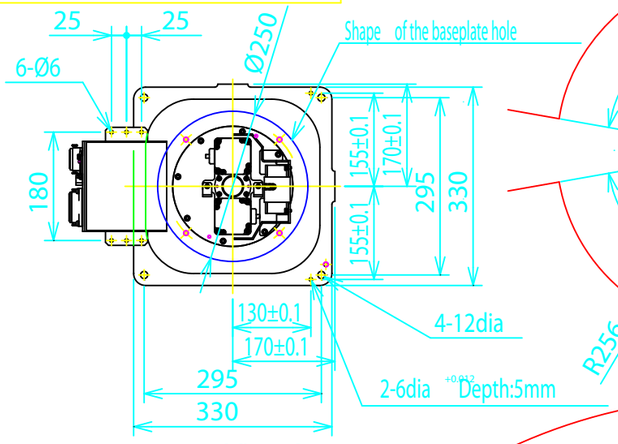
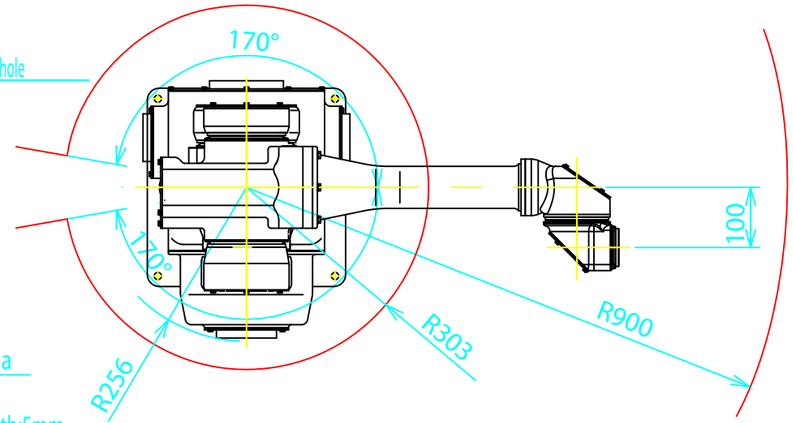
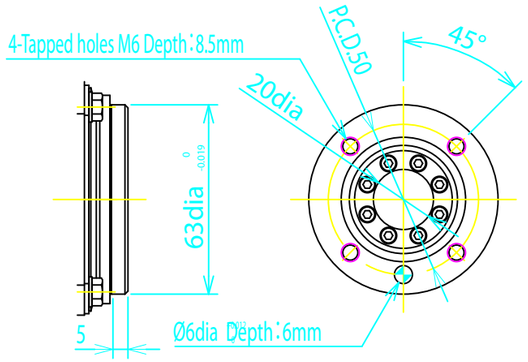
DWG.NO. HW0390703

