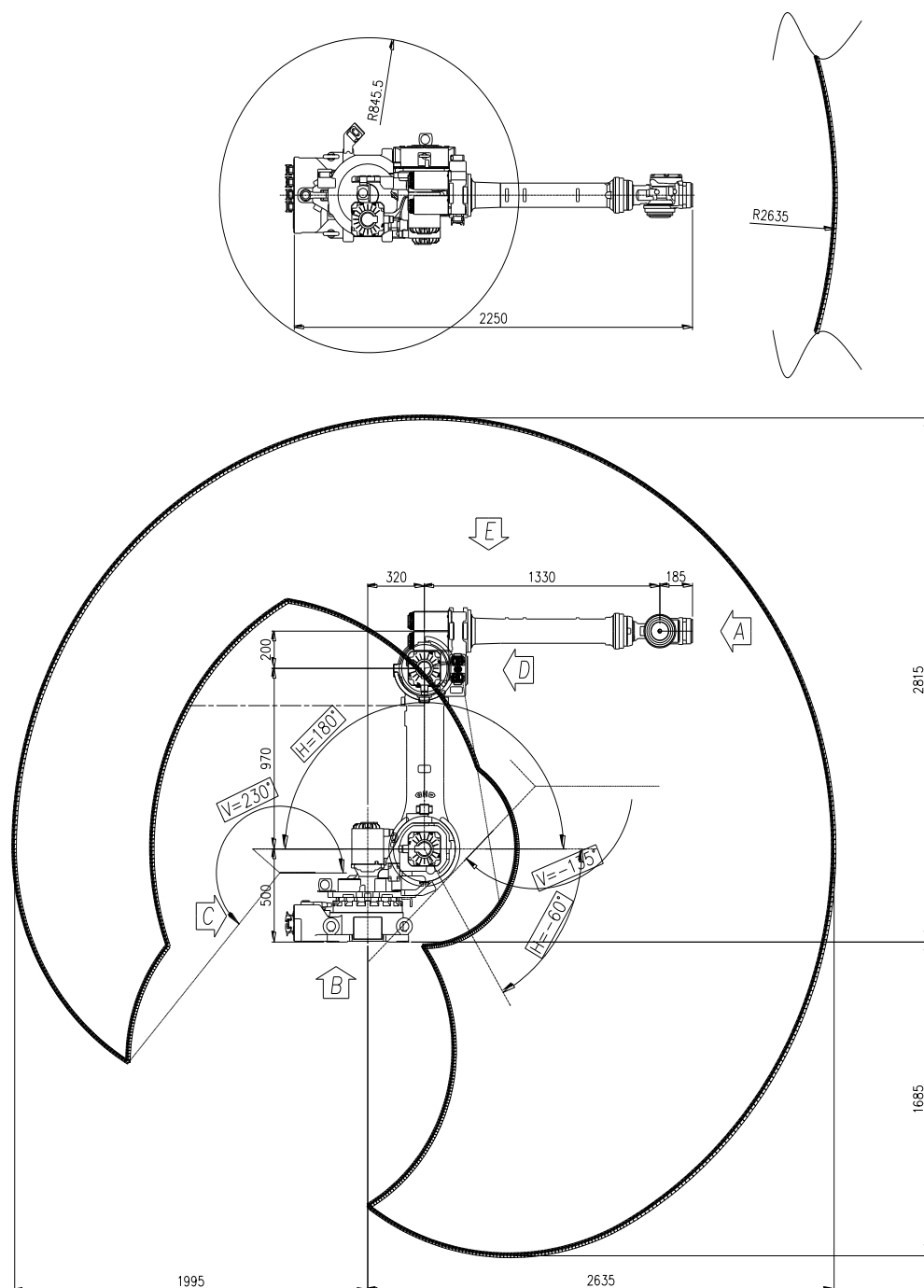


YS080L

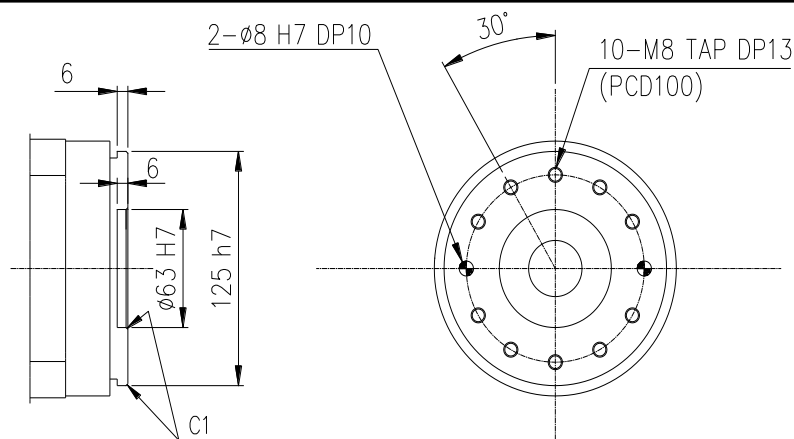
Payload 80Kgf

Installation method		Application	
Floor	●	Spot welding	
Ceiling	●	Arc welding	●
Wall surface		Handling	●
Angle	●	Assembly	
		Sealing	●
		Painting	

