

R-2000/300F-27E



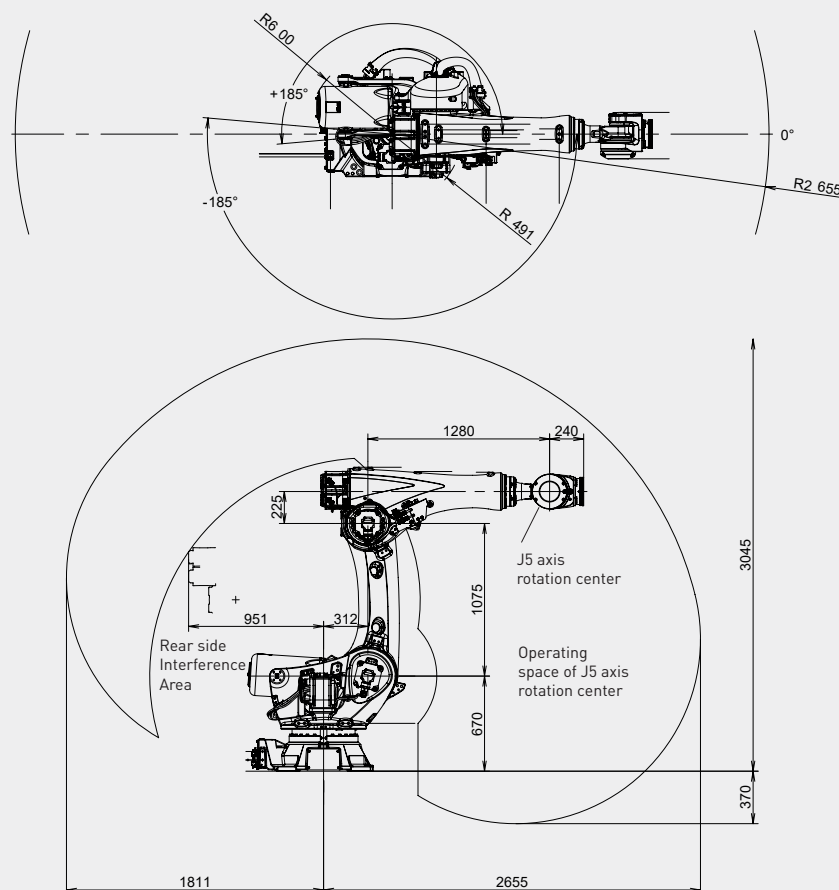
Max. load capacity
at wrist: **300 kg**



Max. reach:
2655 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/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	1365	370	136	362	720	250	720	110	95	90	130	130	210	1770/320	1770/320	1020/230

Working range



Robot

R-2000/300F-27E

Robot footprint [mm]	812 x 605
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-



Controller

R-50iA

Mate cabinet	-
A-cabinet	●
C-cabinet	○
Teach Pendant	●

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	3

Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	1

Environment

Acoustic noise level [dB]	<70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54
Wrist & J3 arm standard/optional	IP67

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

*Based on ISO9283