

M-1iA/0.5A



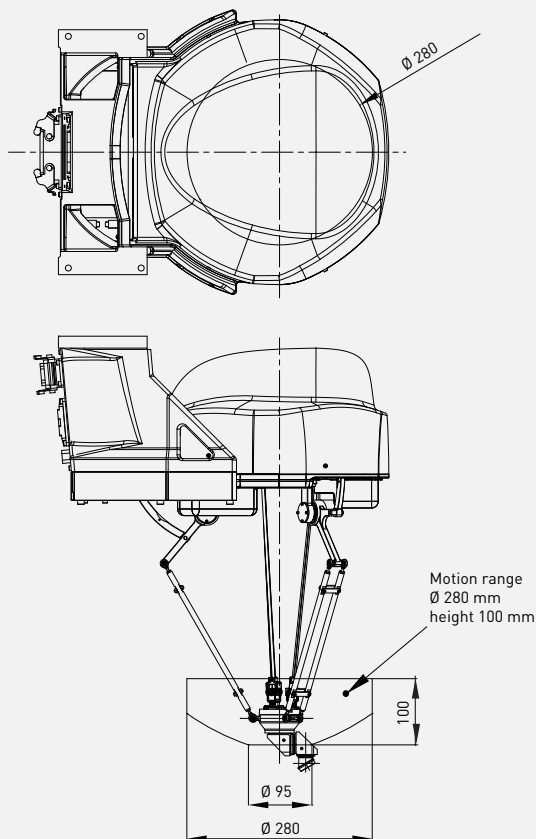
Max. load capacity
at wrist: **0.5 kg (1 kg)**



Max. Reach:
280 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	± 0.02	23 *2)	ø 280 x 100 *3)			720	300	720	–	–	–	1440	1440	1440	*4)		

Working Range



Robot

	M-1iA/0.5A
Robot footprint [mm]	134 x 370
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



Controller

	30iB
Open air cabinet	●
Mate cabinet	○
A-cabinet	-
B-cabinet	-
iPendant 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]	61.2
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