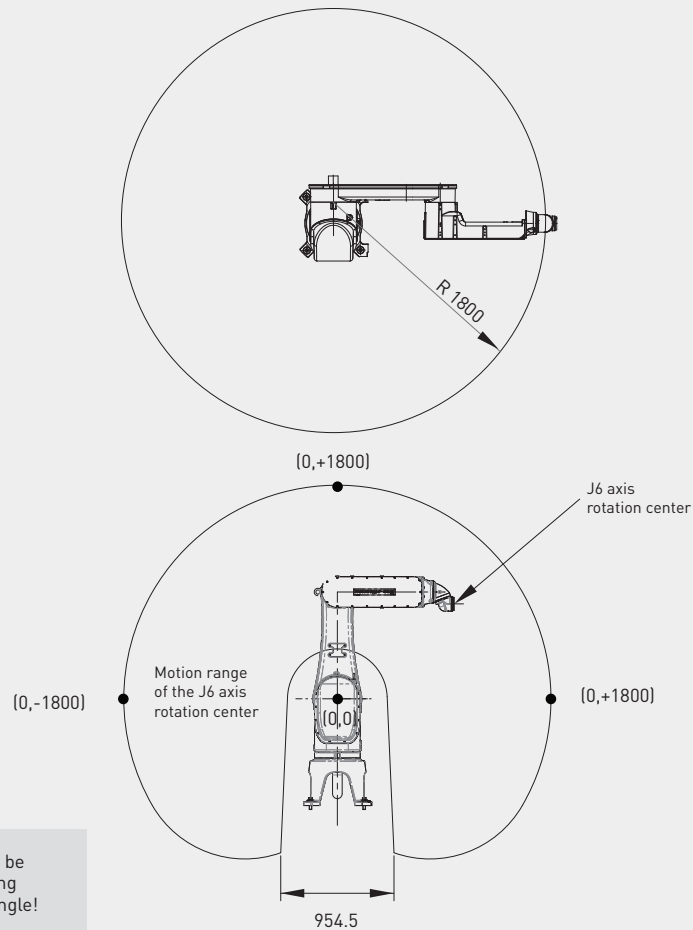
Max. load capacity  
at wrist: **10 kg**



Max. reach:  
**1800 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/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	± 0.2	331	320	240	404	1080	1080	1080	140	140	160	375	430	545	43.35/1.954	36.86/1.413	4.90/0.025

## Working range



### Robot

	P-50iB/10L
Robot footprint [mm]	580 x 560
Mounting position Floor	●
Mounting position Invert	●
Mounting position Wall	●
Mounting position Angle	●



### Controller

	R-30iB Plus
Open air cabinet	-
Mate cabinet	●
A-cabinet	-
B-cabinet	-
iPendant	●
ISTP option	-

### Electrical connections

Voltage 50/60Hz 3phase [V]	200-230
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	0.8

### Integrated services

Integrated signals on upper arm In/Out	-
Integrated air supply	-

### Environment

Acoustic noise level [dB]	-
Ambient temperature [° C]	0-45

### Protection

Hazardous location certification	*5
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\*5) ATEX certified Cat. II Group 2G and 2D

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