

Item	Specification	
Robot type	CZ10	
Number of axis	6	
Drive system	AC servo motor	
Max. working envelope *1	Axis 1	$\pm 2.96\text{rad}(\pm 170^\circ)$
	Axis 2	$-1.30 \rightarrow + 3.92\text{rad}(-75 \rightarrow + 225^\circ)$
	Axis 3	$-1.34 \rightarrow + 3.96\text{rad}(-77 \rightarrow + 227^\circ)$
	Axis 4	$\pm 3.14\text{rad}(\pm 180^\circ)$
	Axis 5	$\pm 2.96\text{rad}(\pm 170^\circ)$
	Axis 6	$\pm 6.28\text{rad}(\pm 360^\circ)$
Max. speed *1	Axis 1	$2.09\text{rad/s}(120^\circ/\text{s})$
	Axis 2	$2.09\text{rad/s}(120^\circ/\text{s})$
	Axis 3	$3.14\text{rad/s}(180^\circ/\text{s})$
	Axis 4	$3.14\text{rad/s}(180^\circ/\text{s})$
	Axis 5	$3.14\text{rad/s}(180^\circ/\text{s})$
	Axis 6	$3.14\text{rad/s}(180^\circ/\text{s})$
Max. payload*1	Wrist	10kg
Allowable static load torque*1	Axis 4	25.9N·m
	Axis 5	25.9N·m
	Axis 6	5.9N·m
Allowable moment of inertia *2	Axis 4	$0.75\text{kg}\cdot\text{m}^2$
	Axis 5	$0.75\text{kg}\cdot\text{m}^2$
	Axis 6	$0.08\text{kg}\cdot\text{m}^2$
Position repeatability *3	$\pm 0.04\text{mm}$	
Max. reach	1300mm	
Air piping	$\phi 4 \times 1$	
Application signal line	D1×4,D0×3	
Installation *4	Floor/Inverted	
Ambient conditions	Temperature: $0\sim 45^\circ\text{C}$ *5 Humidity: $20\sim 85\%RH$ (No dew condensation) Vibration to the installation face: $0.5G(4.9\text{m/s}^2)$ or less	
Dust-proof Drip-proof performance *5	IP54 equivalent (dust and drain proof-type)	
Robot mass	61kg	
Safety certification	ISO 10218-1(Equivalent) TS 15066(Equivalent)	