

# M-20iB/35S



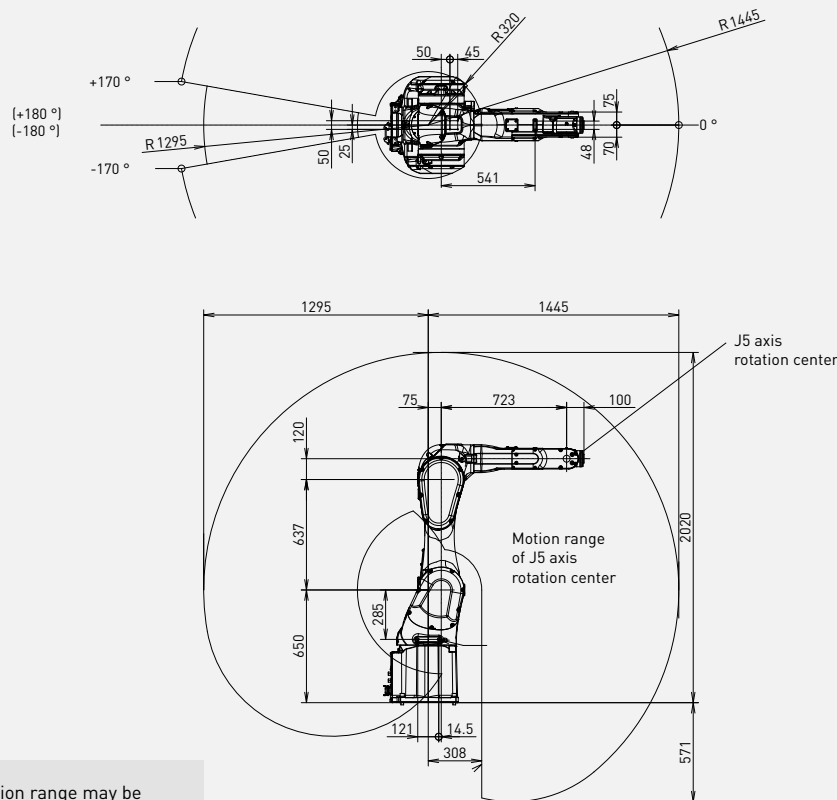
Max. load capacity  
at wrist: **35 kg**



Max. reach:  
**1445 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)							Maximum speed (°/s)							J4 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J5 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J6 Moment/ Inertia (Nm/kgm <sup>2</sup> )
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.02*	205	340 (360)	240	301,5	400	260	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

Robot	M-20iB/35S
Robot footprint [mm]	383 x 343
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●

## Controller

Controller	R-30iB Plus
Open air cabinet	-
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]	1

## Integrated services

Integrated signals on upper arm In/Out	8/2
Integrated air supply	1

## Environment

Acoustic noise level [dB]	< 73.2
Ambient temperature [° C]	0-45

## Protection

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

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

\*Based on IS09283