

JAKA

JAKA Zu 30 Cobot



JAKA Zu 30 is a brand new cobot, which is specifically designed for heavy object and compact space. Building on the JAKA Zu series' hallmark features of simplicity, ease of use, safety, reliability, and high accuracy, the Zu 30 expands the boundaries of collaborative robot applications with its 30 kg payload, 1350 mm reach, and IP65. In addition, it offers you customized solutions for scenarios such as heavy object handling, wafer box loading and unloading, heavy object machining, palletizing, and welding, leading the way in collaborative automation!



Heavy payload



Long reach

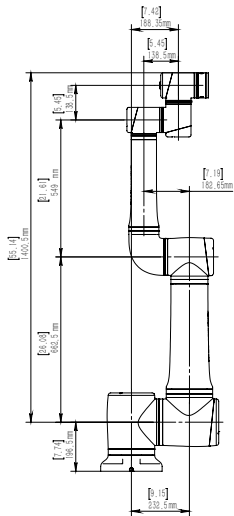


High repeatability

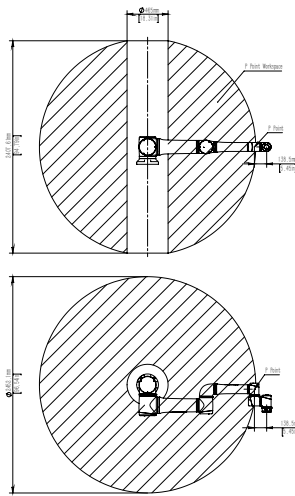


High ingress protection

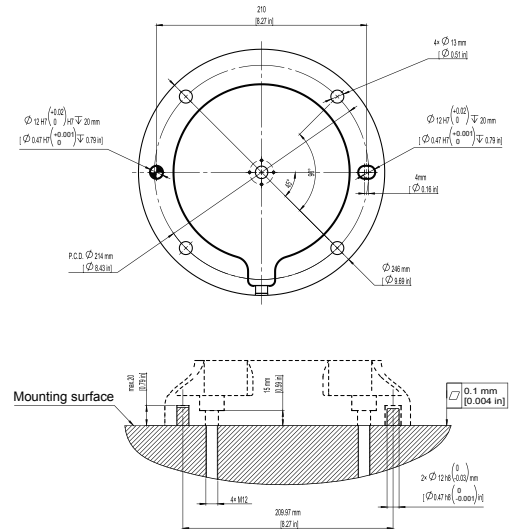
JAKA Zu 30 Dimension Diagram



JAKA Zu 30 Outline Dimension

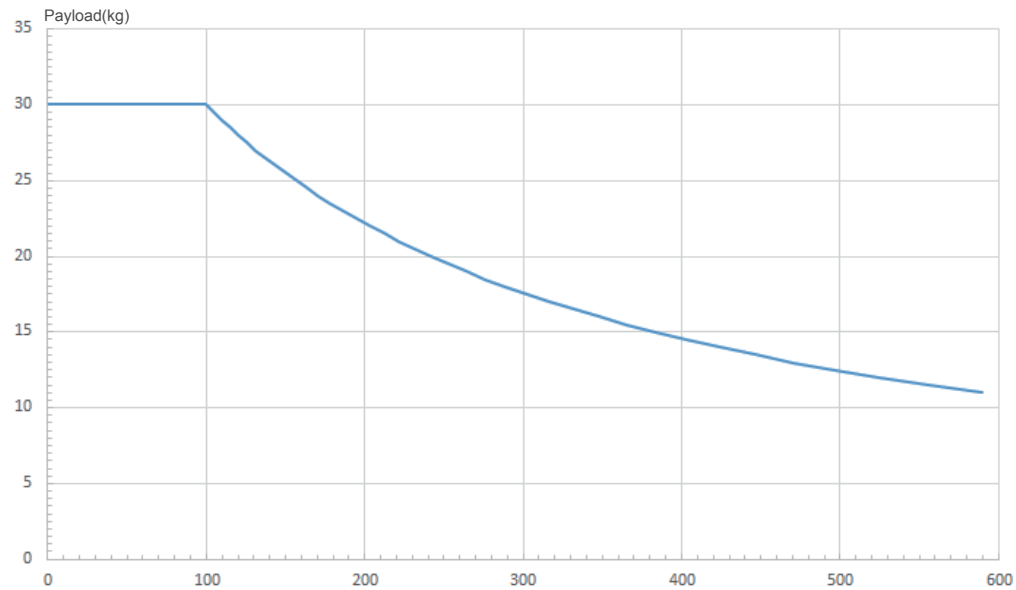


JAKA Zu 30 Workspace Dimension

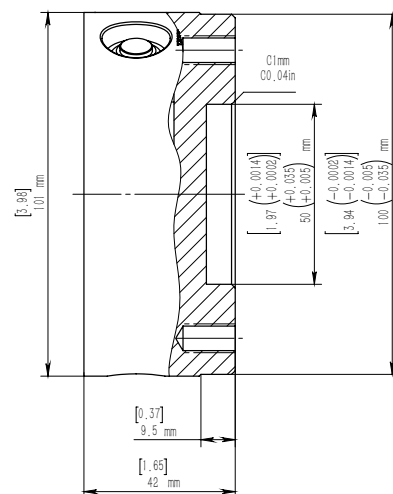
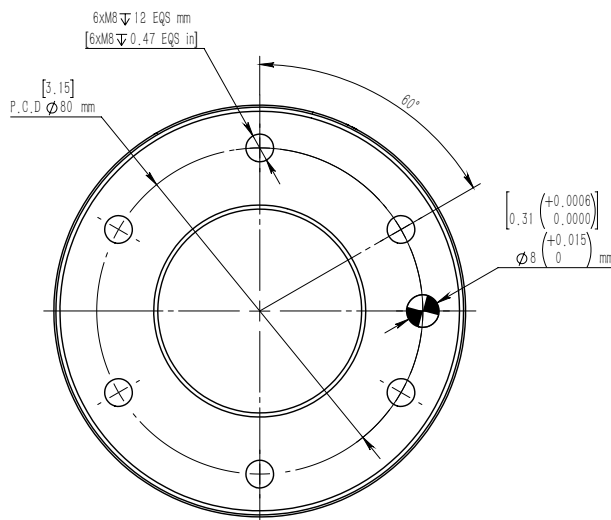


JAKA Zu 30 Base Dimension

JAKA Zu 30 Payload Diagram



