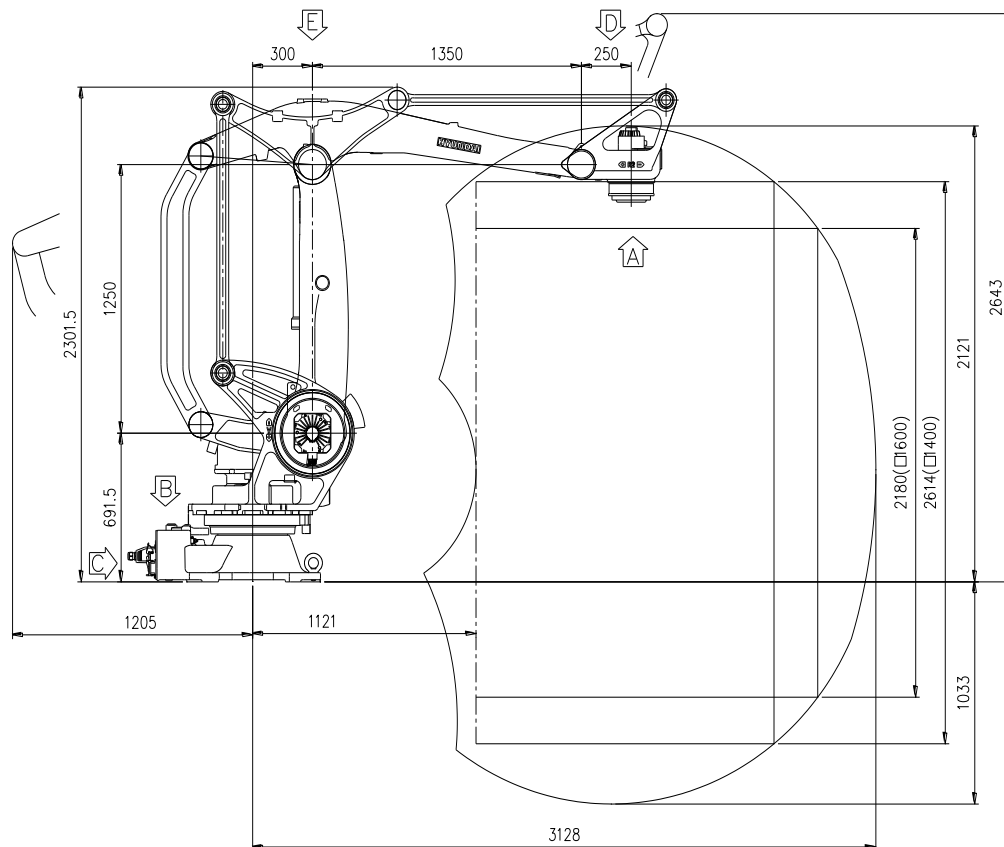
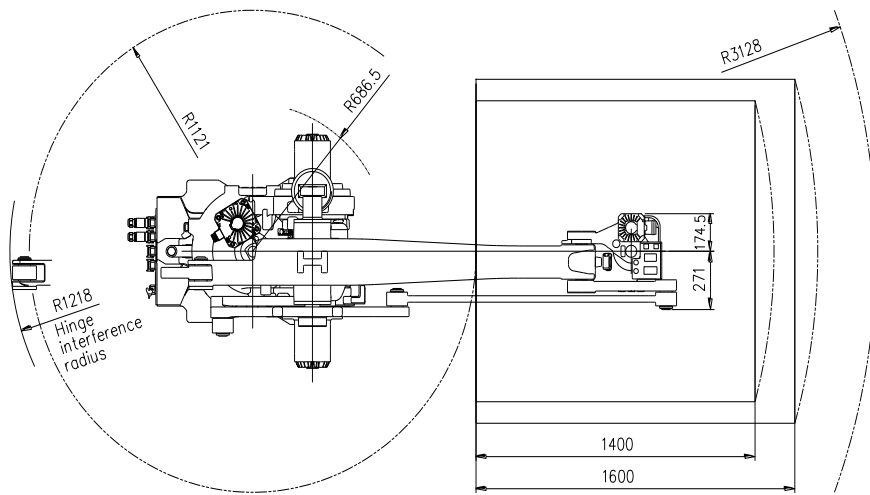


