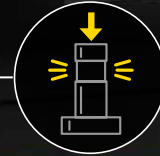


Ultra-compact, fast and accurate

FANUC

NEW SCARA ROBOT SR-6iA

BRAKE RELEASE SWITCH
ALLOWS EASY
ERROR RECOVERY



STRONG ARM
6 KG MAX PAYLOAD



FANUC Robot SR-6iA



LIGHTWEIGHT DESIGN
ULTRACOMPACT FOOTPRINT AND ROBOT
DESIGN MINIMISE INTERFERENCE
WITH PERIPHERAL DEVICES



INTEGRATED SERVICES
I/O, 24VDC, SOLENOID VALVES
AND AIR LINES PREVENT
INTERFERENCE CONTOURS



Next level of FANUC small robot line-up

- ultra-compact footprint and robot design minimises interference with peripheral devices
- highly suitable for assembly, packaging and material handling operations
- new 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)
- payload capacity of 6 kg - horizontal reach: 650 mm - vertical reach: 210 mm
- integrated services e.g. I/O, 24VDC, solenoid valves and air lines in the arm simplify integration and reduce costs
- bottom cable exit and wall mounting equipment optional available

SR-6iA

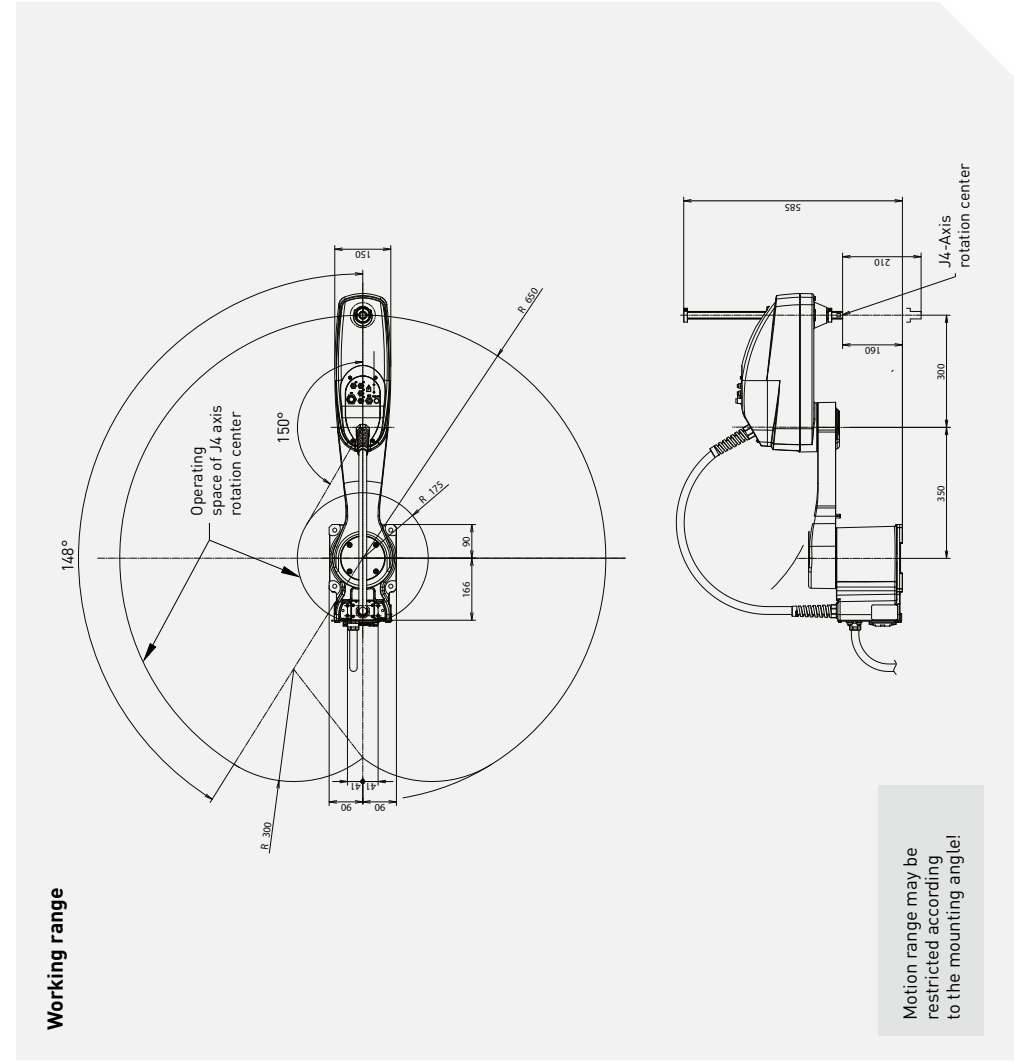


Max. load capacity
at wrist: **6kg**



Max. reach:
650 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]				Inertia (kgm ²)	Inertia (kgm ²)	Inertia (kgm ²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	
4	± 0.01 (J1,J2, J3) ± 0.004 (J4)	30	296	300	210mm	720	-	-	440	700	2000 mm/sec	2500	-	-	-



Robot	SR-6iA
Robot footprint [mm]	180 x 258 (399)
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-
Mounting position Wall	○

Controller	R30iB 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]	0.2

Integrated services	
Integrated signals on upper arm In/Out	4/4
Integrated air supply	3
Integrated solenoid valve	2

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

Protection	
Body standard/optional	IP20
Wrist & J3 arm standard/optional	IP20

Auxiliary	
Max. push-down force (Newton)	200