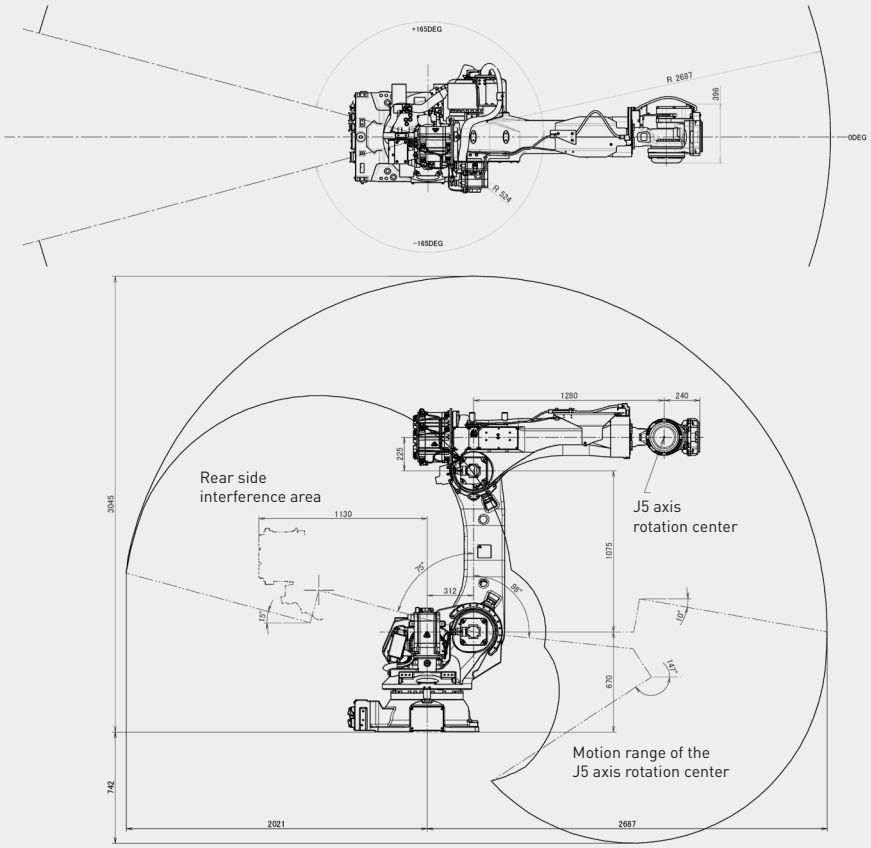
# M-810/270-27B

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/kgm²) | J5 Moment/ Inertia (Nm/kgm²) | J6 Moment/ Inertia (Nm/kgm²) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | J1 | J2 | J3 | J4 | J5 | J6 | J1 | J2 | J3 | J4 | J5 | J6 | | | |
| 6 | ± 0.03* | 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-50*i*A** |
| Mate cabinet | - |
| A-cabinet | ● |
| C-cabinet | ○ |
| *i*Pendant 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


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