

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



165 KG PAYLOAD



LARGE HOLLOW WRIST
OF 90 MM and hollow arm



EASY SYSTEM STUDY
with offline teaching

NEW

R-2000iD/165FH

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/165FH

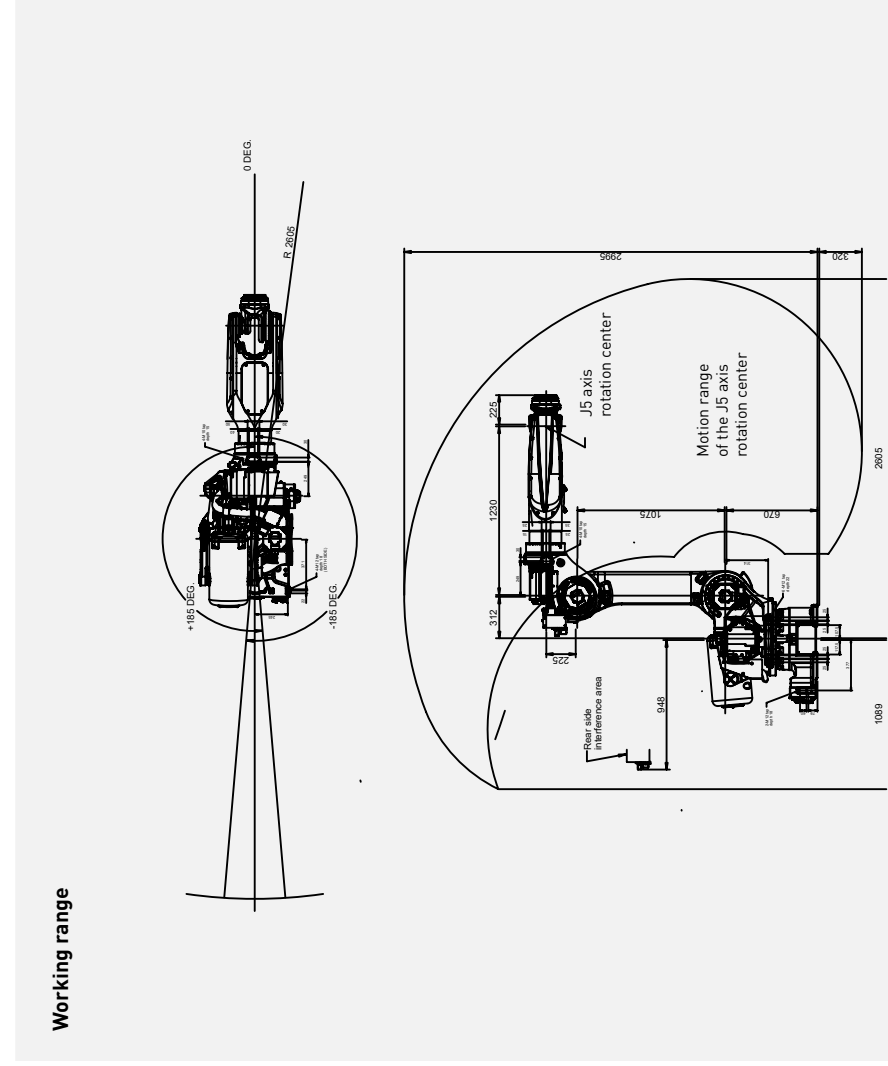


Max. load capacity
at wrist: **165 kg**



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*	1130	370	140	234	420	420	250	420	130	110	115	175	170	280	1000/122	1000/122	620/100



- Robot**
- Robot footprint [mm] R-2000iD/165FH
678 x 536
 - Mounting position Floor ●
 - Mounting position Upside down -
 - Mounting position Angle -
- Controller**
- Open air cabinet R-30iB Plus
 - 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] 2.5

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

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

- Protection**
- Body standard/optional IP54
 - Wrist & J3 arm standard/optional IP67

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