

M-800/60-20B



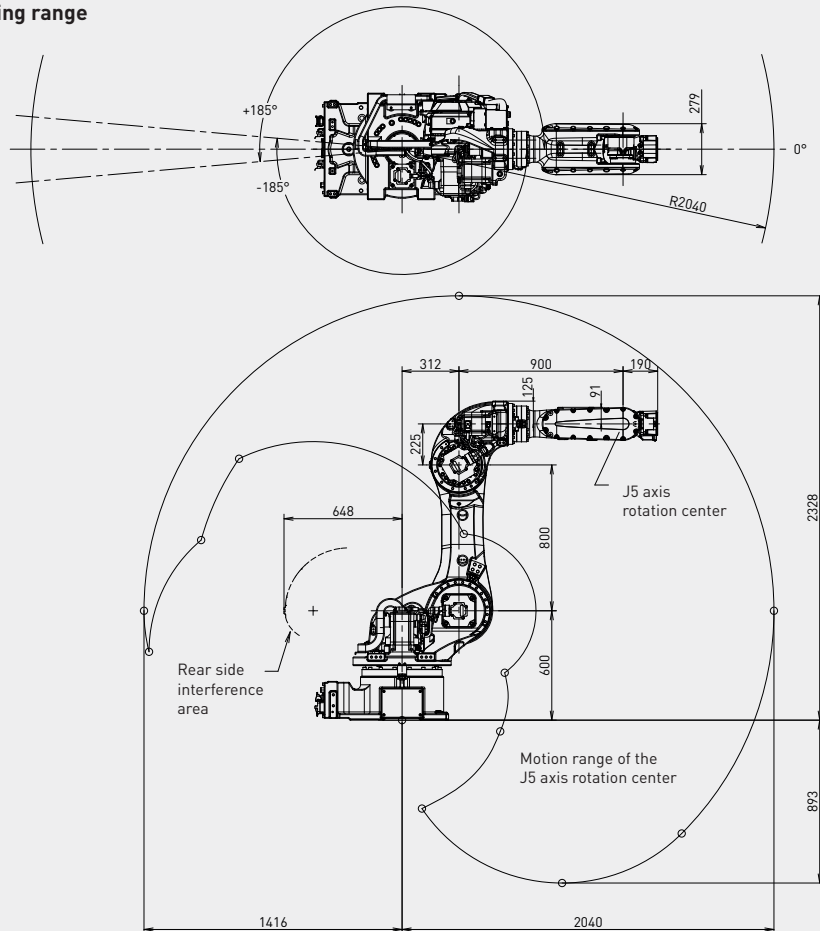
Max. load capacity
at wrist: **60 kg**



Max. reach:
2040 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	± 0.015*	820	370	225	340	720	250	720	150	150	150	260	260	400	210/30	210/30	130/20

Working range



Robot

M-800/60-20B

Robot footprint [mm]	678 x 536
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-



Controller

R-50iA

Mate cabinet	-
A-cabinet	●
C-cabinet	○
iPendant 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	1

Environment

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

Protection

Body standard/optional	IP54
Wrist & J3 arm standard/optional	IP67
Clean room (ISO Class 4)	

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

*Based on ISO9283