

# M-2iA/6HL (Long arm, Hollow wrist)



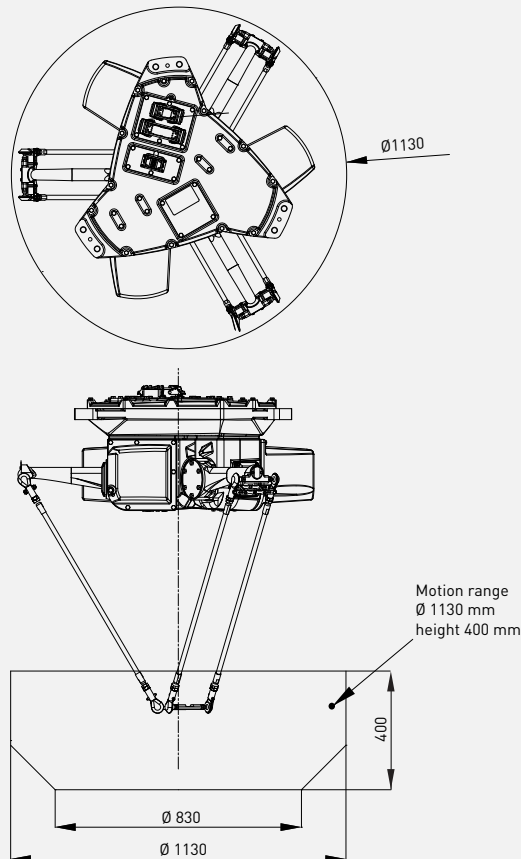
Max. load capacity  
at wrist: **6 kg**



Max. reach:  
**1130 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				
3	± 0.1	115	∅ 1130 x 400 *3			-	-	-	-	-	-	-	-	-	-	-	-		*4	

## Working range



### Robot

	M-2iA/6HL
Robot footprint [mm]	∅ 800
Mounting position Floor	-
Mounting position Upside down	●
Mounting position Angle	-

### Controller

	R30iB
Open air cabinet	●
Mate cabinet	○
A-cabinet	○
B-cabinet	-
iPendant Touch	●

### Electrical connections

Voltage 50/60Hz 3phase [V]	200-230 *6
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	-

### Environment

Acoustic noise level [dB]	73.7
Ambient temperature [° C]	0-45

### Protection

Body standard/optional	IP67/IP69K
Wrist & J3 arm standard/optional	IP69K

\*3) ∅ in mm by height in mm \*4) refer to the wrist load diagramm \*6) transformer required  
 ● standard ○ on request - not available ( ) with hardware and/or software option