

HA006B

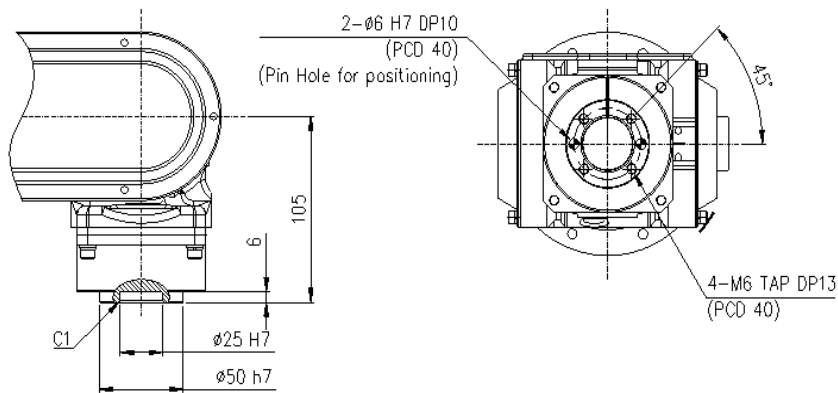
Payload 6Kgf

Installation method	
Floor	●
Ceiling	●
Wall surface	
Angle	●

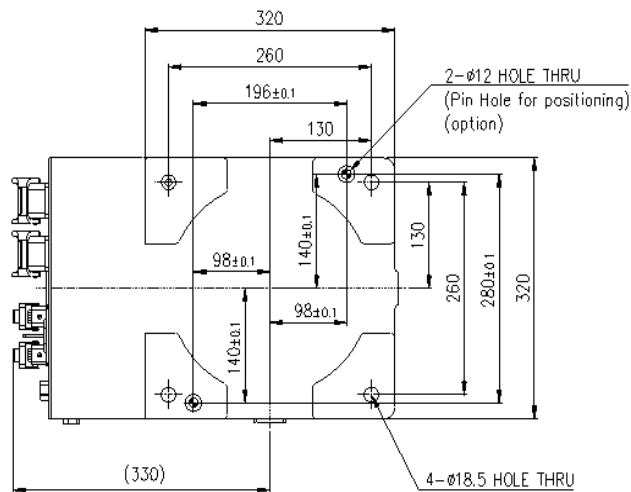
Application	
Spot welding	
Arc welding	●
Handling	●
Assembly	●
Sealing	
Painting	

Item				Specification
Robot model				HA006B
Payload				6 Kg
Structure				Articulated
Degree of freedom				6 axes
Drive system				AC SERVO MOTOR
Max. working envelope	A r m	S	Swivel	±3.00 rad (±172°)
		H	Horizontal	+3.14 ~ -1.36 rad (+180° ~ -78°)
		V	Vertical	+3.14 ~ -1.43 rad (+180° ~ -82°)
	Wrist	R2	Rotation 2	±3.14 rad (±180°)
		B	Bending	±2.356 rad (±135°)
		R1	Rotation 1	±6.283 rad (±360°)
Max. working speed	A r m	S	Swivel	4.01 rad / s (230° / s)
		H	Horizontal	4.01 rad / s (230° / s)
		V	Vertical	4.01 rad / s (230° / s)
	Wrist	R2	Rotation 2	7.50 rad / s (430° / s)
		B	Bending	7.50 rad / s (430° / s)
		R1	Rotation 1	11.17 rad / s (640° / s)
Wrist torque		R2	Rotation 2	11.8 Nm (1.2 Kgfm)
		B	Bending	9.8 Nm (1.0 Kgfm)
		R1	Rotation 1	5.9 Nm (0.6 Kgfm)
Accuracy of position repeatability				±0.03 mm
Ambient Temperature				0 ~ 45 °C (273 ~ 318 K)
Robot's Weight				145 Kg
Working envelope section area				3.16 m²