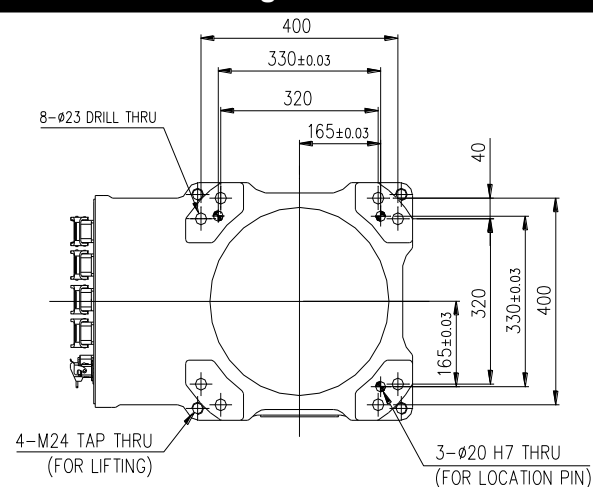
Item				Specification	
Robot model				YS080L	
Payload				80 Kg	
Structure				Articulated	
Degree of freedom				6 axes	
Max. working envelope	A r m	S	Swivel	±3.141 rad (±180°)	
		H	whaTkaustj	+3.141 ~ -1.047rad(+180° ~ -60°)	
		V	Vertical	+3.141 ~ -1.396rad(+180° ~ -80°)	
	Wrist	R2	Rotation 2	±6.283 rad (±360°)	
		B	Bending	±2.182 rad (±125°)	
		R1	Rotation 1	±6.283 rad (±360°)	
Max. working speed	A r m	S	Swivel	2.443 rad / s (140° / s)	
		H	Horizontal	1.919 rad / s (110° / s)	
		V	Vertical	2.094 rad / s (120° / s)	
	Wrist	R2	Rotation 2	4.014 rad / s (230° / s)	
		B	Bending	4.014 rad / s (230° / s)	
		R1	Rotation 1	6.109 rad / s (350° / s)	
Wrist torque		R2	Rotation 2	400 Nm (40.8 Kgfm)	
		B	Bending	400 Nm (40.8 Kgfm)	
		R1	Rotation 1	200 Nm (20.4 Kgfm)	
Accuracy of position repeatability				±0.06 mm	
Ambient Temperature				0 ~ 45 °C (273 ~ 318 K)	
Robot's Weight				684 kg	



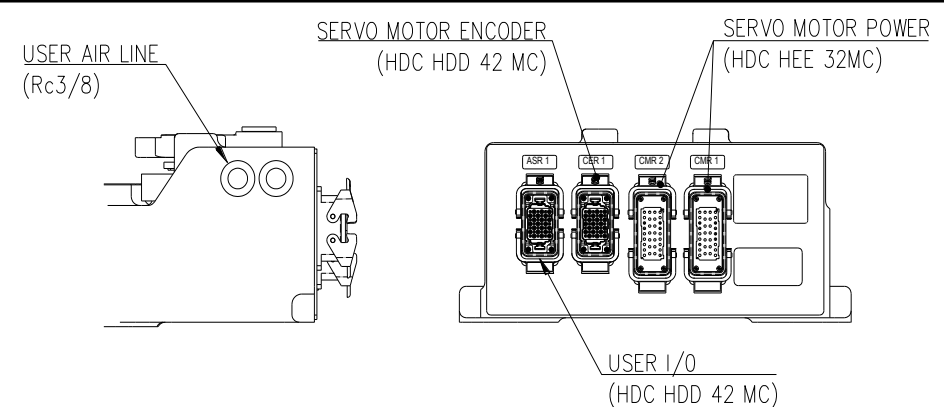
View A: Detailed drawing of the wrist attachment part



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

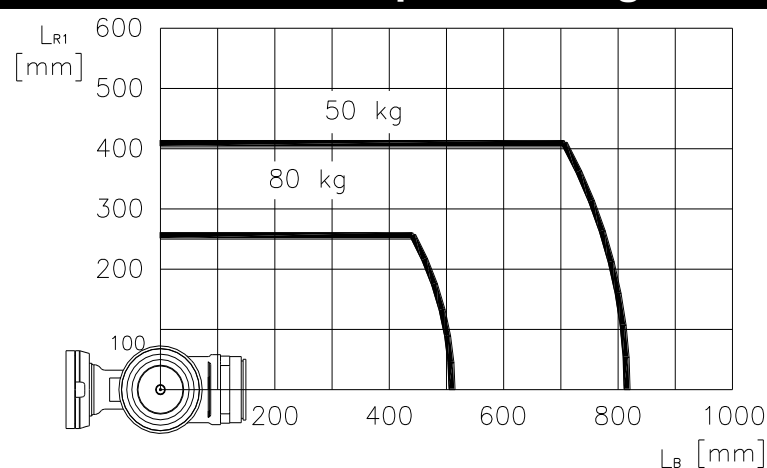


View C: Application cable connection part

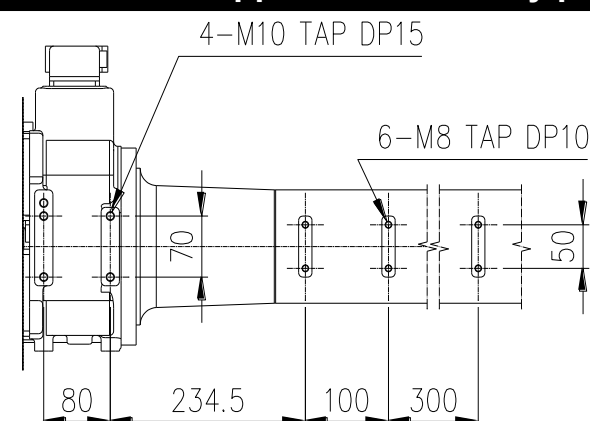


View D: Application cable connection part

Wrist-axis torque line diagram



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.