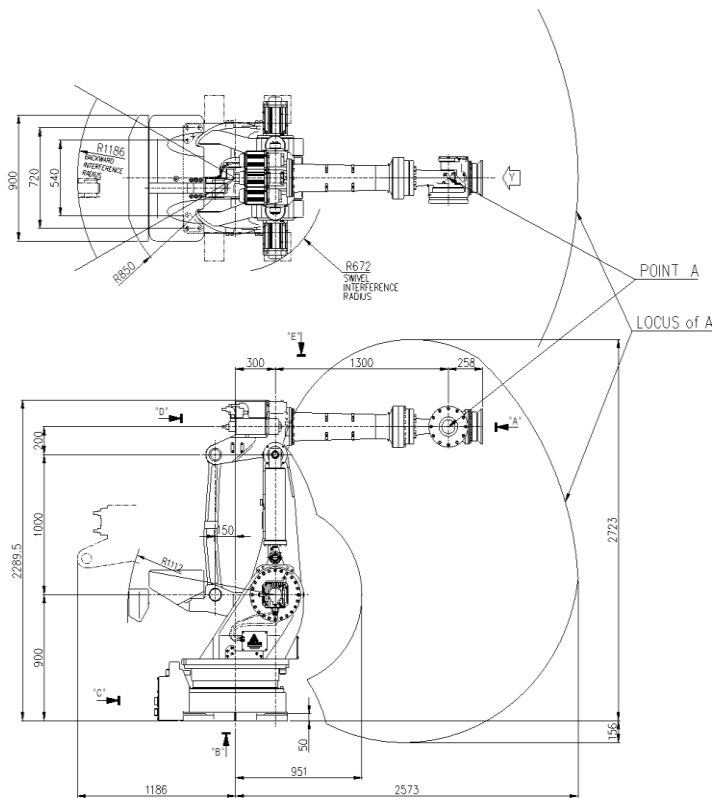


HX400

Payload 400Kgf

Installation method	
Floor	●
Ceiling	
Wall surface	

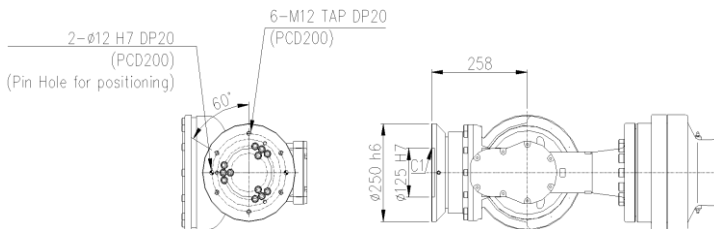
Application	
Spot welding	●
Arc welding	
Handling	●
Assembly	
Sealing	●
Painting	



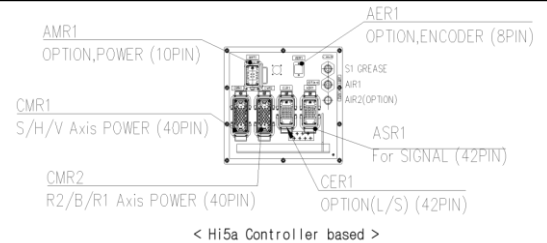
View A: Detailed drawing of the wrist attachment part

Item		Specification
Robot model		HX400
Payload		400Kg
Structure		Articulated
Degree of freedom		6 axes
Drive system		AC SERVO MOTOR
Max. working envelope	A r m	S $\pm 3.142 \text{ rad } (\pm 180^\circ)$
		H $+2.879 \sim +0.261\text{rad } (+165^\circ \sim +15^\circ)$
		V $+1.047 \sim -1.221\text{rad } (+60^\circ \sim -70^\circ)$
	Wrist	R2 $\pm 6.283 \text{ rad } (\pm 360^\circ)$
		B $\pm 2.094 \text{ rad } (\pm 120^\circ)$
		R1 $\pm 6.283 \text{ rad } (\pm 360^\circ)$
Max. working speed	A r m	S $1.658 \text{ rad / s } (95^\circ / \text{s})$
		H $1.658 \text{ rad / s } (95^\circ / \text{s})$
		V $1.658 \text{ rad / s } (95^\circ / \text{s})$
	Wrist	R2 $1.745 \text{ rad / s } (100^\circ / \text{s})$
		B $1.745 \text{ rad / s } (100^\circ / \text{s})$
		R1 $2.793 \text{ rad / s } (160^\circ / \text{s})$
Wrist torque		R2 $1960 \text{ N}\cdot\text{m } (200\text{Kg}\cdot\text{m})$
		B $1960 \text{ N}\cdot\text{m } (200\text{Kg}\cdot\text{m})$
		R1 $823 \text{ N}\cdot\text{m } (84\text{Kg}\cdot\text{m})$
Accuracy of position repeatability		$\pm 0.08 \text{ mm}$
Ambient Temperature		$0 \sim 45^\circ\text{C } (273 \sim 318 \text{ K})$
Robot's Weight		2,620 Kg
Working envelope section area		4.519 m^2