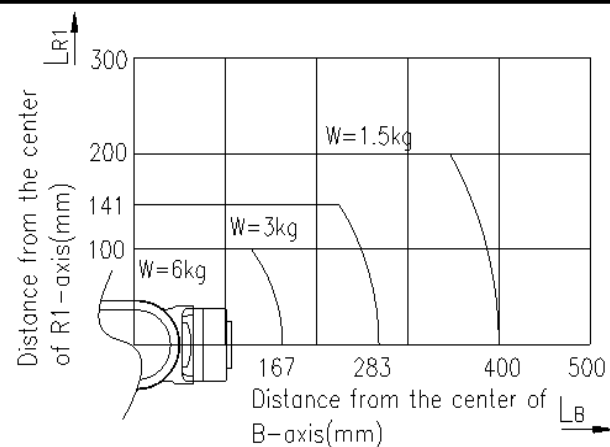
View A: Detailed drawing of the wrist attachment part



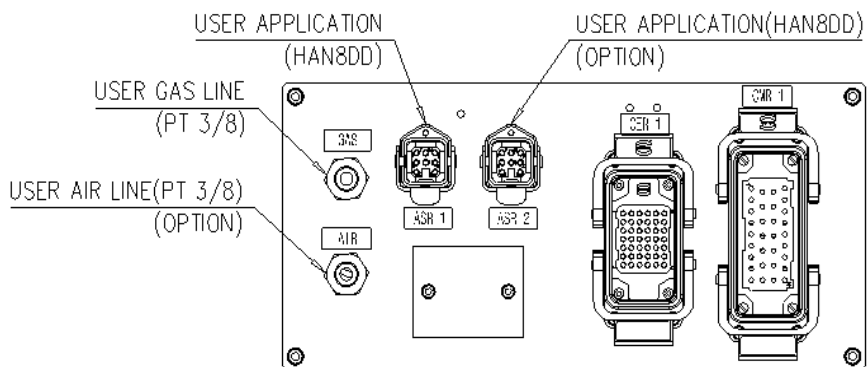
View B: Dimensional drawing for the floor installation of the body



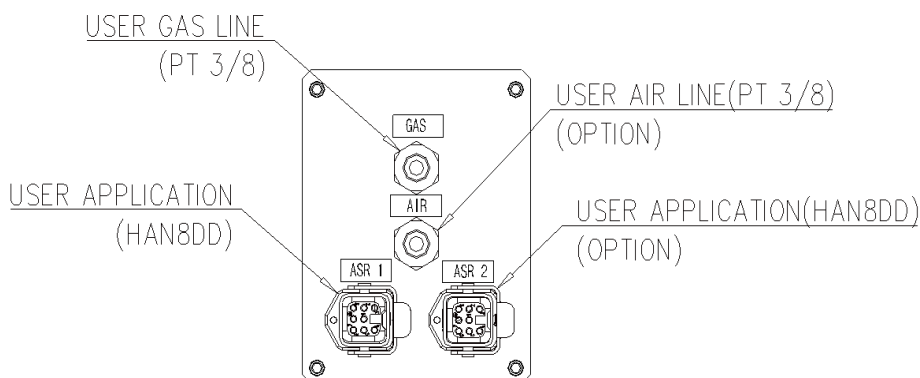
Wrist-axis torque line diagram



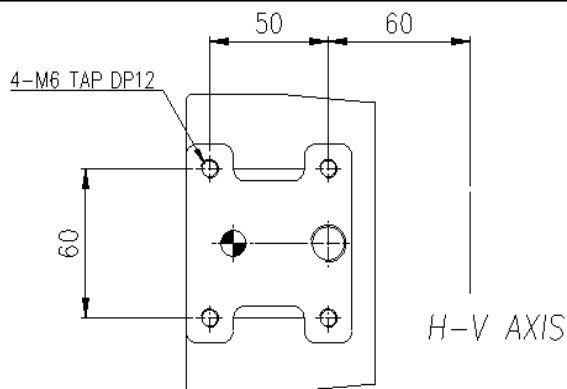
View C: Application cable connection part



View D: Application cable connection part



View E: Details of the application ancillary part attachment



** For product improvement, some of the ratings, specifications, dimensions, etc. are subject to changes without notice.