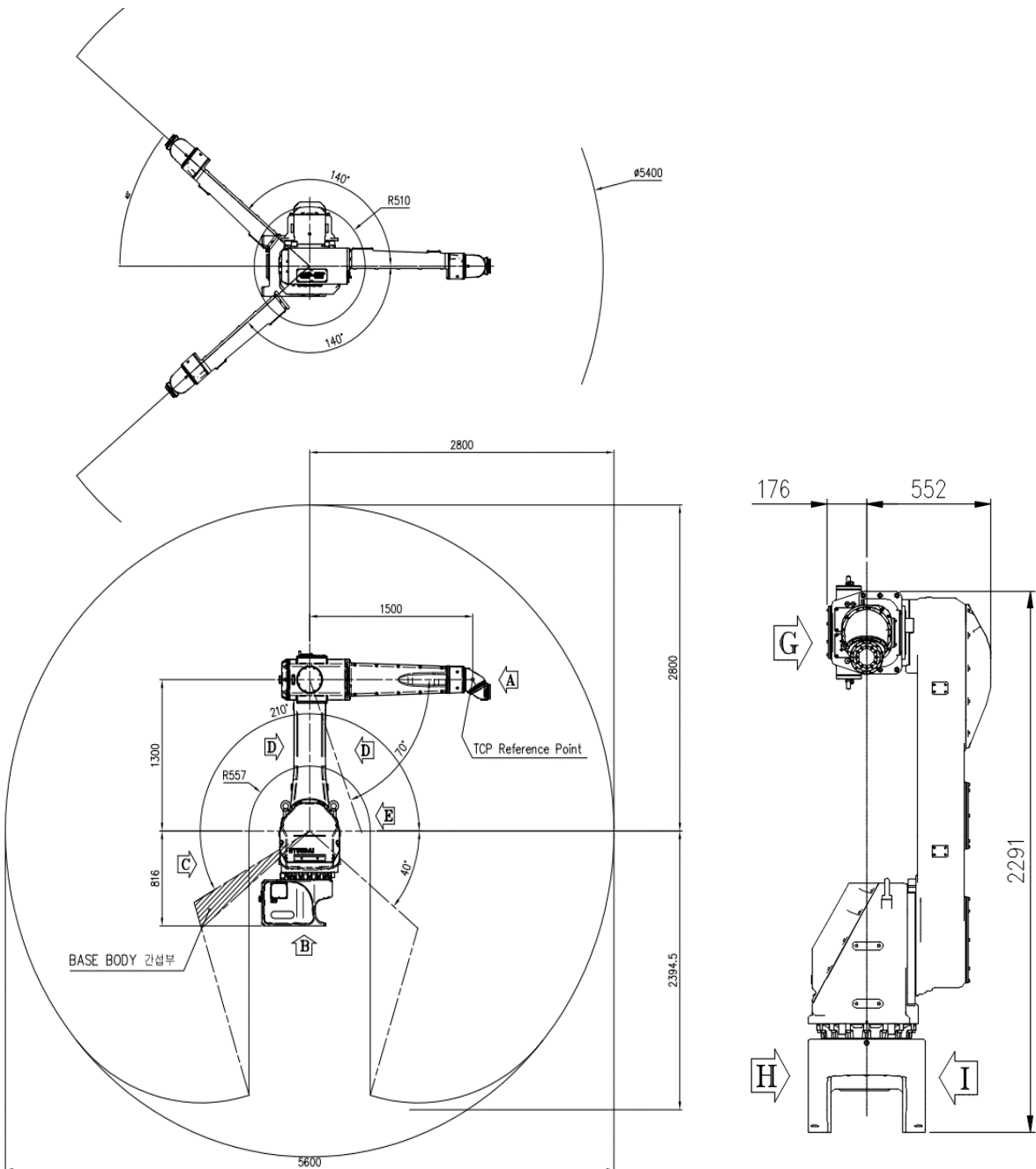
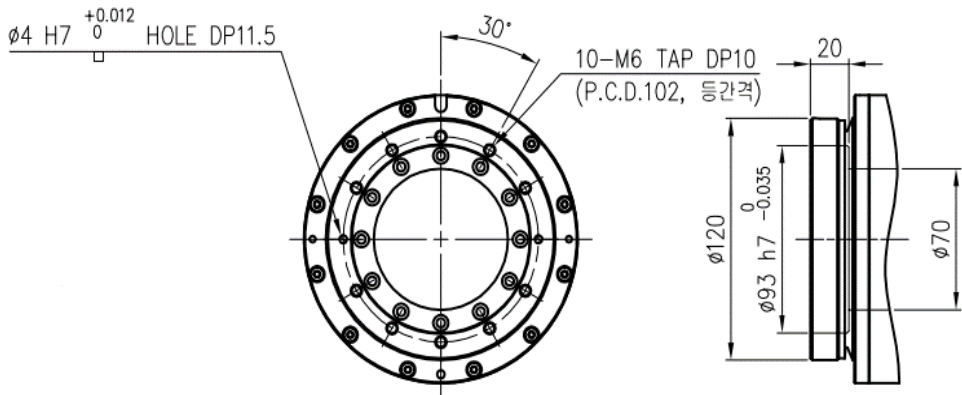


