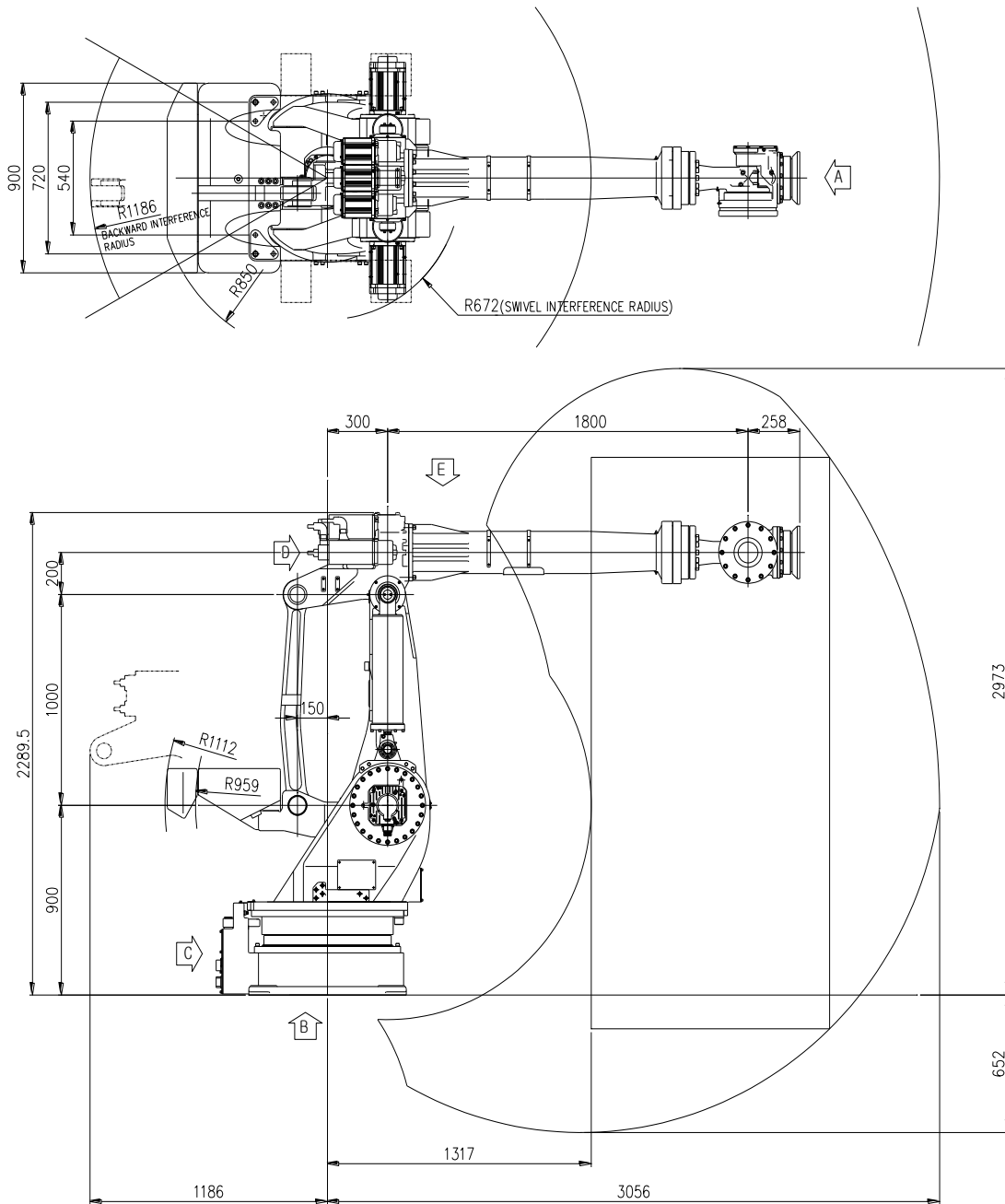


HDX300L-30

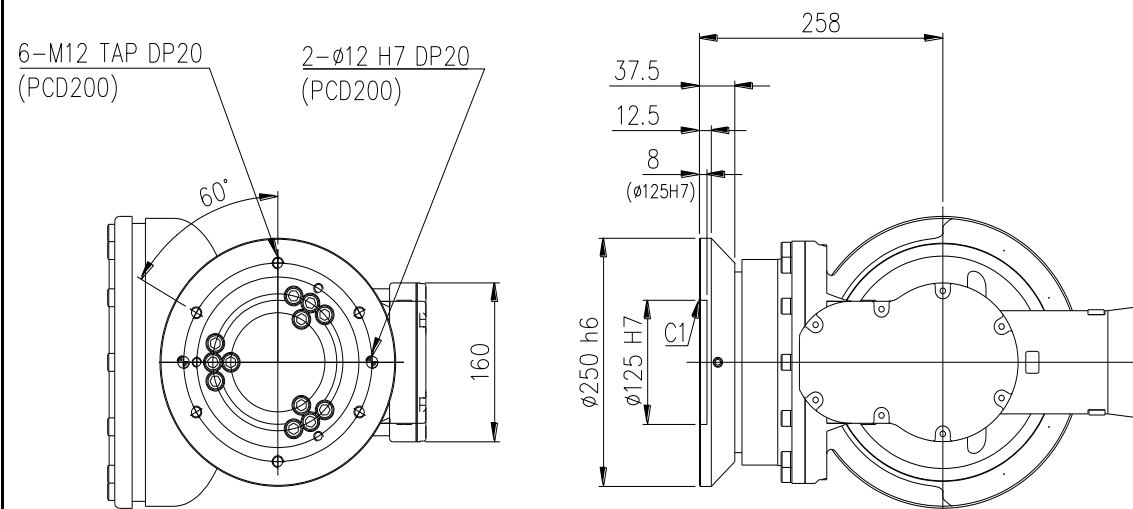
PAYLOAD 300Kgf

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

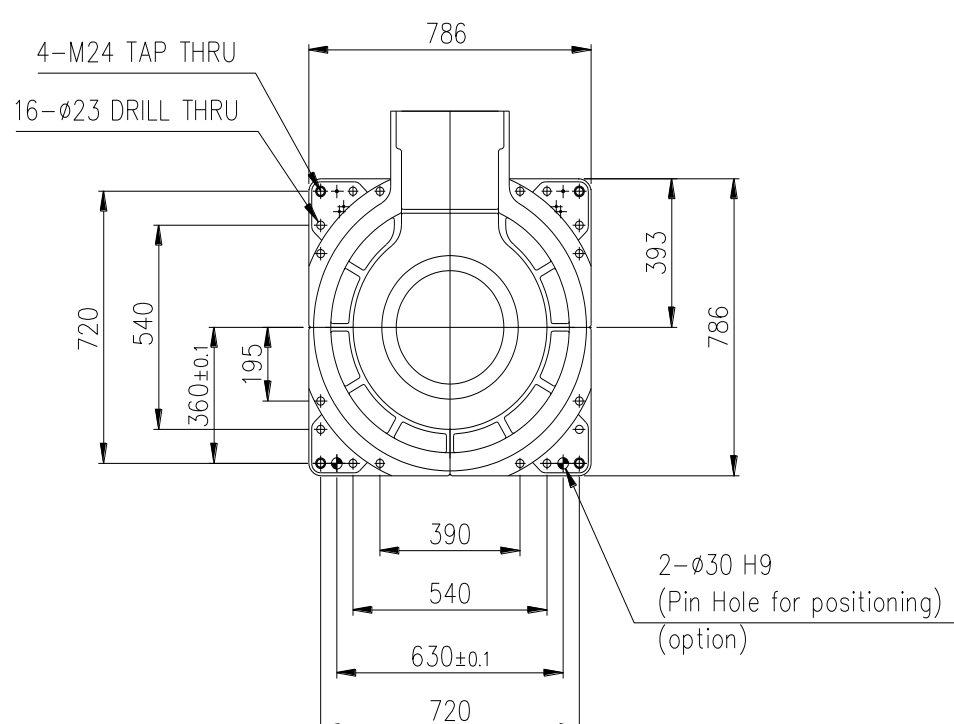


Item		Specification
Robot model		HDX300L-30
Payload		300 Kg
Structure		Articulated
Degree of freedom		6 axes
Drive system		AC SERVO MOTOR
Max. working envelope	A r m	S Swivel $\pm 3.14 \text{ rad } (\pm 180^\circ)$
		H Horizontal $+2.87 \sim +0.26 \text{ rad } (+165^\circ \sim +15^\circ)$
		V Vertical $+1.04 \sim -1.22 \text{ rad } (+60^\circ \sim -70^\circ)$