JAKA Zu 30 Flange Dimension Diagram





JAKA Zu 30 Specifications

Basic Parameter	Payload	30 kg	
	Reach	1350 mm	
	Degree of freedom	6	
	Average power consumption	750 W	
Movement	Typical TCP speed	2 m/s	
	Repeatability	±0.05 mm	
	Joint	Range of action	Joint speed
	Joint 1	±360°	120°/s
	Joint 2	-85°-+265°	120°/s
	Joint 3	±175°	120°/s
	Joint 4	-85°-+265°	220°/s
	Joint 5	±360°	220°/s
Specifications	Joint 6	±360°	220°/s
	IP	IP 65	
	Robot mounting	Mounting at any angle	
	Tool I/O power supply	12V/24V	
	Tool flange	EN ISO-9409-1-80-6-M8	
	Weight	65 kg	



Control Cabinet Specifications

Specifications	IP	IP 44
	Control cabinet I/O port	16 digital inputs, 16 digital outputs, 2 analog inputs or outputs
	Communication	TCP/IP, Modbus TCP, Modbus RTU, PROFINET, Ethernet/IP
	Power supply	100-240 VAC, 50-60 Hz
Physical Properties	Size(W*H*D)	410*235*307 mm (16.14*9.25*12.09 in)
	Material	Plastic-sprayed carbon steel plate
	Length of control cabinet power cord	3 m (118.1 in)
	Weight	18 kg (39.68 lb)

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