

M-900iB/280



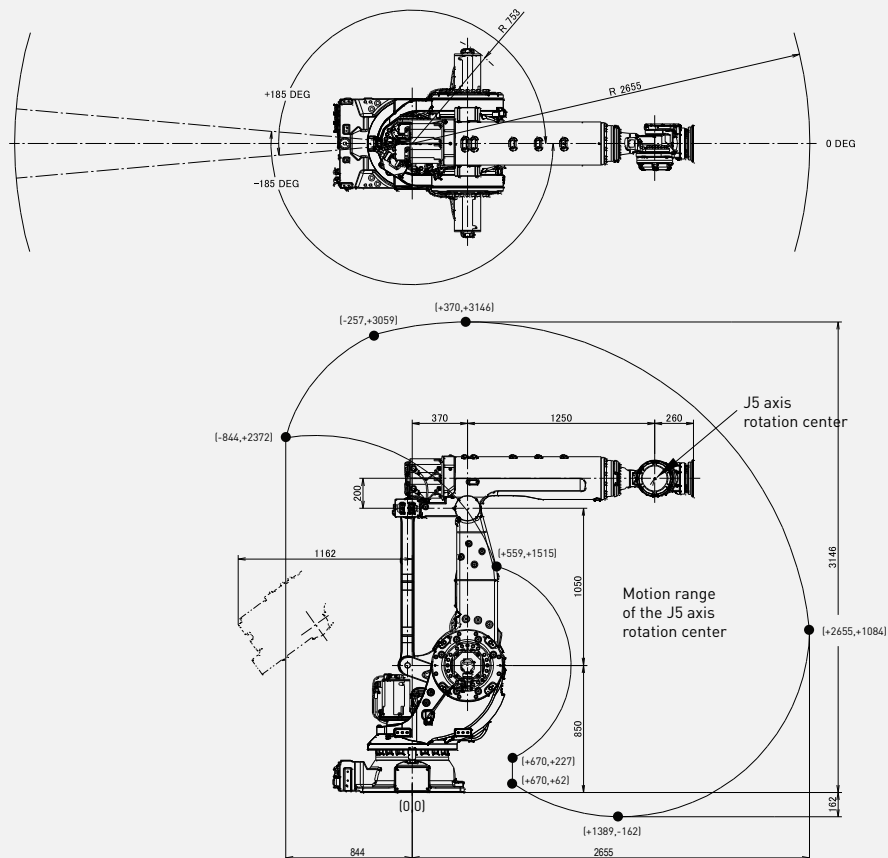
Max. load capacity
at wrist: **280 kg**



Max. Reach:
2655 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	J1	J2	J3	J4	J5	J6			
6	± 0.3	1700	370	151	224	720	250	720	110	105	100	110	110	180	1960/260 (460)	1960/260 (460)	1050/160 (360)

Working Range



Robot

	M-900iB/280
Robot footprint [mm]	830 x 610
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]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	3

Integrated services

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

Environment

Acoustic noise level [dB]	73.9
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

