MOTION CONTROLS ROBOTICS
1500 Walter Ave, Fremont, OH 43420
Contact Sales
Call - 419-334-5886 or
email -sales@mcri-us.com
motioncontrolsrobotics.com

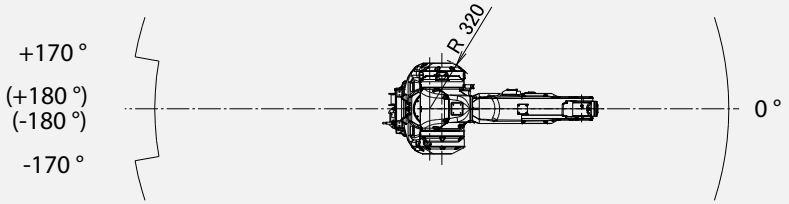
M-20*i*B/25

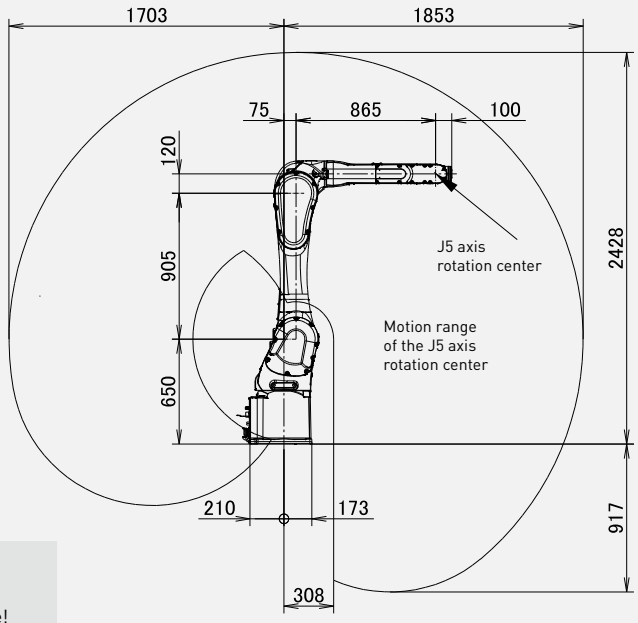
Max. load capacity at wrist: **25 kg**

Max. reach: **1853 mm**

Controlled axes	Pose 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	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.023*	210	340(360)	240	303	400	290	540	-	205	205	260	415	415	880	-	51/2.2	51/2.2	31/1.2

Working range





Motion range may be restricted according to the mounting angle!

Robot	**M-20*i*A/25**
Robot footprint [mm]	383 x 343
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●
Controller	**R30*i*B**
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]	1
Integrated services	
Integrated signals on upper arm In/Out	8/8
Integrated air supply	2
Environment	
Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45
Protection	
Body standard/optional	IP67
Wrist & J3 arm standard/optional	IP67

*Based on ISO9283 ● standard ○ on request - not available [ ] with hardware and/or software option

MOTION CONTROLS ROBOTICS
1500 Walter Ave, Fremont, OH 43420
Contact Sales
Call - 419-334-5886 or
email -sales@mcri-us.com
motioncontrolsrobotics.com