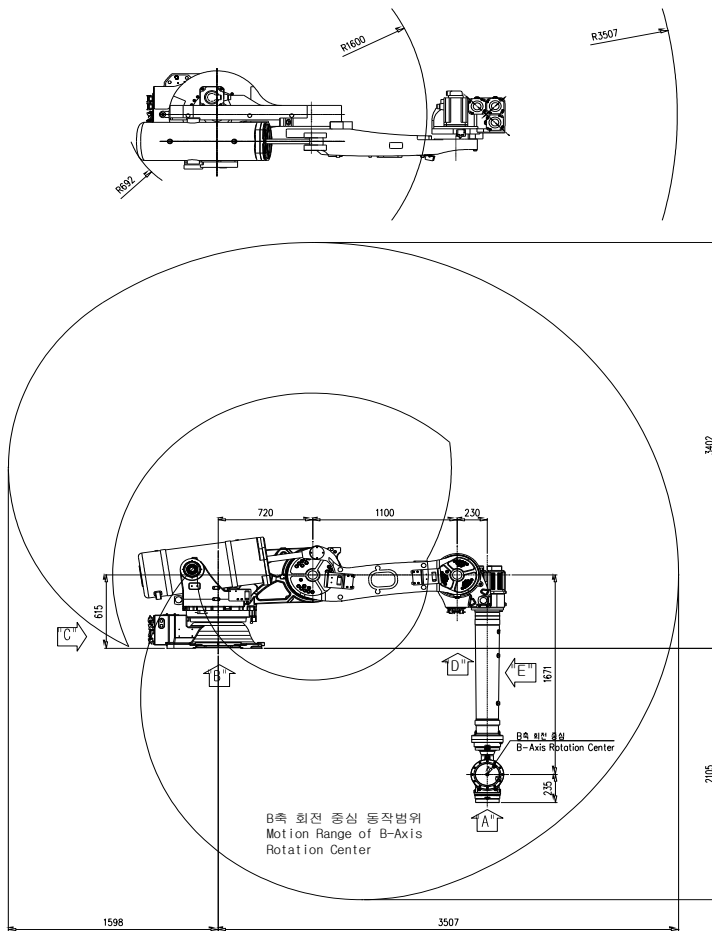


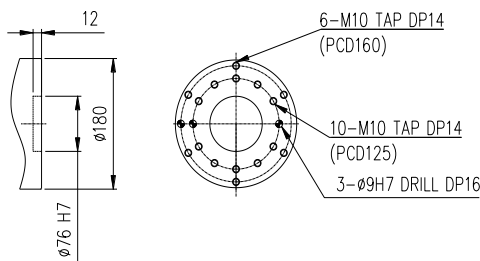
HH100SL

Payload 100Kg

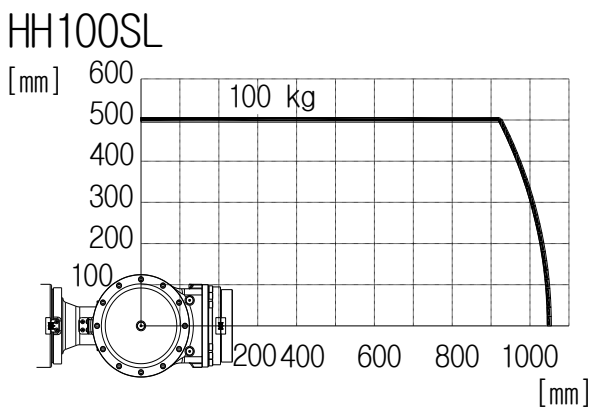
Installation method		Application	
Floor	●	Spot welding	●
Ceiling		Arc welding	
Wall surface		Handling	●
Shelf	●	Assembly	
		Sealing	●
		Painting	