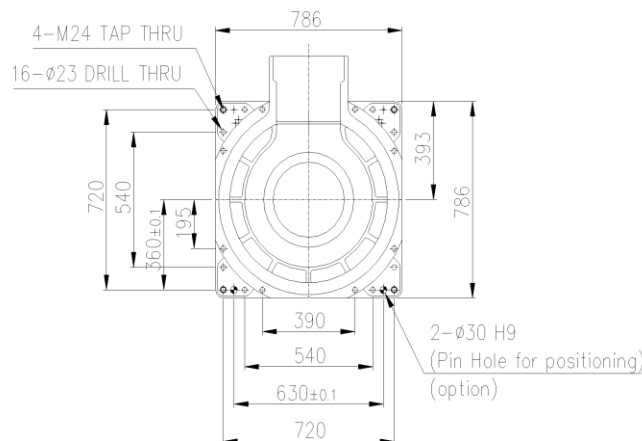
View C: Application cable connection part



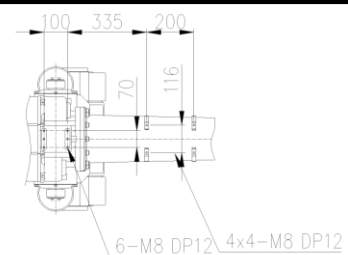
View B: Dimensional drawing for the floor installation of the body



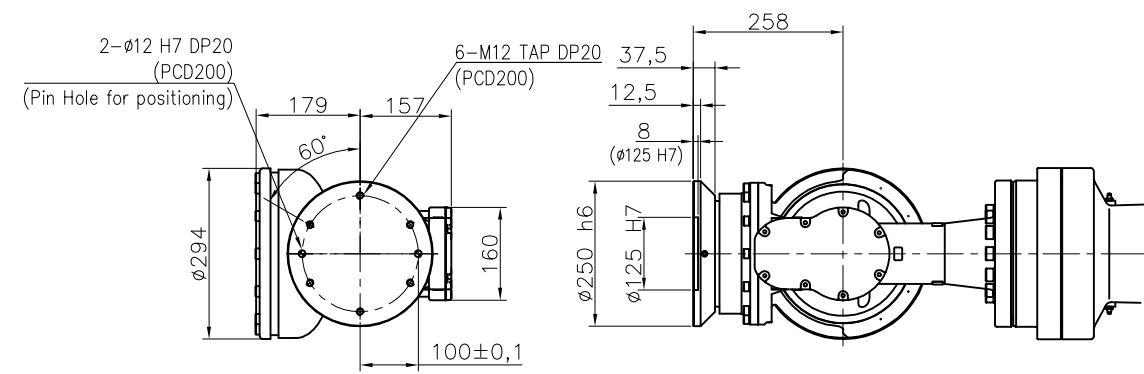
View D: Application cable connection part



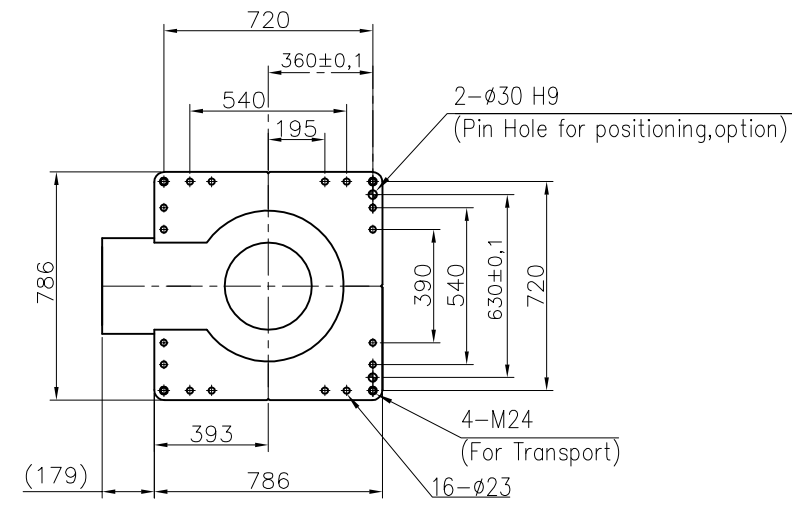
View E: Details of the application ancillary part attachment



