

M-16i



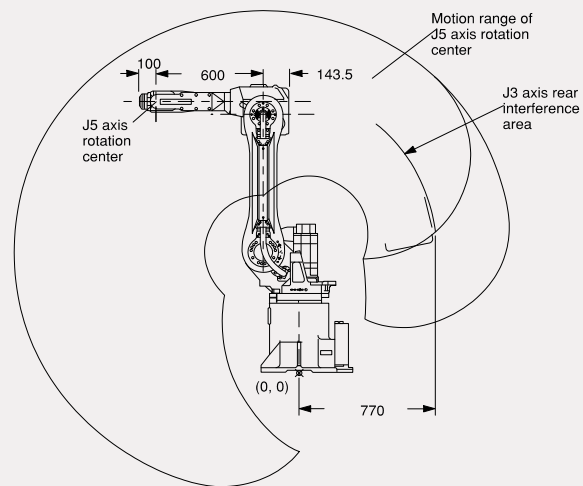
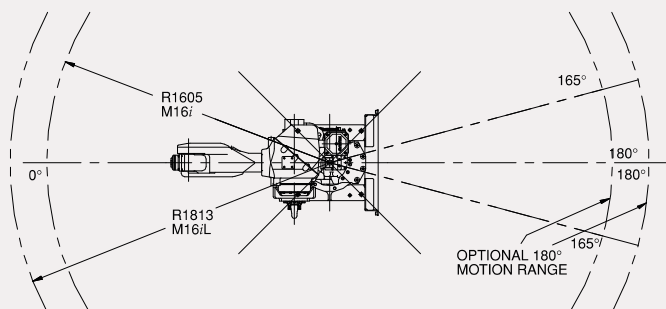
Max. load capacity at wrist: **16 kg**



Max. reach: **1605 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)							Maximum speed (°/s)							J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
6	±0.08	270	330	240	455.5	400	280	900	-	140	140	140	330	330	450	-	36/0.87	32/0.71	16/0.2

Working range



Robot

	M-16i
Robot footprint [mm]	360 x 430
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



Controller

	System R-J3
Open air cabinet	-
Mate cabinet	-
A-cabinet	-
B-cabinet	●
iPendant Touch	-

Electrical connections

Voltage 50/60Hz 3phase [V]	180-253
Voltage 50/60Hz 1phase [V]	-
Power capacity [KVA]	3.0

Integrated services

Integrated signals on upper arm In/Out	6/2
Integrated air supply	1

Environment

Acoustic noise level [dB]	70
Ambient temperature [° C]	0-45

Protection

Body standard	IP54
Wrist & J3 arm standard	Ip67

● standard ○ on request - not available