View A: Detailed drawing of the wrist attachment part



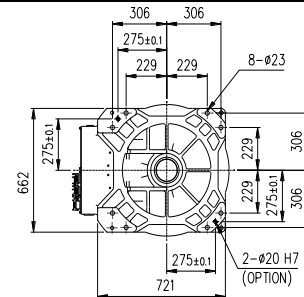
Wrist-axis torque line diagram



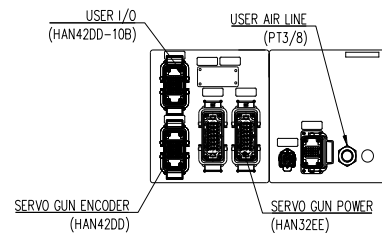
** For product improvement, some of the ratings, specifications, dimensions, etc. are subject to changes without notice.

Item				Specification	
Robot model				HH100SL	
Payload				100 Kg	
Structure				Articulated	
Degree of freedom				6 axes	
Max. working envelope	Arm	S	Swivel	±3.142 rad (±180°)	
		H	Horizontal	+2.181 ~ -1.221 rad (+ 125° ~ - 70°)	
		V	Vertical	+3.316 ~ -1.396 rad (+190° ~ -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	Arm	S	Swivel	1.658 rad / s (105° / s)	
		H	Horizontal	1.483 rad / s (85° / s)	
		V	Vertical	1.571 rad / s (95° / s)	
	Wrist	R2	Rotation 2	2.618 rad / s (170° / s)	
		B	Bending	2.443 rad / s (155° / s)	
		R1	Rotation 1	3.840 rad / s (270° / s)	
Wrist torque		R2	Rotation 2	1030 Nm (105 Kgfm)	
		B	Bending	1030 Nm (105 Kgfm)	
		R1	Rotation 1	490 Nm (50 Kgfm)	
Accuracy of position repeatability				±0.15 mm	
Ambient Temperature				0 ~ 45 °C (273 ~ 318 K)	
Robot's Weight				1,450Kg	
Working envelope section area				12.5 m²	

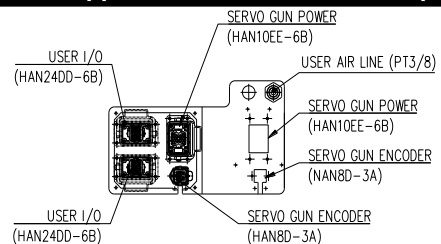
View B: Dimensional drawing for the floor installation of the body

