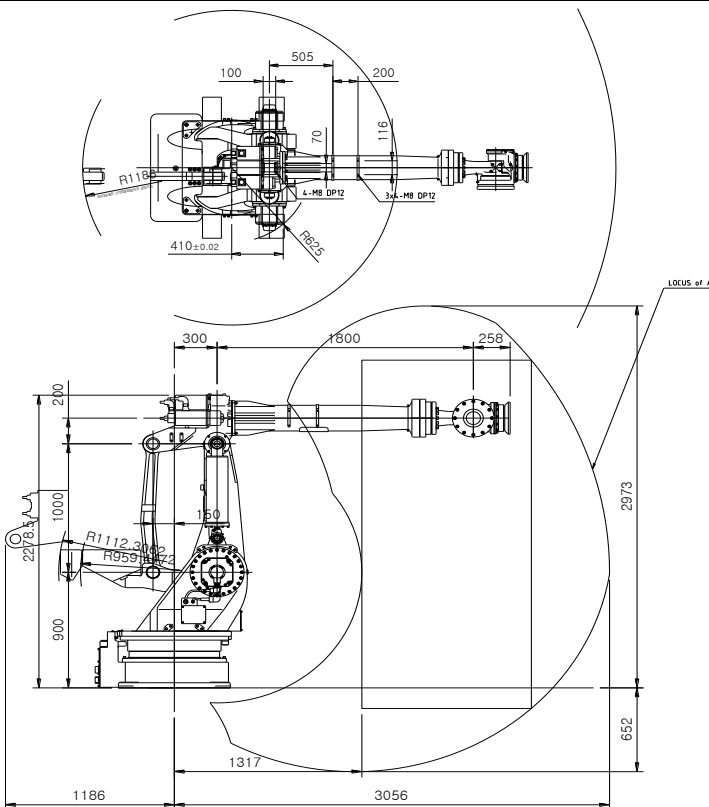


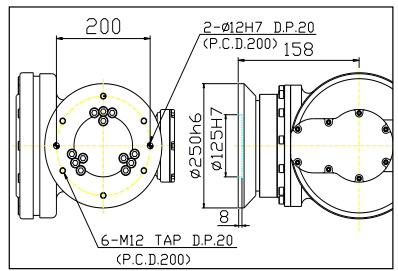
# HX300L

Payload 300Kg

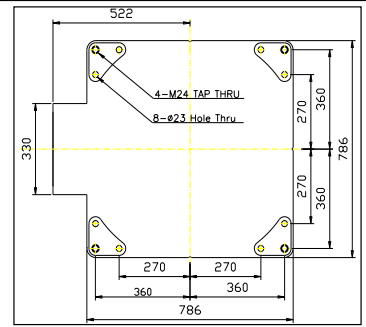
Installation method		Application	
Floor	●	Spot welding	●
Ceiling		Arc welding	●
Wall surface		Handling	●
		Assembly	●
		Sealing	●
		Painting	●



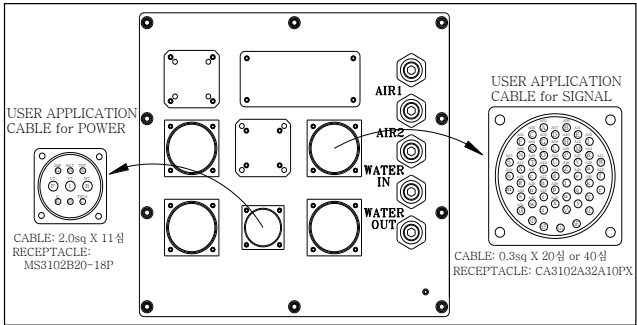
**View A: Detailed drawing of the wrist attachment part**



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

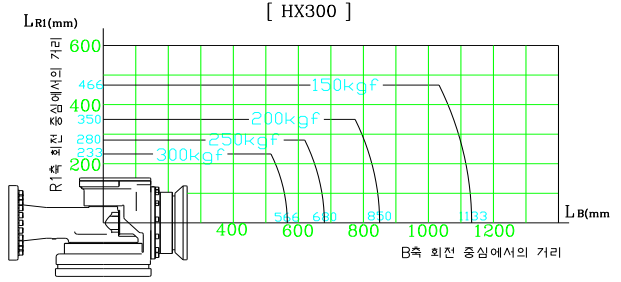


**View C: Application cable connection part**

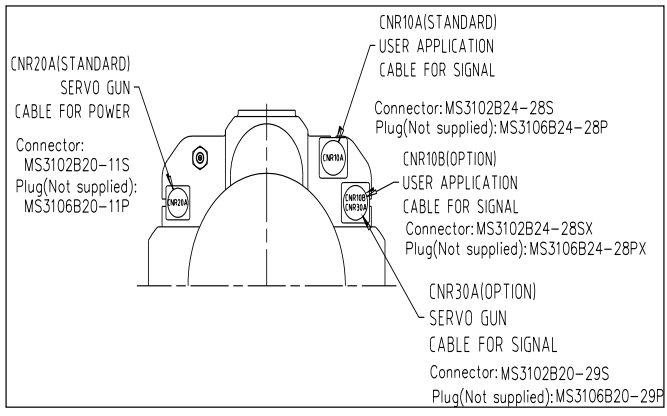


**View D: Application cable connection part**

## Wrist-axis torque line diagram



Item		Specification	
Robot model		HX300L	
Payload		300Kg	
Structure		Articulated	
Degree of freedom		6 axes	
Drive system		AC SERVO MOTOR	
Max. working envelope	Arm	S Swivel	±3.142 rad (±180°)
		H Horizontal	+2.88 ~ +0.26 rad (+165° ~ +15°)
		V Vertical	+1.04 ~ -1.22 rad (+60° ~ -70°)
	Wrist	R2 Rotation 2	±6.283 rad (±360°)
		B Bending	±2.09 rad (±120°)
Max. working speed	Arm	S Swivel	1.658 rad/s (95°/s)
		H Horizontal	1.658 rad/s (95°/s)
		V Vertical	1.658 rad/s (95°/s)
	Wrist	R2 Rotation 2	1.745 rad/s (100°/s)
		B Bending	1.745 rad/s (100°/s)
Wrist torque	R2 Rotation 2	1,668 N·m (170 kgf·m)	
	B Bending	1,668 N·m (170 kgf·m)	
	R1 Rotation 1	687 N·m (70 kgf·m)	
Accuracy of position repeatability		±0.08mm	
Ambient Temperature		0 ~ 45°C (273 ~ 318K)	
Robot's Weight		2685Kg	
Working envelope section area		6.15m <sup>2</sup>	



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