

FANUC

Hollow arm meets full productivity



**FULLY INTEGRATED
PROCESS CABLES**
to ensure protection of
process cables and
prevention of interference
with system equipment



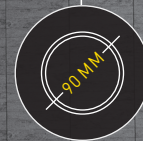
LONG LIFETIME
High durability and
maintainability for
process cables



SPACE SAVING DESIGN
23 % decrease of installation
area compared to former
series



100 KG PAYLOAD



**LARGE HOLLOW WRIST
OF 90 MM** and hollow arm



EASY SYSTEM STUDY
with offline teaching

NEW

R-2000iD/100FH

NEW FANUC R-2000iD series: Compact design and easy maintenance

- Reduction of maintenance time and costs due to optimised long-life cables
- Number of strategic openings ensure easy access to cables
- Easy and precise offline simulation with ROBOGUIDE
- Ideally equipped for applications like spot welding or material handling applications

R-2000iD/100FH



Max. load capacity
at wrist: **100 kg**



Max. reach:
2605 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	± 0.05	1150	370	140	234	420	250	420	105	130	130	200	160	300	450/50



Robot

Robot footprint [mm]	R-2000iD/100FH
Mounting position Floor	678 x 536
Mounting position Upside down	•
Mounting position Angle	-



Controller

Open air cabinet	R-30iB Plus
Mate cabinet	-
A-cabinet	o
B-cabinet	•
iPendant Touch	o
	•

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
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	2

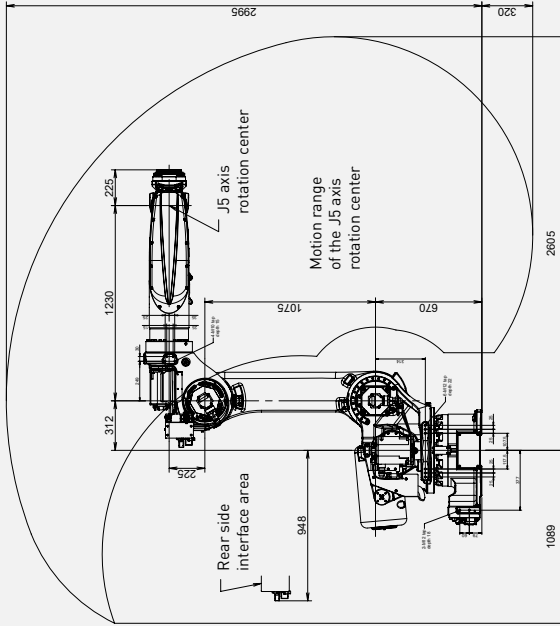
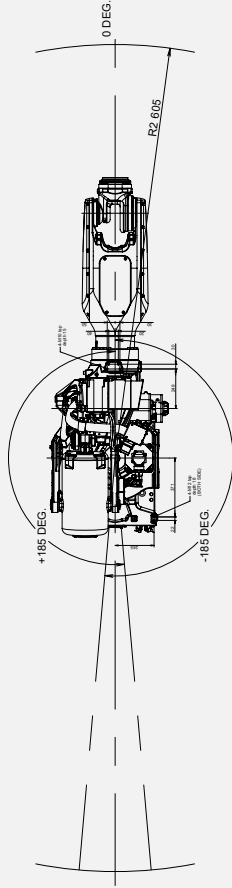
Environment

Acoustic noise level [dB]	69.8
Ambient temperature [° C]	0-45

Protection

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

Working range



• standard o on request - not available () with hardware and/or software option *Based on ISO9283