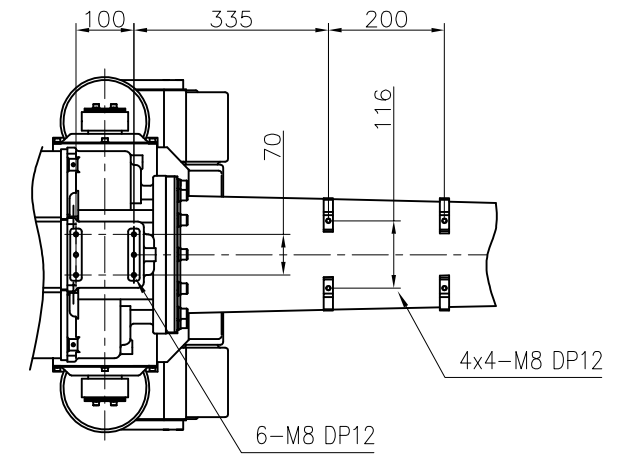
** For product improvement, some of the ratings, specifications, dimensions, etc. are subject to changes without notice.



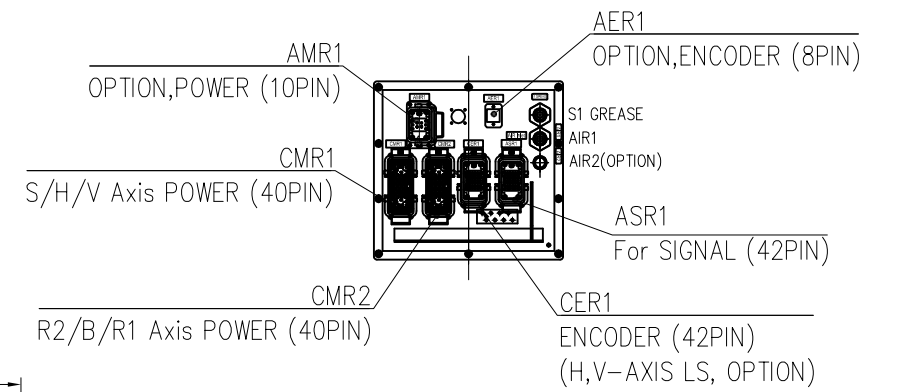
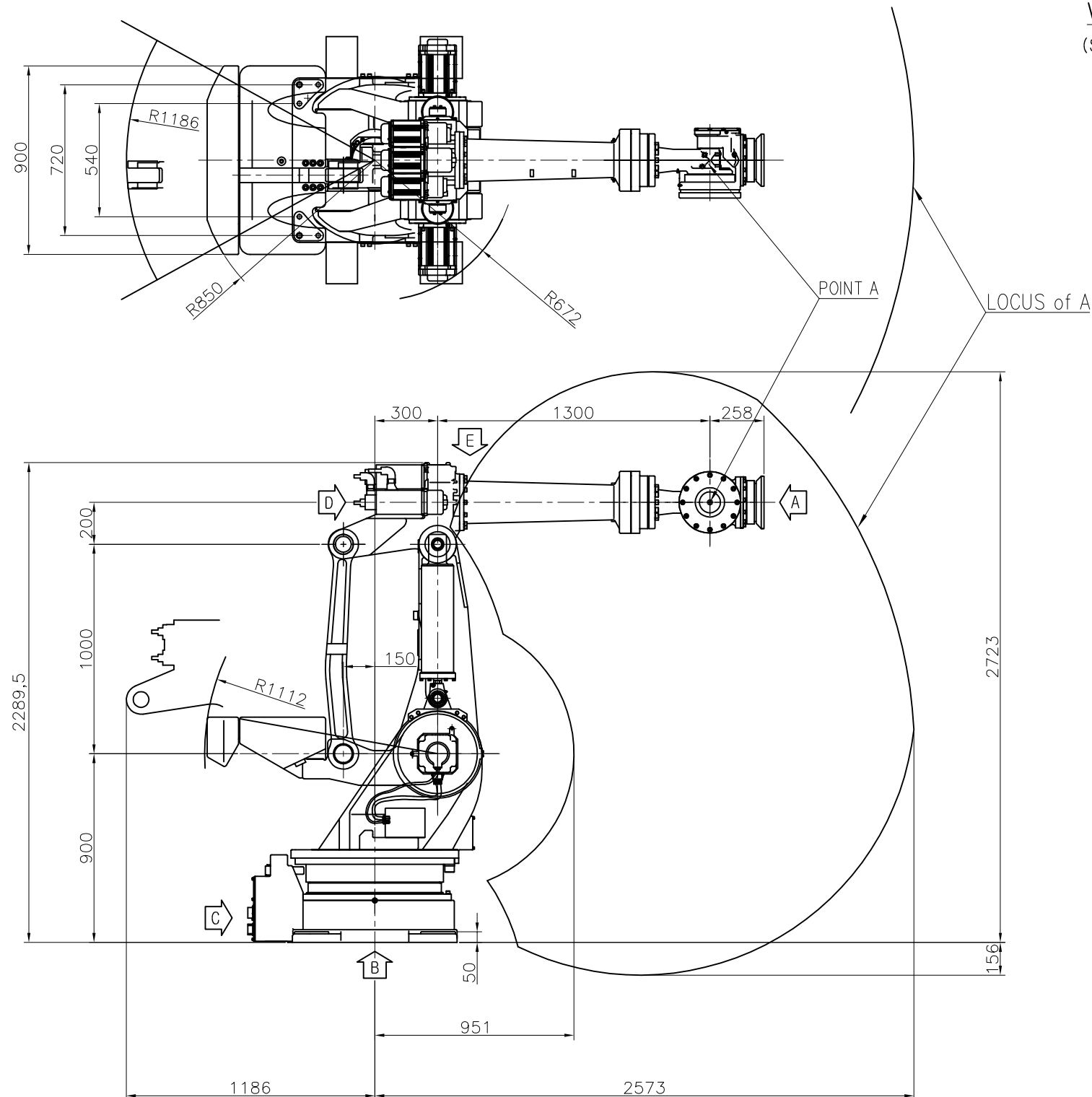
VIEW "A"
(SCALE : 2/1)



