Fast, slim and accurate handling robot

FANUC





The compact solution for maximum performance

- new slim and lightweight design to increase productivity
- compact arm and wrist to minimise interference against peripheral equipment and fixtures
- ideal solution for compact production line installations
- smooth finishing to reduce collection of dust and dirt
- easy installation and seamlessly integrated routing of user cable handling dressout eliminate interference from peripherals and work cell equipment
- intelligent maintenance schedule with Zero Down Time software by smartly predicting mechanical and process equipment status

MANUFACTURED EFFICIENCY

WWW.FANUC.EU

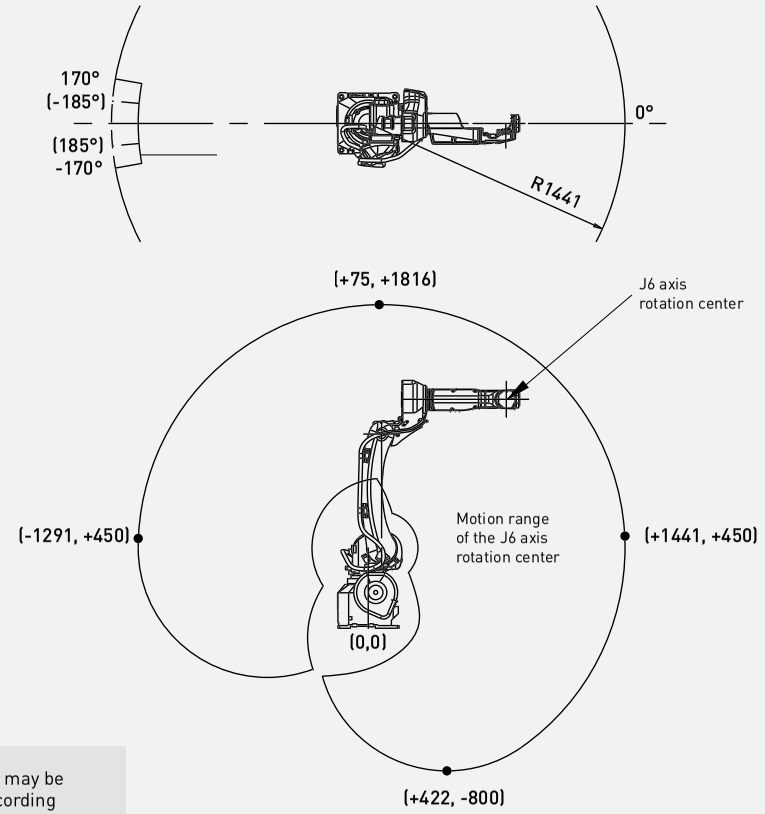
M-10*i*D/12 (Hollow wrist)

Max. load capacity at wrist: **12 kg**

Max. reach: **1441 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	± 0.02*	145	340 (370)	235	450	380	380	900	–	260	240	260	430	450	720	–	26.0/0.90	26.0/0.90	11.0/0.30

Working range



Motion range may be restricted according to the mounting angle!

Robot	**M-10*i*D/12**
Robot footprint [mm]	340 x 340
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●
Controller	**R-30*i*B Plus**
Open air cabinet	-
Mate cabinet	○
A-cabinet	●
B-cabinet	○
*i*Pendant Touch	●
Electrical connections	
Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	1
Integrated services	
Integrated signals on upper arm In/Out	8/8
Integrated air supply	1
Environment	
Acoustic noise level [dB]	57,4
Ambient temperature [° C]	0-45
Protection	
Body standard/optional	IP54 /IP55
Wrist & J3 arm standard/optional	IP67

*Based on ISO9283

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

Technical information subject to changes without prior notice. All rights reserved. ©2017 FANUC Europe Corporation