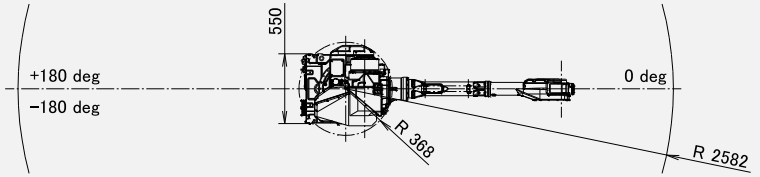
M-710*i*C/20M (High inertia version)

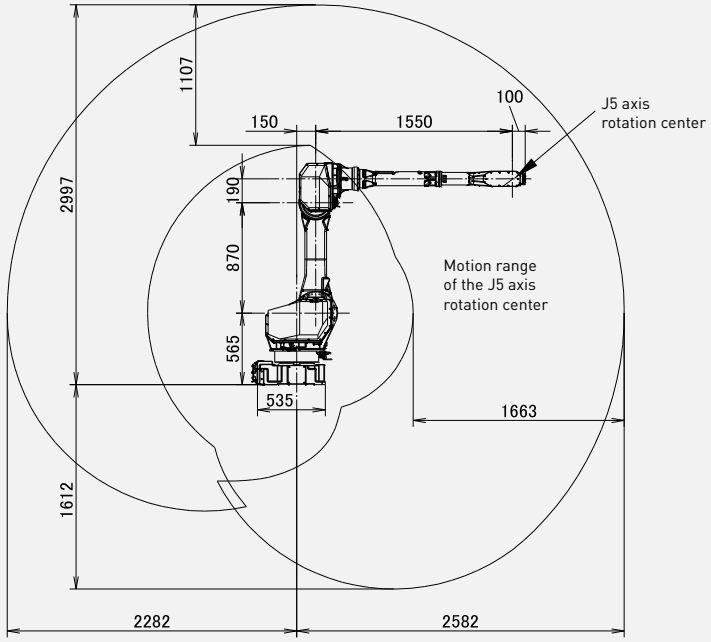
Max. load capacity at wrist: **20 kg**

Max. reach: **2582 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	± 0.06*	530	360	225	435	400	280	900	175	175	180	350	360	600	39.2/0.88	22.0/0.88	16.6/0.25

Working range





Motion range may be restricted according to the mounting angle!

Robot	**M-710*i*C/20M**
Robot footprint [mm]	535 x 550
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●
Controller	**R-30*i*B Plus**
Open air cabinet	-
Mate cabinet	○
A-cabinet	●
B-cabinet	○
*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	1
Environment	
Acoustic noise level [dB]	71.3
Ambient temperature [° C]	0-45
Protection	
Body standard/optional	IP54/IP67
Wrist & J3 arm standard/optional	IP67

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

*Based on ISO9283

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