

M-810/270-27B



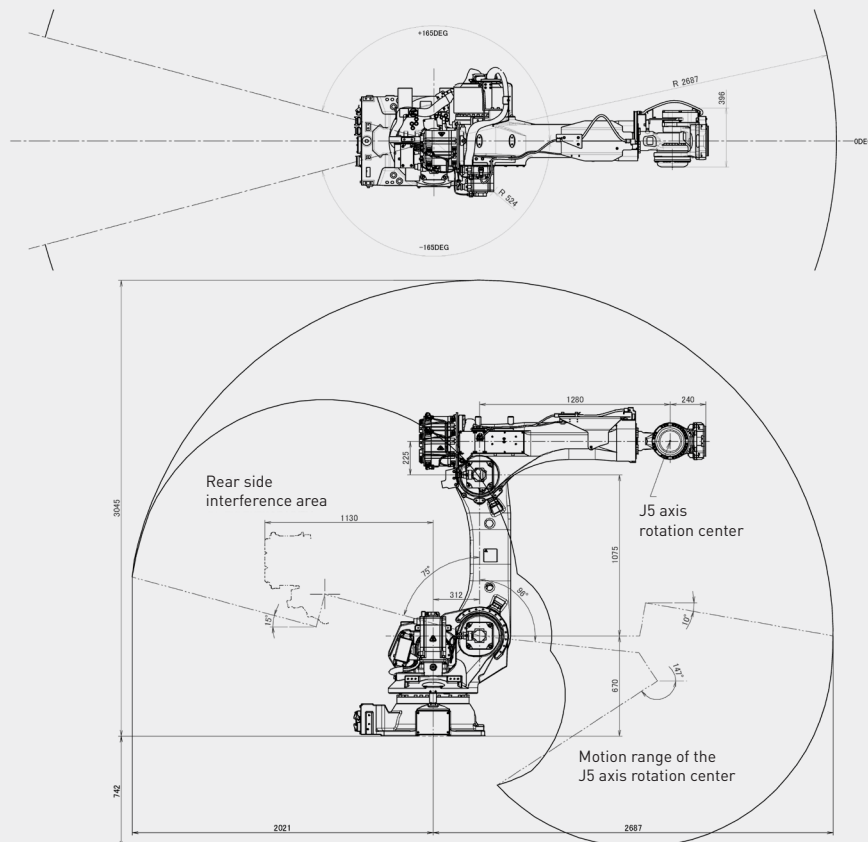
Max. load capacity
at wrist: **270 kg**



Max. reach:
2687 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	± 0.03*	1430	330	171	312	306	240	720	100	80	80	120	115	200	1730/320	1730/320	900/230

Working range



Robot

M-810/270-27B

Robot footprint [mm]	771 x 610
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-



Controller

R-50iA

Mate cabinet	-
A-cabinet	●
B-cabinet	○
iPendant Touch	●

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	-
Integrated air supply	-

Environment

Acoustic noise level [dB]	70.5
Ambient temperature [°C]	0-45

Protection

Body standard/optional	IP56
Wrist & J3 arm standard/optional	IP67

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

*Based on ISO9283