

Parameters and Layout of JAKA Pro



类别	JAKA Pro 5	JAKA Pro 12	JAKA Pro 16
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JAKA Pro Series Cobots



Character	JAKA Pro 5		JAKA Pro 12		JAKA Pro 16		
	Payload	5kg		12kg		16kg	
Weight (W cable)	23kg		41kg		73.9kg		
Work radius	954mm		1327mm		1713mm		
Repeatability	±0.02mm		±0.02mm		±0.02mm		
Axis	6		6		6		
Programming	Graphical programming, free-drive		Graphical programming, free-drive		Graphical programming, free-drive		
Teach pendant	MT (PAD/Mobile) APP		MT (PAD/Mobile) APP		MT (PAD/Mobile) APP		
Collaborative operation	Accordance with GB 11291.1-2011		Accordance with GB 11291.1-2011		Accordance with GB 11291.1-2011		
Scope and speed	Robot	Work scope	Max speed	Work scope	Max speed	Work scope	Max speed
	Joint 1	±360°	180°/s	±360°	120°/s	±360°	120°/s
	Joint 2	-50°, +230°	180°/s	-50°, +230°	120°/s	-50°, +230°	120°/s
	Joint 3	±155°	180°/s	±155°	120°/s	±155°	120°/s
	Joint 4	-85°, +265°	180°/s	-85°, +265°	180°/s	-85°, +265°	180°/s
	Joint 5	±270°	180°/s	±270°	180°/s	±270°	180°/s
	Joint 6	±270°	180°/s	±270°	180°/s	±270°	180°/s
Max speed	/	3m/s	/	3m/s	/	3.5m/s	
Performance and others	Rated power	350W		500W		750W	
	Temperature range	-10-50°C		-10-50°C		-10-50°C	
	IP Specification	IP68		IP68		IP68	
	Installation	installation at any angle		installation at any angle		installation at any angle	
	Tool I/O	Digital input 2 Digital output 2 Analog input 1		Digital input 2 Digital output 2 Analog input 1		Digital input 2 Digital output 2 Analog input 1	
	Tool I/O power	24V		24V		24V	
	Tool I/O size	M8		M8		M8	
	Materials	Aluminum alloy、PC		Aluminum alloy、PC		Aluminum alloy、PC	
base diameter	158mm		188mm		246mm		
Cable length	6 m		6 m		6 m		

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JAKA Pro Series Cobots



Complete protection



Waterproof and dustproof



Safe and easy