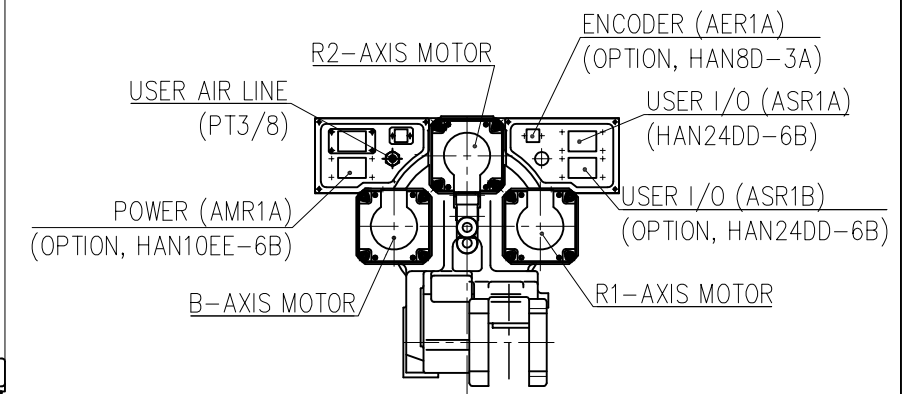
VIEW "B"
(SCALE : 1/1)



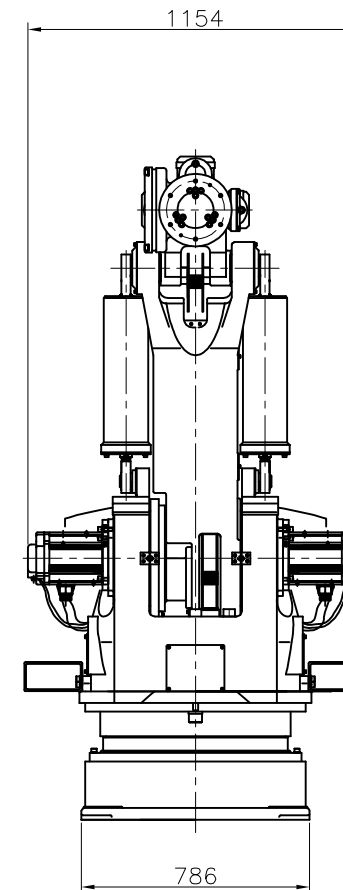
VIEW "E"
(SCALE : 2/1)



VIEW "C" <For Hi5a Controller>
(SCALE : 2/1)



VIEW "D"
(SCALE : 2/1)



TECHNICAL SPECIFICATION SUBJECT TO
CHANGE WITHOUT NOTICE

MODEL	HX400	issue.0
DATE	2018.06.19	
 HYUNDAI ROBOTICS		