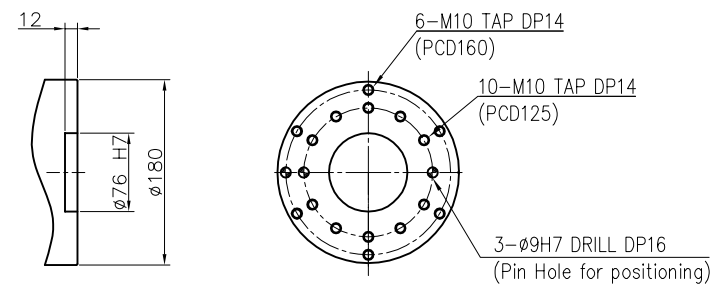


View C: Application cable connection part

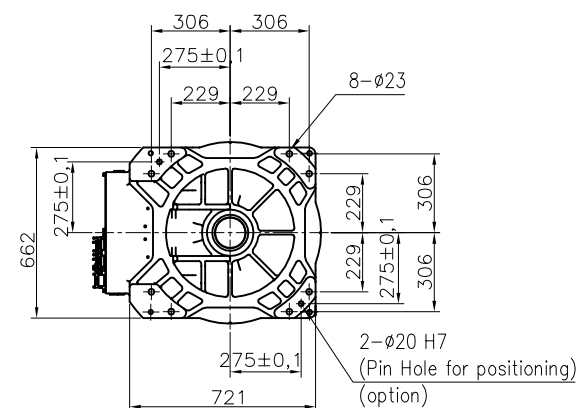
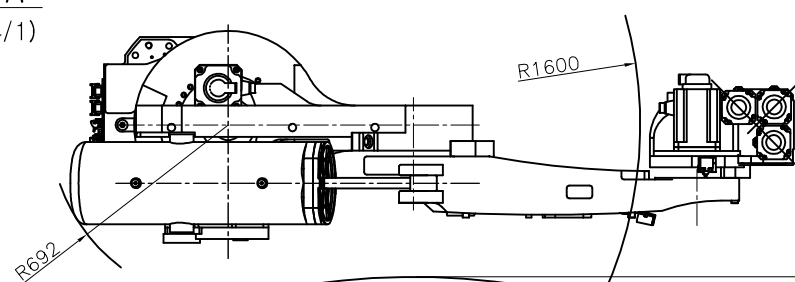


View D: Application cable connection part

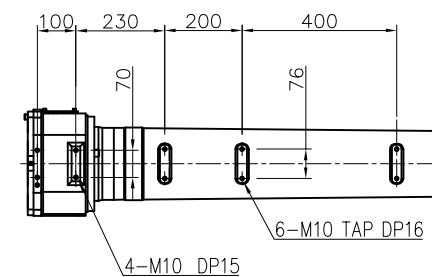




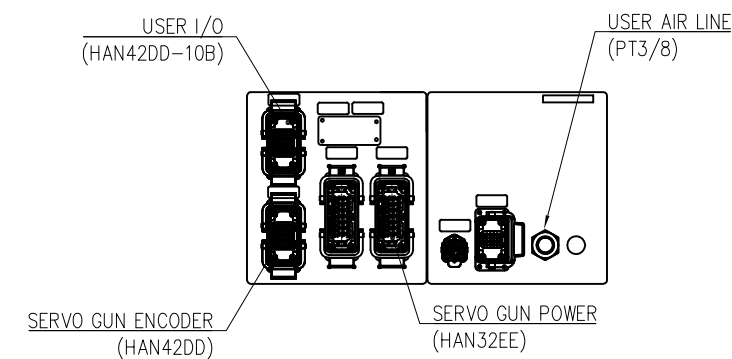
VIEW "A"
(SCALE : 4/1)



