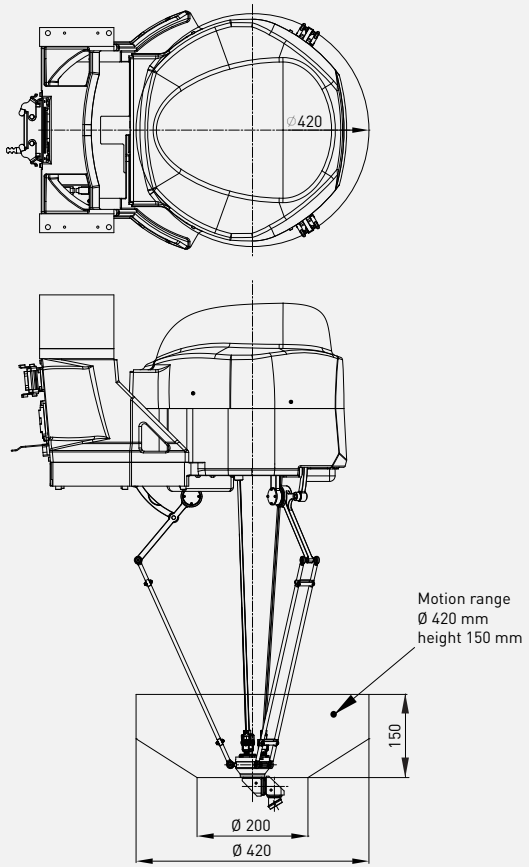
M-1*i*A/0.5AL (Long arm)

Max. load capacity at wrist: **0.5 kg (1 kg)**

Max. reach: **420 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	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.03	26 *2	ø 420 x 150 *3			720	300	720	-	-	-	-	1440	1440	1440	-		*4	

Working range



Motion range may be restricted according to the mounting angle!

Robot	**M-1*i*A/0.5AL**
Robot footprint [mm]	134 x 370
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]	-
Voltage 50/60Hz 1phase [V]	200-230
Average power consumption [kW]	0.2
Integrated services	
Integrated signals on upper arm In/Out	6/6
Integrated air supply	1
Environment	
Acoustic noise level [dB]	57.6
Ambient temperature [° C]	0-45
Protection	
Body standard/optional	IP20
Wrist & J3 arm standard/optional	IP20

*2) with stand *3) Ø in mm by height in mm *4) refer to the wrist load diagramm

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