



FANUC ROBOTICS

ArcMate100iBe

ARC Mate 100iBe Specifications

Items		
Axes	6	
Payload (kg)	6	
Reach (mm)	1373	
Repeatability (mm)	±0.08	
Interference radius (mm)	273	
Motion range (degrees)	J1	340
	J2	250
	J3	340
	J4	380
	J5	280
	J6	720
Motion speed (degrees/s)	J1	150
	J2	160
	J3	170
	J4	400
	J5	400
	J6	520
Wrist moment (kgf-cm)	J4	160
	J5	100
	J6	60
Wrist inertia (kgf-cm-s ²)	J4	6.4
	J5	2.2
	J6	0.61
Mechanical brakes	All axes	
Mechanical weight (kg)	138	
Mounting method ⁽¹⁾	Upright, inverted, wall and angle mount	
Installation environment:		
Temperature °C	0 to 45	
Humidity	Normally: 75% or less Short term (within a month): 95% or less No condensation	
Vibration (m/s ²)	4.9 or less	
Payload at axis 3 (kg)	12	



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