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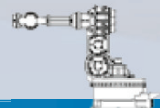
Kawasaki Robot

Simple friendly

Specifications

TYP	ZB100L	ZB150S	ZT130L	ZT130U	ZT165U	ZT200U
Type of arm	Articulated arm					
Degrees of freedom	6 axes (optional 7 axes)					
Reach	1,655 mm	1,365 mm	3,530 mm	3,230 mm	3,230 mm	3,230 mm
Maximum Payload	100 kg	150 kg	130 kg	130 kg	165 kg	200 kg
Maximum stroke	JT1	± 160°	± 160°	± 180°	± 180°	± 180°
	JT2	+120°~-70°	+120°~-70°	+60°~-75°	+60°~-75°	+60°~-75°
	JT3	+100°~-150°	+100°~-150°	+165°~-95°	+165°~-95°	+165°~-95°
	JT4	± 360°	± 360°	± 360°	± 360°	± 360°
	JT5	± 130°	± 130°	± 130°	± 130°	± 130°
	JT6	± 360°	± 360°	± 360°	± 360°	± 360°
	JT7	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm
Maximum speed	JT1	100°/s	100°/s	105°/s	105°/s	105°/s
	JT2	100°/s	100°/s	105°/s	105°/s	105°/s
	JT3	90°/s	90°/s	105°/s	105°/s	105°/s
	JT4	135°/s	135°/s	140°/s	140°/s	135°/s
	JT5	135°/s	135°/s	135°/s	135°/s	115°/s
	JT6	210°/s	210°/s	230°/s	230°/s	180°/s
	JT7	1,000 mm/s	1,000 mm/s	1,000 mm/s	1,000 mm/s	1,000 mm/s
Repeatability	± 0,3 mm					
Moment*	JT4	0N·m	911.4N·m	735N·m	735N·m	911.4N·m
	JT5	0N·m	911.4N·m	735N·m	735N·m	911.4N·m
	JT6	0N·m	450.8N·m	421N·m	421.4N·m	450.8N·m
Moment of inertia	JT4	78.4 kg/m ²	78.4 kg/m ²	51.9 kg/m ²	51.9 kg/m ²	78.4 kg/m ²
	JT5	78.4 kg/m ²	78.4 kg/m ²	51.9 kg/m ²	51.9 kg/m ²	93.1 kg/m ²
	JT6	40.18 kg/m ²	40.18 kg/m ²	27.4 kg/m ²	27.44 kg/m ²	46.1 kg/m ²
Weight	915 kg	900 kg	1,565 kg	1,550 kg	1,550 kg	1,550 kg
	1,500 mm/s	1,500 mm/s	2,500 mm/s	2,500 mm/s	2,500 mm/s	2,500 mm/s
Recommended Controller	D42					
Installation	Floor					
Integrated functions	Air Line (12 mm Ø)		Air lines (12 mm Ø x 2), wiring for the solenoid valves of the grab (A.C. 24V)			
Optional	Mechanical stopper JT1/JT2/JT3, special colour.		Mechanical stopper JT1/JT2/JT3, special colour, internal wiring for end effector, twin solenoid valve 1/2, single solenoid valve 1/2, twin solenoid valve 1 + single solenoid valve 1, 1 filter control unit, internal hoses for welding gun cooling water			
Colour	Munsell 10GY9/1 or equivalent					

Technical Data conditionally



ZB100L



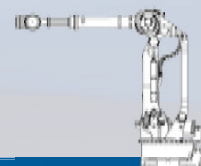
ZB150S



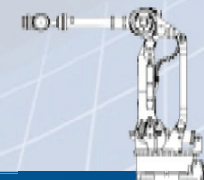
ZT130L



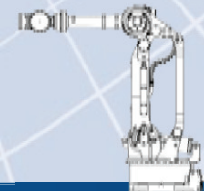
ZT130U
ZT165U
ZT200U



ZX130L



ZX130U
ZX165U
ZX200U



ZX300S

Specifications

ZX130L	ZX130U	ZX165L	ZX165U	ZX200U	ZX300S	TYP
Articulated arm						Type of arm
6 axes (optional 7 axes)						Degrees of freedom
2,951 mm	2,651 mm	2,810 mm	2,651 mm	2,651 mm	2,501 mm	Reach
130 kg	130 kg	165 kg	165 kg	200 kg	300 kg	Maximum Payload
Maximum stroke	JT1	± 180°	± 180°	± 180°	± 180°	± 180°
	JT2	+75°~-60°	+75°~-60°	+75°~-60°	+75°~-60°	+75°~-60°
	JT3	+250°~-120°	+250°~-120°	+250°~-120°	+250°~-120°	+250°~-120°
	JT4	± 360°	± 360°	± 360°	± 360°	± 360°
	JT5	± 130°	± 130°	± 130°	± 130°	± 120°
	JT6	± 360°	± 360°	± 360°	± 360°	± 360°
	JT7	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm	standard 2,000 mm
Maximum Speed	JT1	110°/s	110°/s	100°/s	110°/s	95°/s
	JT2	110°/s	110°/s	105°/s	110°/s	95°/s
	JT3	110°/s	110°/s	95°/s	110°/s	85°/s
	JT4	140°/s	140°/s	135°/s	135°/s	120°/s
	JT5	135°/s	135°/s	135°/s	135°/s	115°/s
	JT6	230°/s	230°/s	210°/s	210°/s	180°/s
	JT7	1,000 mm/s	1,000 mm/s	1,000 mm/s	1,000 mm/s	1,000 mm/s
± 0,3 mm						Repeatability
Moment*	JT4	7.35N·m	7.35N·m	911.4N·m	911.4N·m	980N·m
	JT5	7.35N·m	7.35N·m	911.4N·m	911.4N·m	980N·m
	JT6	221.4N·m	221.4N·m	450.8N·m	450.8N·m	490N·m
Moment of inertia	JT4	51.94 kg/m ²	51.94 kg/m ²	78.4 kg/m ²	78.4 kg/m ²	93.1 kg/m ²
	JT5	51.94 kg/m ²	51.94 kg/m ²	78.4 kg/m ²	78.4 kg/m ²	93.1 kg/m ²
	JT6	27.44 kg/m ²	27.44 kg/m ²	40.18 kg/m ²	40.18 kg/m ²	46.1 kg/m ²
Weight	1,400 kg	1,350 kg	1,355 kg	1,355 kg	1,350 kg	1,400 kg
	2,500 mm/s	2,500 mm/s	2,500 mm/s	2,500 mm/s	2,500 mm/s	2,500 mm/s
D42						Recommended Controller
Floor						Installation
Air lines (12 mm Ø x 2), wiring for the solenoid valves of the grab (A.C. 24V)						Integrated functions
Mechanical stopper JT1/JT2/JT3, special colour, internal wiring for end effector, twin solenoid valve 1/2, single solenoid valve 1/2, twin solenoid valve 1 + single solenoid valve 1, 1 filter control unit, internal hoses for welding gun cooling water						Optional
Munsell 10GY9/1 or equivalent						Colour