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

M-900iB/360



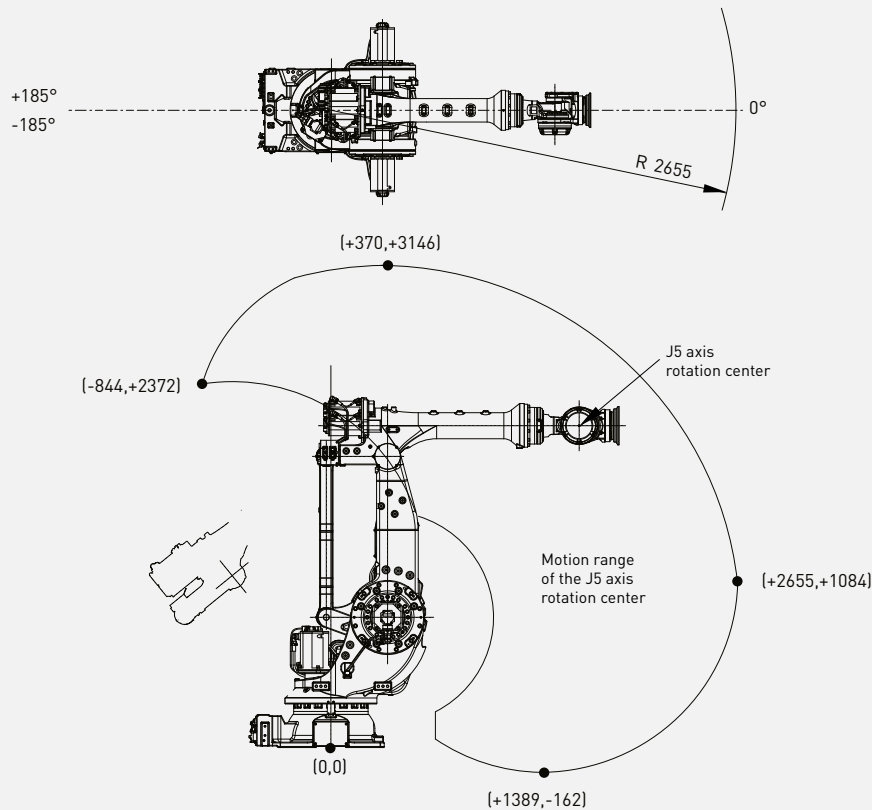
Max. load capacity
at wrist: **360 kg**



Max. Reach:
2655 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	J1	J2	J3	J4	J5	J6			
6	± 0.3	1540	370	151	224	720	250	720	110	105	100	110	110	180	1960/260 (460)	1960/260 (460)	1050/160 (360)

Working Range



Robot

	M-900iB/360
Robot footprint [mm]	830 x 610
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]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	3

Integrated services

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

Environment

Acoustic noise level [dB]	73.9
Ambient temperature [° C]	0-45

Protection

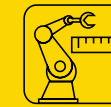
Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

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

M-900iB/700



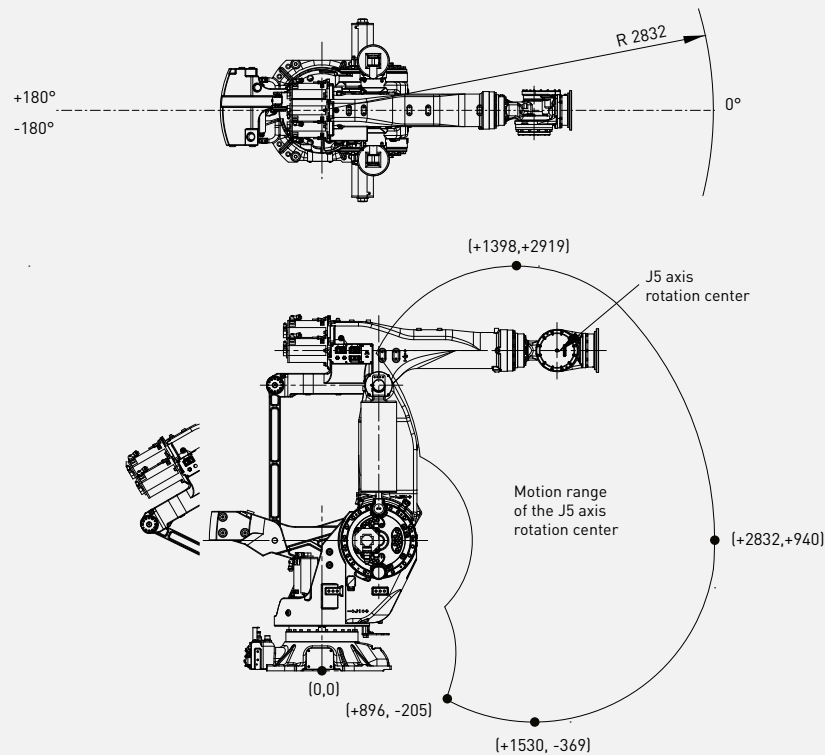
Max. load capacity
at wrist: **700 kg**



Max. Reach:
2832 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	J1	J2	J3	J4	J5	J6			
6	± 0.3	2800	360	154	160	720	244	720	80	80	80	100	100	160	3400/1098	3400/1098	1725/444

Working Range



Robot

M-900iB/700

Robot footprint [mm]	1009 x 814
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]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	5

Integrated services

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

Environment

Acoustic noise level [dB]	76.3
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54 /IP56
Wrist & J3 arm standard/optional	IP67

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