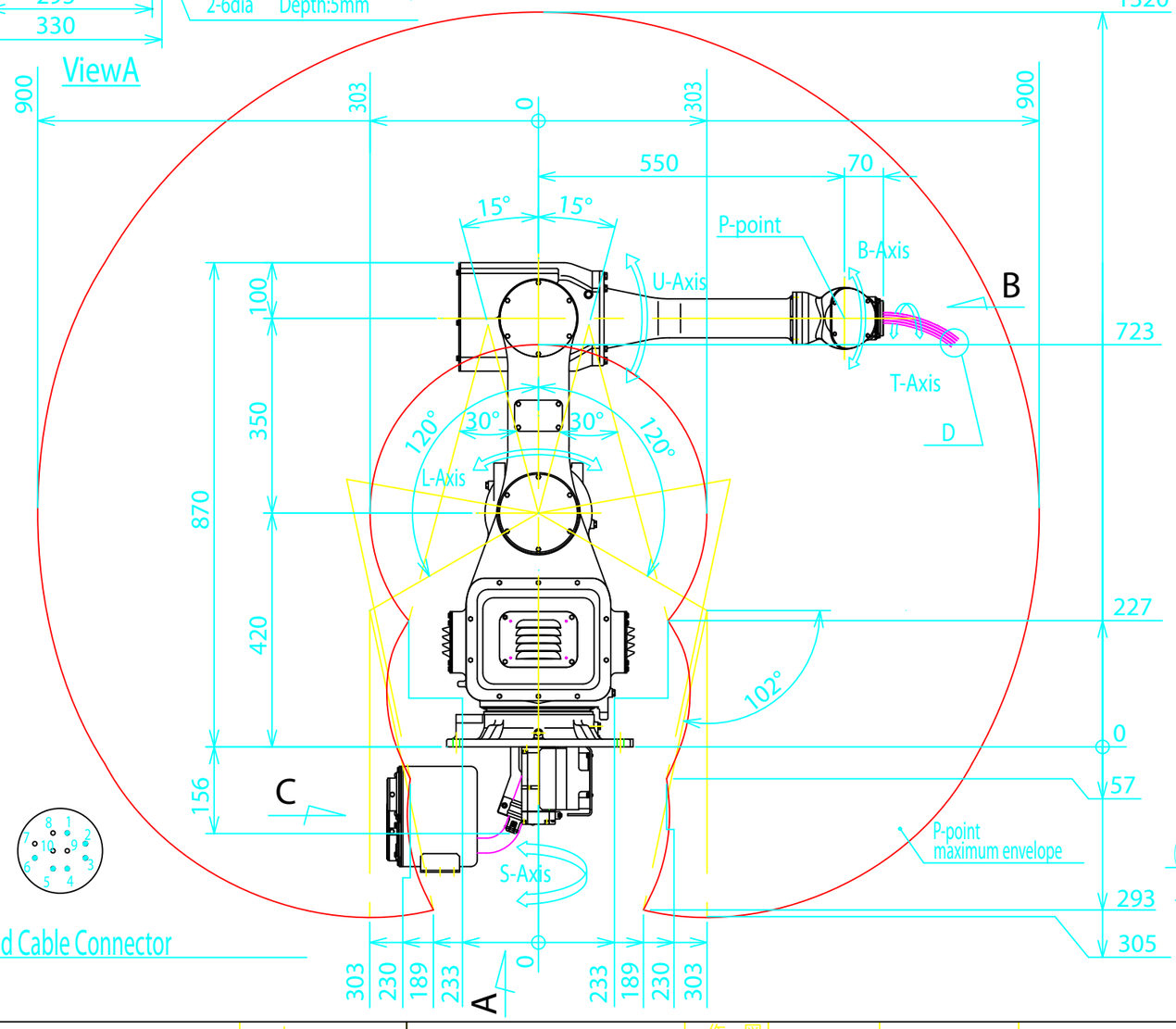


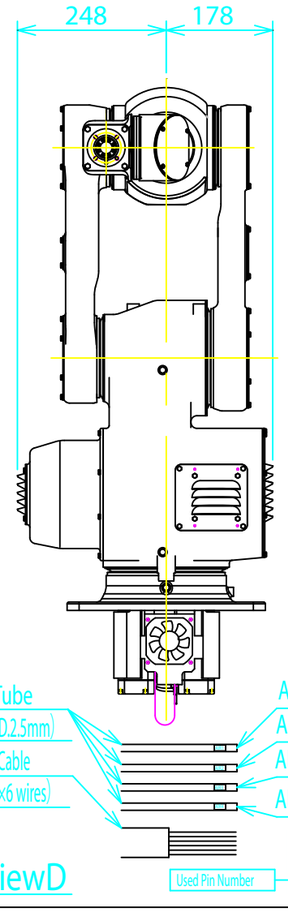
ViewA





ViewB Detail of Wrist Frange(Scale 1:2)

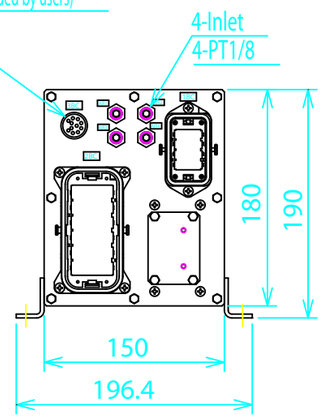




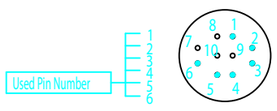
Item \ Model		MOTOMAN-MPK2
Configuration		Articulated Robot
Degree of Freedom		5
Payload		2kg
Repeatability		±0.5mm
Range of Motion	S-Axis(Turning)	±170°
	L-Axis(Lower Arm)	±120°
	U-Axis(Upper Arm)	+282°,-102°
	B-Axis(Pitch/Yaw)	±150°
	T-Axis(Twist)	±270°
Max Speed	S-Axis	5.59rad/s,320°/s
	L-Axis	5.76rad/s,330°/s
	U-Axis	5.76rad/s,330°/s
	B-Axis	6.63rad/s,380°/s
	T-Axis	34.9rad/s2000°/s
Allowable Moment	B-Axis	3.5Nm (0.36kgfm)
	T-Axis	1.5Nm (0.15kgfm)
Allowable Inertia (GD /4)	B-Axis	0.065 kg•m²
	T-Axis	0.012 kg•m²
Approx.Robot mass		60kg
Ambient Conditions	Temperature	0～45 C
	Humidity	20～80%RH (non-condensing)
	Vibration	Less than 4.9m/s (0.5G) ²
	Others	•Free from corrosive gases or liquids,or explosive gases. •Free from exposure to oil, or dust. •Free from excessive electrical noise. (plasma)
Power Requrements		2.0KVA

•SI units are used in this table.
However,gravitational units are used in ( ).
•Repeatitive Positioning Accuracy coforms to JIS B 8432.

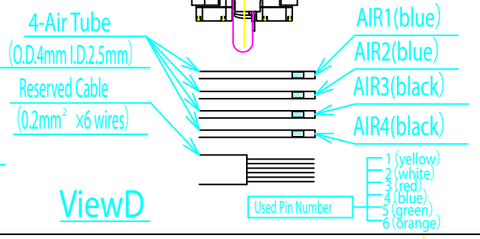
Mating connector type is RM15WTRZ-10P(with cap)
Mating connector type is RM15WTPZ-10S*HIROSE*
(provided by users)



ViewC (Scale 1:5)



Detail of Reserved Cable Connector



ViewD

REVISIONS	SCALE 1:10	YASKAWA 株式会社 安川電機	作図 DRAW. Feb.16.'10 検図 CHECK. 承認 APPR.	TITLE MOTOMAN-MPK2 外形図	DWG.NO. HW0390703 REV.