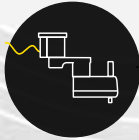


FANUC



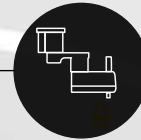
EASY INTEGRATION
thanks to a compact
installation interface



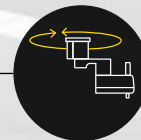
INTEGRATED SERVICES
I/O, 24 DVC, solenoid
valves and air lines prevent
interference contours



700 MM WORKING DIAMETER
and 360° work area for
highest flexibility



**IMPRESSIVE
WEIGHT-TO-LOAD RATIO**
weight 27 kg vs. payload 3 kg



100% WORKSPACE
as no lost space in the
center of the work envelope

Zero footprint SCARA robot for highest flexibility

SR-3iA/U

Next level of FANUC SCARA robot line-up

- zero footprint offers maximum flexibility
- no lost space in the center of the work envelope as entire workspace underneath the arm can be utilised (no dead-zone)
- highly suitable for assembly, packaging and material handling operations
- R-30iB Compact Plus controller with minimum space requirements
- web based user interface (*iRProgrammer*) for intuitive and ease-of-use programming via tablet or PC (no *iPendant Touch* required but optional available)
- payload capacity: 3 kg, horizontal reach: 350 mm, vertical reach: 140 mm
- integrated services e.g. I/O, 24 VDC, solenoid valves and air lines in the arm simplify integration and reduce costs
- push-down force up to max. 150 N

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SR-3iA/U

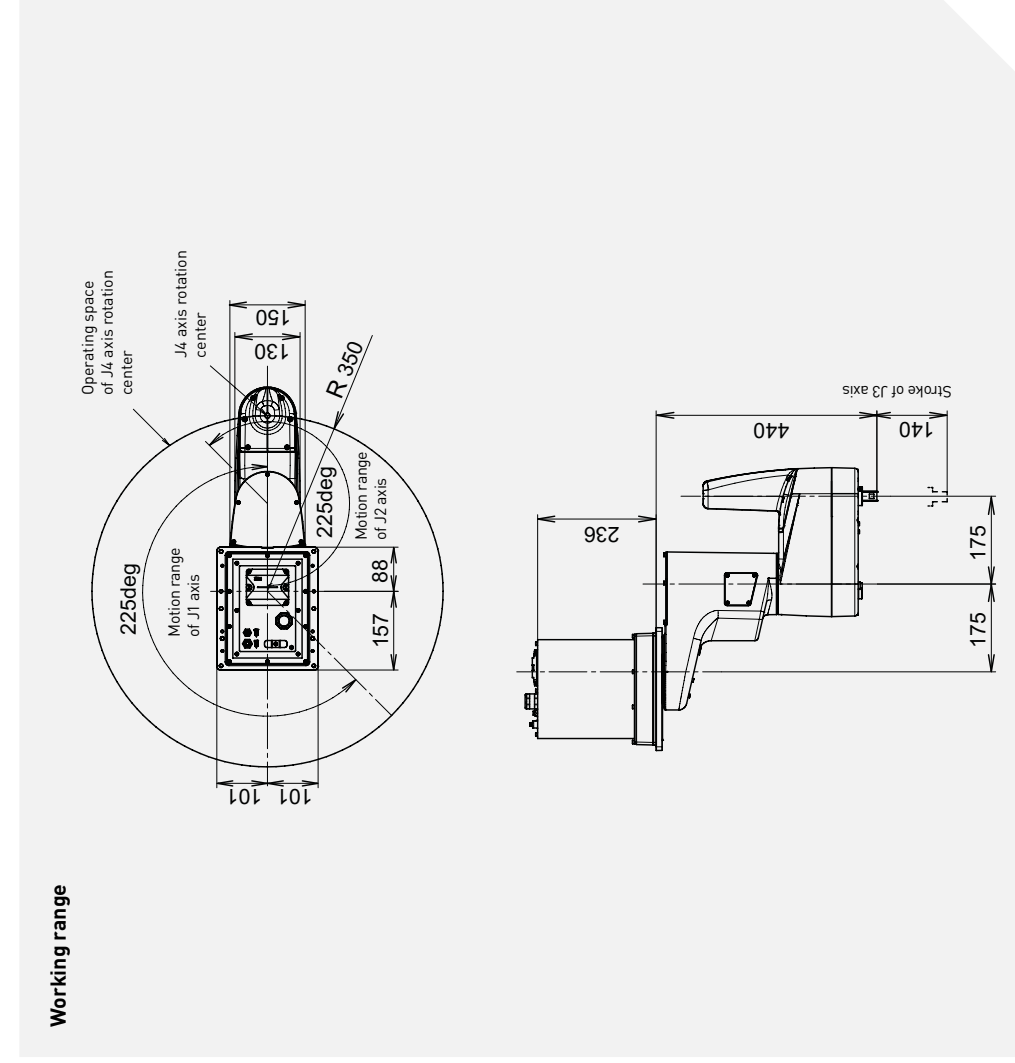
Max. load capacity
at wrist: **3 kg**



Max. reach:
350 mm



Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]				Maximum speed [°/s]				J4 Inertia (kgm ²)	J5 Inertia (kgm ²)	J6 Inertia (kgm ²)				
			J1	J2	J3	J4	J5	J6	J2	J3				J4	J5	J6	
4	±0.01 (J1, J2), ±0.01 (J3), ±0.006° (J4)	27	450	450	140 mm	1440	-	-	610	840	1500 mm/sec	3000	-	-	0.06	-	-



Robot

SR-3iA/U
 Robot footprint [mm] 202x245
 Mounting position Floor
 Mounting position Ceiling
 Mounting position Angle
 Mounting position Wall

Controller

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

Electrical connections

Voltage 50/60Hz 3phase [V] -
 Voltage 50/60Hz 1phase [V] 200-230
 Average power consumption [kW] 0.25

Integrated services

Integrated signals on upper arm In/Out 4/4
 Integrated air supply 2
 Integrated solenoid valve 2

Environment

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

Protection

Body standard/optional IP20 / IP 65
 Wrist & J3 arm standard/optional IP20 / IP 65

Auxiliary

Max. push-down force (Newton) 150
 Max. linear speed at TCP [mm/sec] -
 Cleanliness class -

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