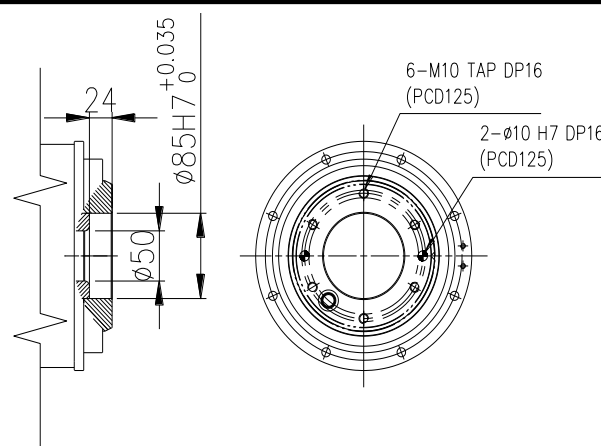
HDP160-31

Payload 160Kgf

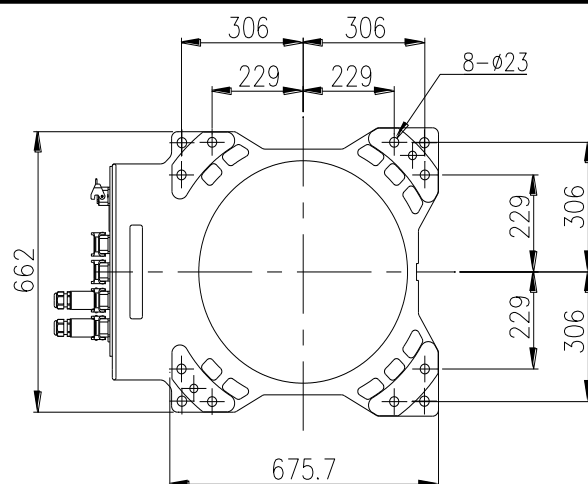
Installation method		Application	
Floor	●	Spot welding	
Ceiling		Arc welding	
Wall surface		Handling	●
		Assembly	
		Sealing	
		Painting	



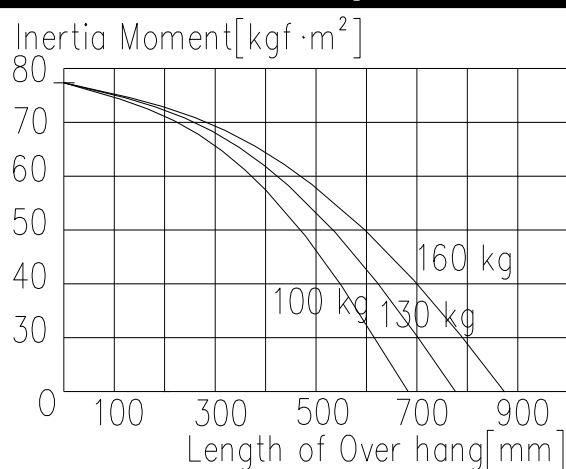
View A: Detailed drawing of the wrist



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



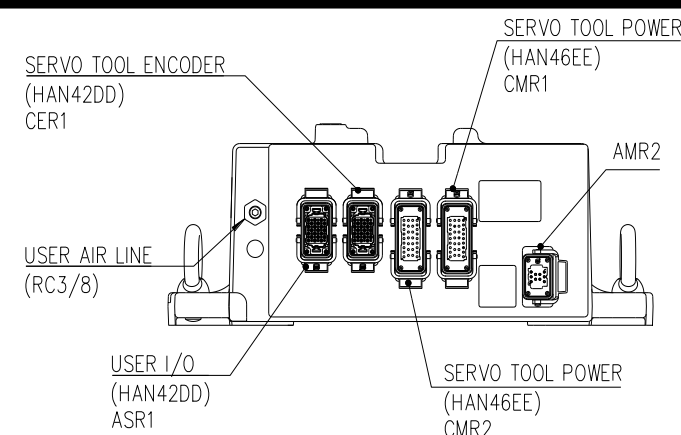
Wrist-axis torque line diagram



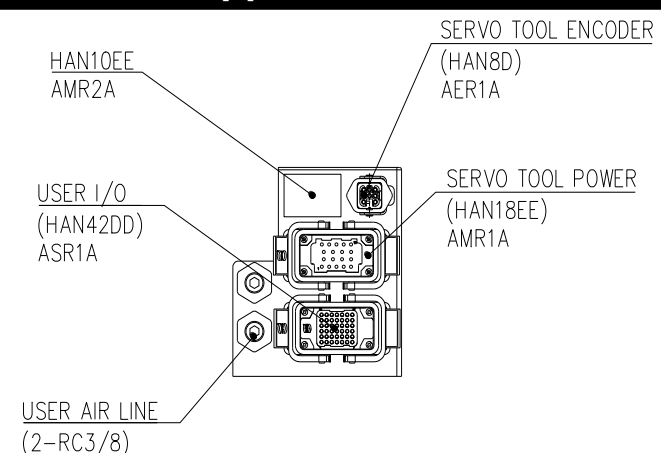
Item			Specification	Remarks
Robot model			HDP160-31	
Payload			160 kg	Including the hand weight
Structure			Articulated	
Degree of freedom			4 axes	
Capacity	Box		1300 CPH	When moving at a 100% load ratio, including the hand
	Bag		1558 CPH	
※ Note: This capacity varies on loading condition/system configuration method.				
Max. working envelope	A R M	Swivel (S)	±3.14 rad (±180°)	
		Horizontal (H)	+2.35 ~ -0.17 rad (+135° ~ -10°)	
		Vertical (V)	+0.26 ~ -2.18 rad (+15° ~ -125°)	
		H/V	+1.3 ~ -1.13 rad (+75°~-65°)	
	Loading zone (mm ²)	□1400	2614 mm	
		□1600	2180 mm	
	Wrist (W)		±6.28 rad (±360°)	
Wrist permissible inertia			78 kg·m ²	
Accuracy of position repeatability			±0.03 mm	
Ambient Temperature			0 ~ 45℃ (273 ~ 318 K)	
Robot's Weight			1250 Kg	

[Note] The palletizing capacity is based on the result of the tests carried out at 100% load ratio, each with the standard pattern of our company (vertical: 400 mm; horizontal: 2,000 mm).

View C: Application cable connection part



View D: Application cable connection part



View E: Details of the application ancillary part attachment