	Wrist	R2 Rotation 2 $\pm 6.28 \text{ rad } (\pm 360^\circ)$
		B Bending $\pm 2.09 \text{ rad } (\pm 120^\circ)$
Max. working speed	A r m	S Swivel 1.65 rad/s (95° /s)
		H Horizontal 1.65 rad/s (95° /s)
		V Vertical 1.65 rad/s (95° /s)
	Wrist	R2 Rotation 2 1.74 rad/s (100° /s)
		B Bending 1.74 rad/s (100° /s)
Wrist torque	R1	Rotation 1 2.79 rad/s (160° /s)
	R2	Rotation 2 1.688 N·m (170 kgf·m)
	B	Bending 1.688 N·m (170 kgf·m)
Accuracy of position repeatability		$\pm 0.03 \text{ mm (ISO9283)}$
Ambient Temperature		0 ~ 45 ° C (273 ~ 318 K)
Robot's Weight		2,740kg

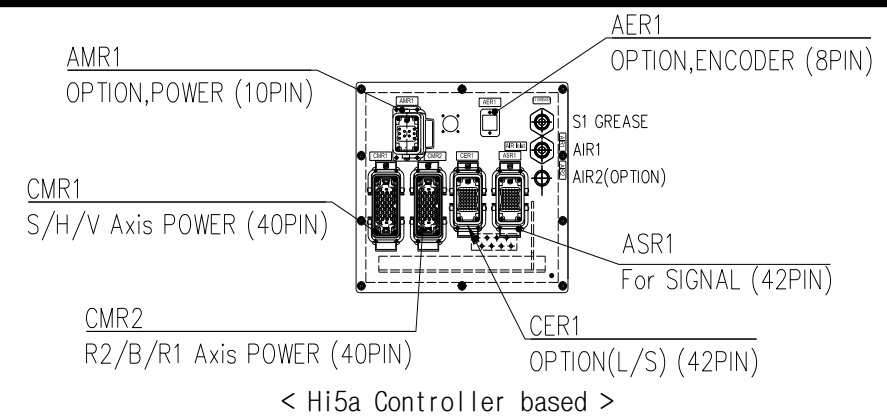
View A: Detailed drawing of the wrist attachment part



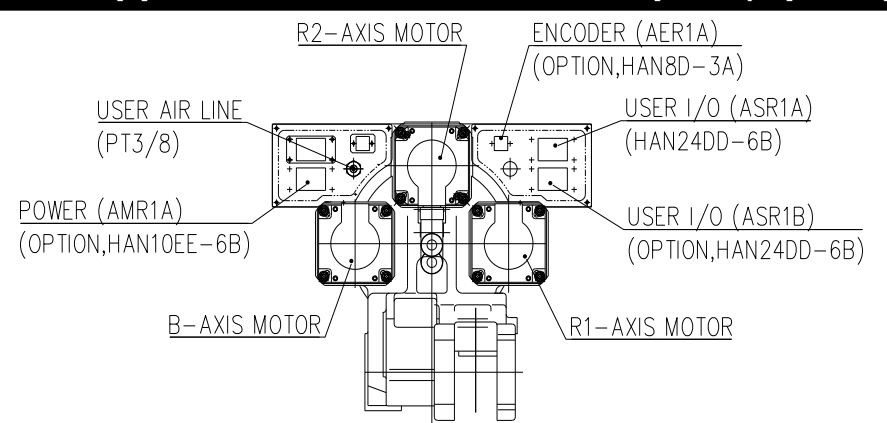
View B: Dimensional drawing for the floor installation of the body



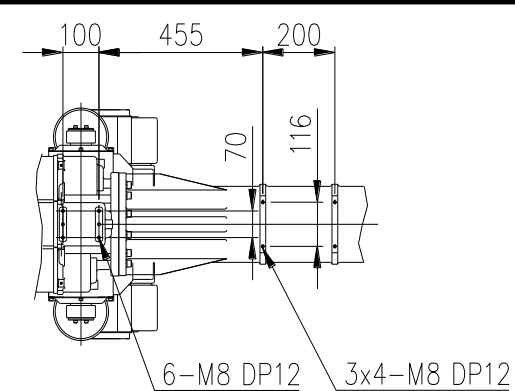
View C: Application cable connection part (Option)



View D: Application cable connection part (Option)



View E: Details of the application ancillary part attachment



** For product improvement, specifications (ex. Rating, dimensions, etc) may be changed without notice.
** Liability due to specification errors is not covered by HRC.