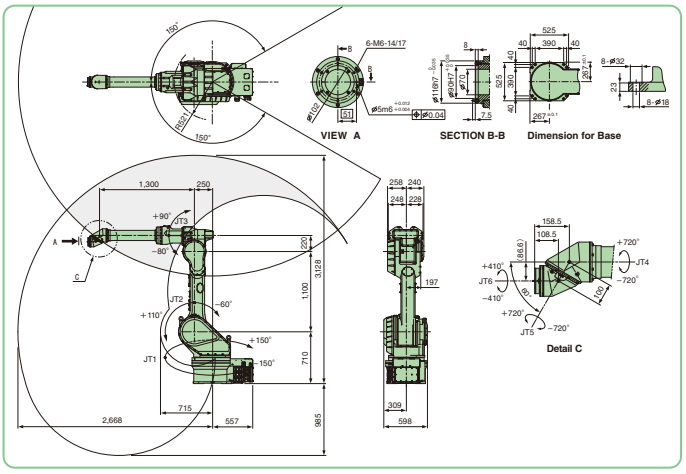
Kawasaki
Kawasaki Robotics (USA), Inc.

KG264

Product Specification

Standard Applications:

- Painting



Arm Type	Articulated		
Degrees of Freedom	6		
Axes Work Envelope and Maximum Speed	**Axis**	**Work Envelope**	
	Arm Rotation (JT1)	± 120°	
	Arm Out-In (JT2)	+120° ~ -60°	
	Arm Down-Up (JT3)	+90° ~ -65°	
	Wrist Swivel (JT4)	± 720°	
	Wrist Bend (JT5)	± 720°	
	Wrist Twist (JT6)	± 410°	
Repeatability	±0.5 mm		
Payload	20 kg (wrist) 30kg (arm)		
Maximum Speed	1.5m/s		
Wrist Load Capacity	(kgf * m * s^2) (kg * mm^2) (Note)		
		Torque	Moment of Inertia
	JT4	79.9 N*m	3.33 kg*m^2
	JT5	61.3 N*m	1.95 kg*m^2
	JT6	15.6 N*m	0.12 kg*m^2
	* Note: each value in this table shows allowable moment of inertia of JT4/JT5/JT6 when maximum allowed torque is applied to each axis. If more detailed data is required for your application, please contact Kawasaki.		
Driving Motor	Brushless AC Servomotor		
Mass	795 kg (excluding options)		
Color	Kawasaki Standard		
Installation	Floor Mount		
Ambient Temperature Relative Humidity	0 ~ 45° C 35 ~ 85% no dew nor frost allowed		
Explosion Proof	Pressurized and Intrinsically Safe		
Air Supply to the Manipulator	Input quantity, pressure: 0.5 Nm^3 /min. 0.4–0.7 MPa Clean and dry air: Solid Material: 0.01 µm or less Oil content: Mist separation 99.9999% or more Dew Point: -17° C or less at atmospheric pressure		
Options	Manipulator Cover		
	Adjustable Mechanical Stopper: JT1/JT2/JT3		
	Jig-set for Zeroing		
Consult us about Maintenance Parts and Spare Parts.			

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