

Specifications

Model		CR-15iA
Type		6axes (J1,J2,J3,J4,J5,J6)
Reach		1441 mm
Installation		Floor, Upside-down, Angle mount
Motion range (Note 1)	J1 axis	340° / 370° 5.93 rad / 6.46 rad
	J2 axis	180° 3.14 rad
	J3 axis	305° 5.32 rad
	J4 axis	380° 6.63 rad
	J5 axis	280° 4.89 rad
	J6 axis	900° 15.71 rad
Max load capacity at wrist (Note 1)		15 kg
Maximum speed (Note 2)		800 mm/s (Note 3) (Max 1500 mm/s (Note 4))
Allowable load moment at wrist	J4 axis	26.0 N·m
	J5 axis	26.0 N·m
	J6 axis	11.0 N·m
Allowable load inertia at wrist	J4 axis	0.90 kg·m ²
	J5 axis	0.90 kg·m ²
	J6 axis	0.30 kg·m ²
Repeatability(Note 5)		± 0.02 mm
Mass (Note 6)		255 kg
Installation environment		Ambient temperature : 0 to 45°C Ambient humidity : Normally 75%RH or less (No dew nor frost allowed), Short term 95%RH or less (within one month)

Note 1) In case of angle mounting, J1 and J2 axis motion range are restricted.

Note 2) During short distance motions, the axis speed may not reach the maximum value stated.

Note 3) It is necessary to set a motion speed according to risk assessment of system considering pinching with the surroundings.

Note 4) If the area is monitored by a safety sensor (located separately).

Note 5) Compliant with ISO9283.

Note 6) Without controller.