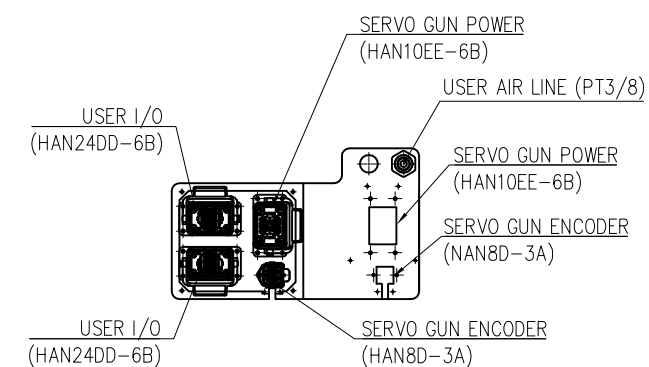
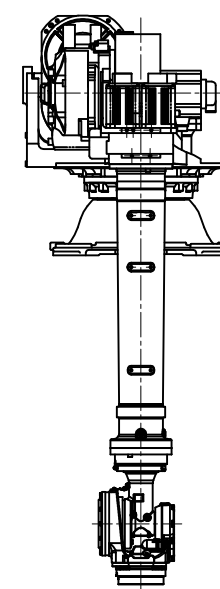
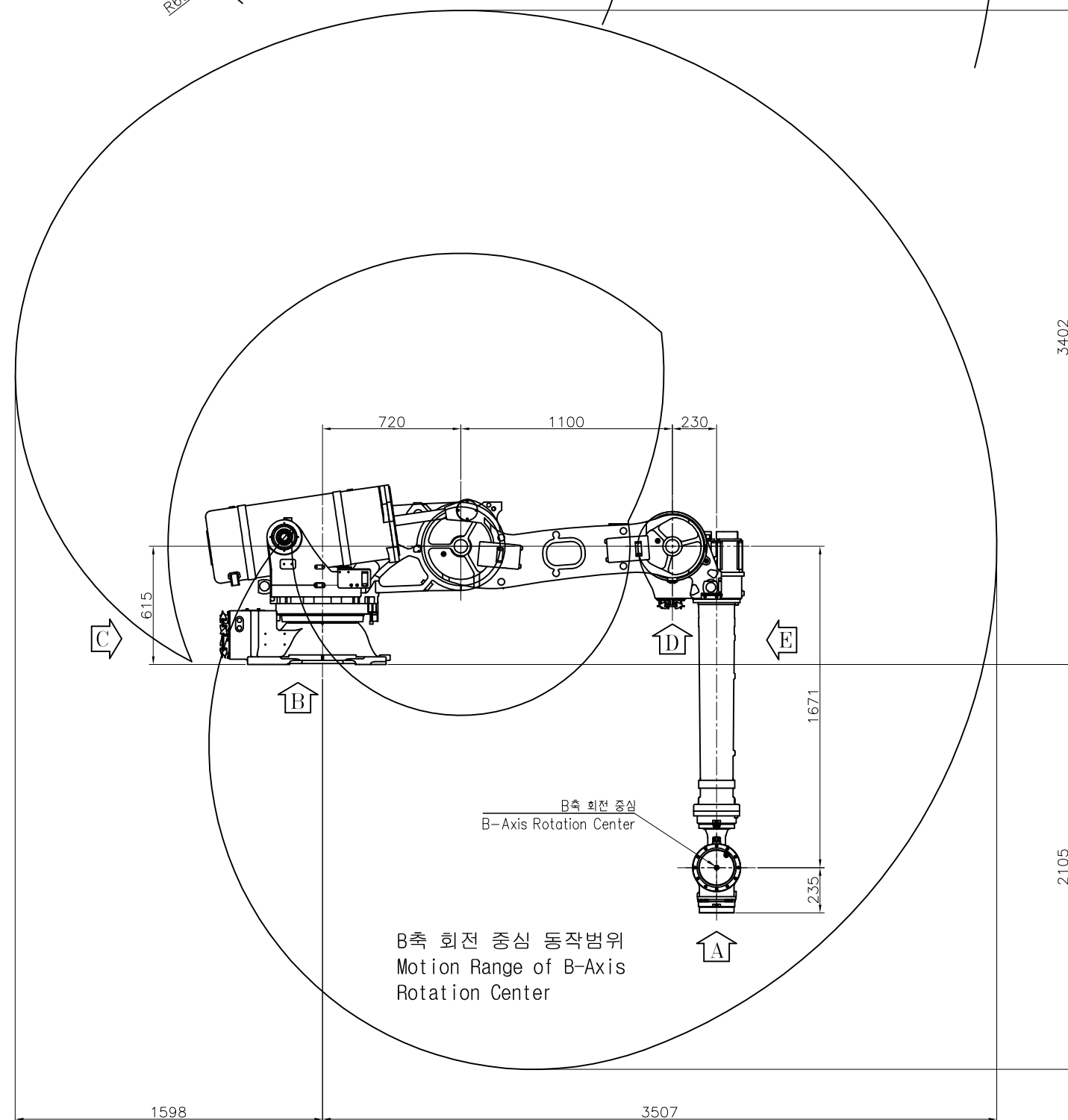
VIEW "B"
(SCALE : 1/1)



VIEW "E"
(SCALE : 1/1)



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



VIEW "D"
(SCALE : 1/1)

TECHNICAL SPECIFICATION SUBJECT TO
CHANGE WITHOUT NOTICE

MODEL	HH100SL	issue.0
DATE	2018.06.19	
 HYUNDAI ROBOTICS		