



## 6-DOF Robot Manipulator

### Product descriptions and features

#### Features

- 6-DOF robot manipulator can be applied to soldering, gluing, cutting, loading and unloading, etc in industrial production.
- It's suitable for high speed operation because of rational structure, advanced performance, high precision, strong practicality, etc.



KEJIE website



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## Parameters

Item	Parameter	
Degree of joint movement	J1 [deg]	±170
	J2 [deg]	-140, +90
	J3 [deg]	-85, +135
	J4 [deg]	±180
	J5 [deg]	±130
	J6 [deg]	±360
Length of arm	1st arm length [J3 to J2] [mm]	590
	1st arm offset [J2 to J11] [mm]	115
	2nd arm length [J5 to J3] [mm]	660
	2nd arm offset [J4 to J3] [mm]	160
Allowable moment	J4[kg·m <sup>2</sup> ]	0.42
	J5[kg·m <sup>2</sup> ]	0.24
	J6[kg·m <sup>2</sup> ]	0.17
Allowable moment of inertia	J4[N·m]	20
	J5[N·m]	16
	J6[N·m]	16
Repeatability [mm]		±0.05
Max load [kg]		6
Weight [kg]		165