YP015A-28

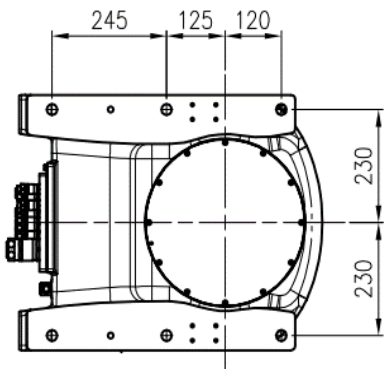
Installation method		Application	
Floor	●	Spot welding	
Ceiling		Arc welding	
Wall surface	●	Handling	
		Assembly	
		Sealing	
		Painting	●



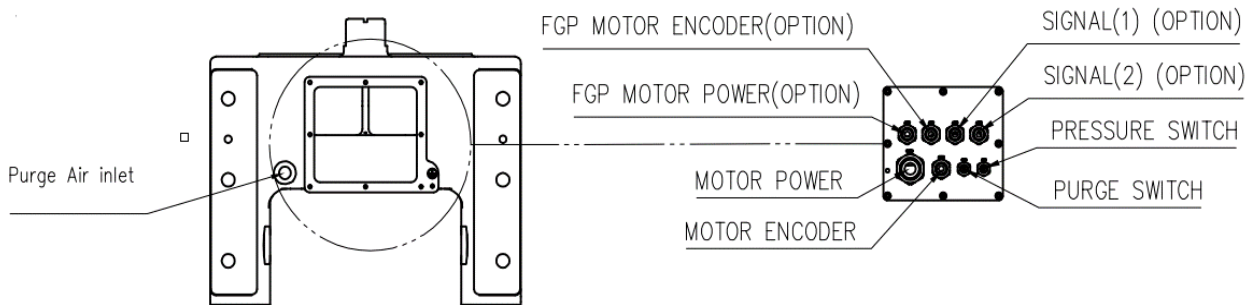
View A: Detailed drawing of the wrist attachment



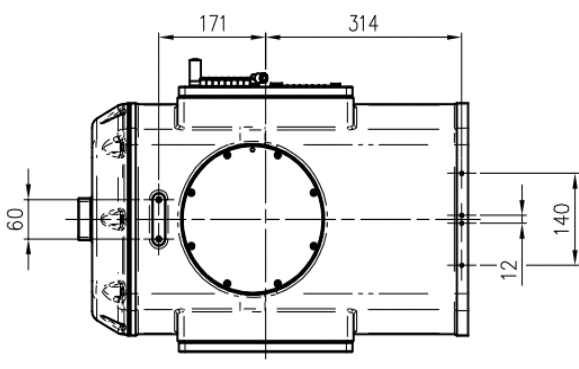
View B: Dimensional drawing for the floor installation of the body



