



OTC DAIHEN EUROPE

**Roboter – Technische Daten
Manipulator Specifications**

FD-H5

Model		FD-H5(H)	
Kinematic		Vertical artic. type	
No. of Axes		6	
P-Point (Working Range)		R 866 mm	
Maximum Payload Capacity		5 kg	
Positional Repeatability(*1)		± 0.05 mm	
Driving Method		AC Servo Motor	
Working Range	Arm	J1 (Rotation)	± 170°
		J2 (Vertical)	-125° ~ +90°
		J7	
	Wrist	J3* (Rotation)	-140° ~ +245°
		J4 (Rotation)	± 190°
		J5 (Bending)	-30° ~ +210°
Maximum Speed	Arm	J6 (Rotation)	± 360°
		J1 (Rotation)	200°/s
		J2 (Vertical)	200°/s
	Wrist	J7	
		J3* (Rotation)	260°/s
		J4 (Rotation)	380°/s
Maximum Payload	Allowable Moment	J5 (Bending)	380°/s
		J6 (Rotation)	510°/s
		J1 (Rotation)	11.9 Nm
		J2 (Vertical)	11.9 Nm
		J3* (Rotation)	5.2 Nm
		J4 (Rotation)	0.30 kg/m ²
J5 (Bending)	0.30 kg/m ²		
J6 (Rotation)	0.05 kg/m ²		
Ambient Temp./Humidity		0 ~ 45°, 20 ~ 80%	
Mass (weight)		59 kg	
Upper arm max. Carrying capacity(*2)		1 kg	
Origin Return		Note 3	
Installation Position		F, W, C	



J3* (Rotation): A combined rotation of the axes J2 and J3
 Note 1: Measured value obtained after sufficient repetition of automatic operation for stabilizing conditions.

Note 2: When the output flange of the wrist axis is loaded with maximum payload capacity.

Note 3: Positional data protected by battery-backed storage inside the manipulator.

F = Floor W = Wall C = Ceiling

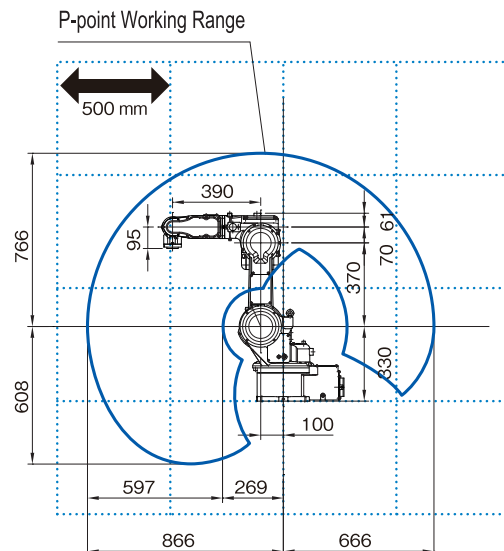
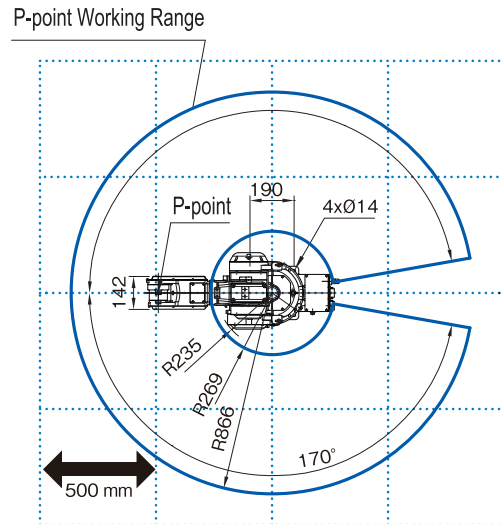


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