R-2000iD/165FH



Max. load capacity at wrist: **165 kg**



			Motion range (°)					Maximum speed (°/s)									
Controlled axes	Repeatability (mm)	Mechanical weight (kg)	J1	J2	73	J4	J5	J6	J1	J2	73	J4	J5	Ј6	J4 Moment/ Inertia (Nm/kgm²)	J5 Moment/ Inertia (Nm/kgm²)	J6 Moment/ Inertia (Nm/kgm²)
6	± 0.05*	1130	370	140	234	420	250	420	130	110	115	175	170	280	1000/122	1000/122	620/100

Working range	+185 DEG. 0 DEG.
	Rear aide interference area J5 axis rotation center Motion range of the J5 axis rotation center

Robot	R-2000iD/165FF
Robot footprint [mm]	678 x 536
Mounting position Floor	•
Mounting position Upside down	-
Mounting position Angle	
Controller	R-30 <i>i</i> B Plus
Open air cabinet	-
Mate cabinet	0
A-cabinet	•
B-cabinet	0
<i>i</i> Pendant Touch	•
Electrical connections	
Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	2.5
Integrated services	
Integrated signals on upper arm In/Out	8/8
Integrated air supply	2
Environment	
Acoustic noise level [dB]	-
Ambient temperature [° C]	0-45
Protection	
Body standard/optional	IP54
Wrist & J3 arm standard/optional	IP67