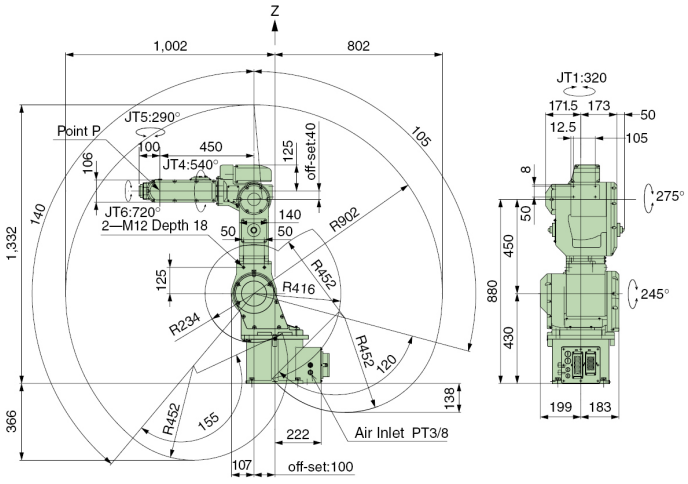
FS10C

Product Specification

Standard Applications:

- Dispensing
- Sealing
- Material Handling
- Machine Tending
- Material Removal
- Assembly
- Inspection



Arm Type	Articulated		
Degrees of Freedom	6 (Optionally 7)		
Axes Work Envelope and Maximum Speed	**Axis**	**Work Envelope**	**Maximum Speed**
	Arm Rotation (JT1)	± 160°	200° /s
	Arm Out-In (JT2)	+140° ~ -105°	140° /s
	Arm Up-Down (JT3)	+120° ~ -155°	200° /s
	Wrist Swivel (JT4)	± 270°	360° /s
	Wrist Bend (JT5)	± 145°	360° /s
	Wrist Twist (JT6)	± 360°	600° /s
	Arm Traverse (JT7)	Standard 2000 mm	1200 mm/s
Position Repeatability	±0.05 mm (at center of tool mounting surface)		
Payload	10 kg		
Maximum Linear Speed	6200 mm/s (Maximum Linear Interpolation Speed: 900 mm/s)		
Wrist Load Capacity	(kgf * cm * s^2) (kg * m^2) (NOTE) Moment of Inertia JT4,5 Calculate precisely when wrist load is near the boundary zone on the left diagram because the scale is not accurate. JT6 Moment (N * m) (kgf * m)		
Driving Motor	Brushless AC Servomotor		
Mass	165 kg (excluding options)		
Color	Kawasaki Standard		
Installation	Floor and ceiling mount		
Ambient Temperature Relative Humidity	0 – 45° C for manipulator 35 – 85% non-condensing		
Pneumatic Piping	Built-in Pneumatic Piping		
Power/Signal Cable Length	7 m		
Built-in Circuit	Built-in Sensor Harness; 4 circuits, 24 VDC, GND		
IP Rating	Wrist–IP67; Arm–IP65		
Options	Power/Signal Cable Length: 10 m, 15 m		
	Installation	Wall Mount	
	Protection	Dust Proof	
	Built-in Valve	1D/2D/1S/2S/1S1D	
	Mechanical Stopper	JT1,2,3 adustable (22.5 deg)	
Consult us about Maintenance Parts and Spare Parts.			