

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



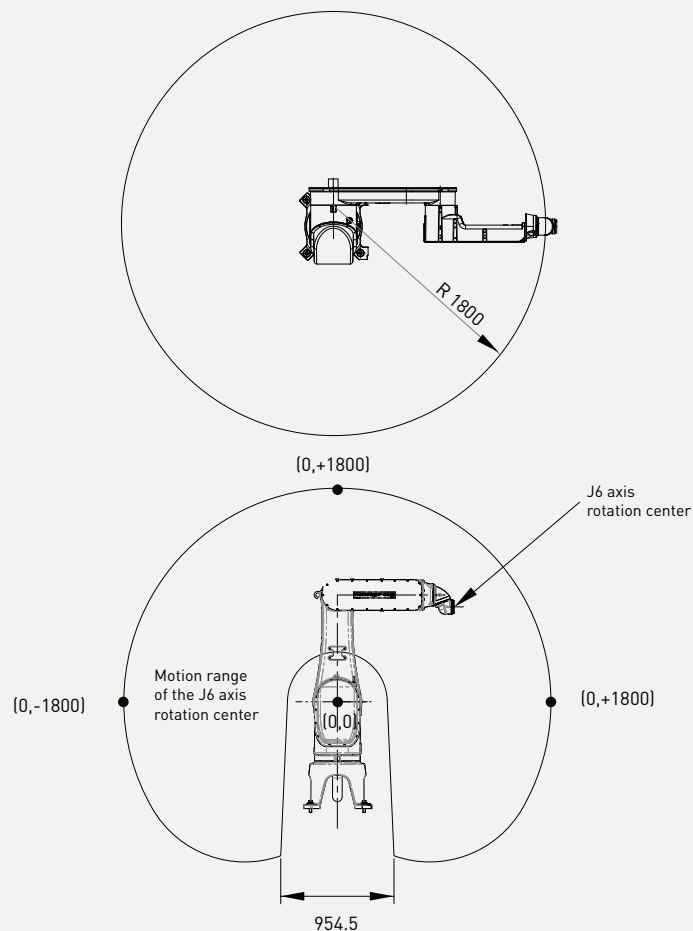
Max. load capacity
at wrist: **10 kg**



Max. Reach:
1800 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J4 Moment/ Inertia (Nm/kgm²)	J5 Moment/ Inertia (Nm/kgm²)	J6 Moment/ Inertia (Nm/kgm²)
			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 Upside down	●
Mounting position Angle	●



Controller

30iA

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

Electrical connections

Voltage 50/60Hz 3phase [V]	-
Voltage 50/60Hz 1phase [V]	200-230
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

Body standard/optional	*5)
Wrist & J3 arm standard/optional	*5)

*5) ATEX certified Cat. II Group 2G and 2D

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