View C: Application cable connection part

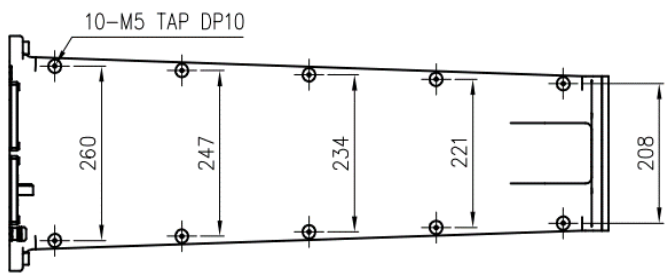


View F: Details of the application ancillary part attachment

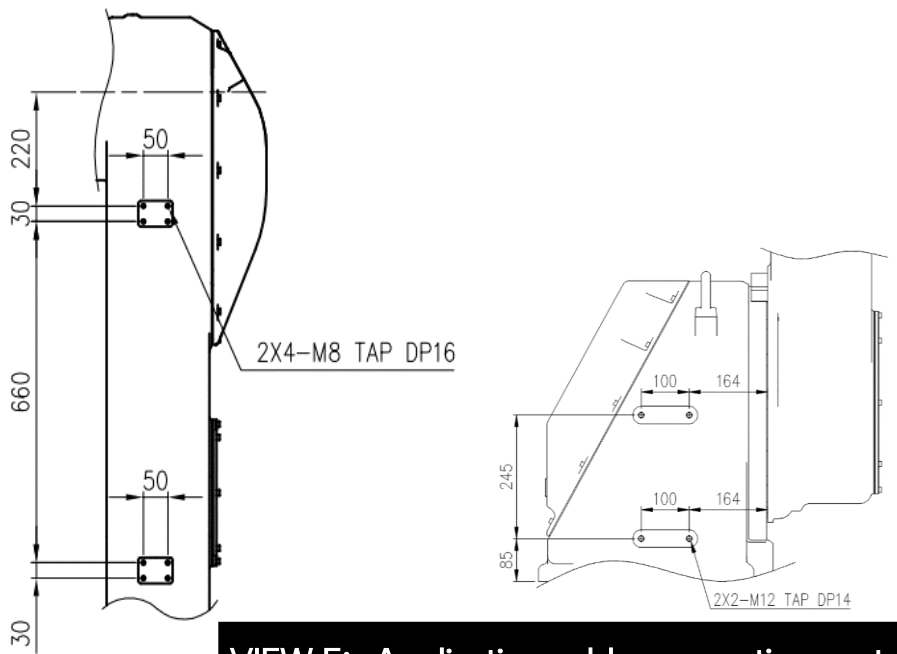


Item			Specification	
Robot model			YP015A-28	
Payload	Wrist		15 Kg	
	Outer arm		15 Kg	
	Inner arm		15 Kg	
Structure			Articulated	
Degree of freedom			6 axes	
Max. working envelope	Arm	S	Swivel	$\pm 2.79 \text{ rad } (\pm 160^\circ)$
		H	Horizontal	$+3.66 \sim -0.87 \text{ rad } (+210^\circ \sim -50^\circ)$
		V	Vertical	$+1.57 \sim -1.22 \text{ rad } (+90^\circ \sim -70^\circ)$
	Wrist	R2	Rotation 2	$\pm 6.28 \text{ rad } (\pm 360^\circ)$
		B	Bending	$\pm 6.28 \text{ rad } (\pm 360^\circ)$
		R1	Rotation 1	$\pm 6.28 \text{ rad } (\pm 360^\circ)$
Max. working speed	Arm	S	Swivel	$2.79 \text{ rad / s } (160^\circ / \text{s})$
		H	Horizontal	$2.79 \text{ rad / s } (160^\circ / \text{s})$
		V	Vertical	$2.79 \text{ rad / s } (160^\circ / \text{s})$
	Wrist	R2	Rotation 2	$7.85 \text{ rad / s } (450^\circ / \text{s})$
		B	Bending	$9.42 \text{ rad / s } (540^\circ / \text{s})$
		R1	Rotation 1	$10.47 \text{ rad / s } (600^\circ / \text{s})$
Repeatability			$\pm 0.2 \text{ mm}$	
Ambient Condition		Temp.	$0 \sim 40^\circ \text{ C } (273 \sim 313 \text{ K})$	
		Humid.	20~85%RH (non-condensing)	
Weight			600 kg	
Certificate No.			IECEX DEK 20.0016 (DEKRA 20ATEX0028)	
Explosion-proof	Ex Code		 Ex ib [ib] pxb IIB T4 Gb  II 2 G Ex ib [ib] pxb IIB T4 Gb	
	Ex ib		intinsic Safety(Zone 1)	
	pxb		Pressure Explosion-proof Structure	
	IIB		Gas group : Ethylene	
	T4		Facility surface maximum temperature : 135 ° C	
	Gb		Zone 1	

VIEW G: Details of the application ancillary part attachment



VIEW D: Details of the application ancillary part attachment



VIEW E: Application cable connection part

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