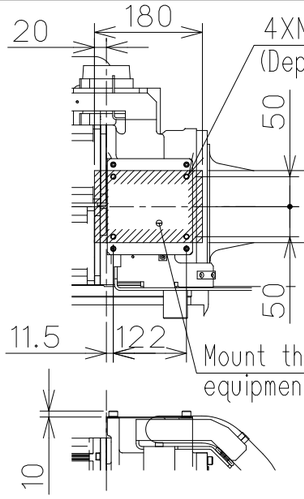
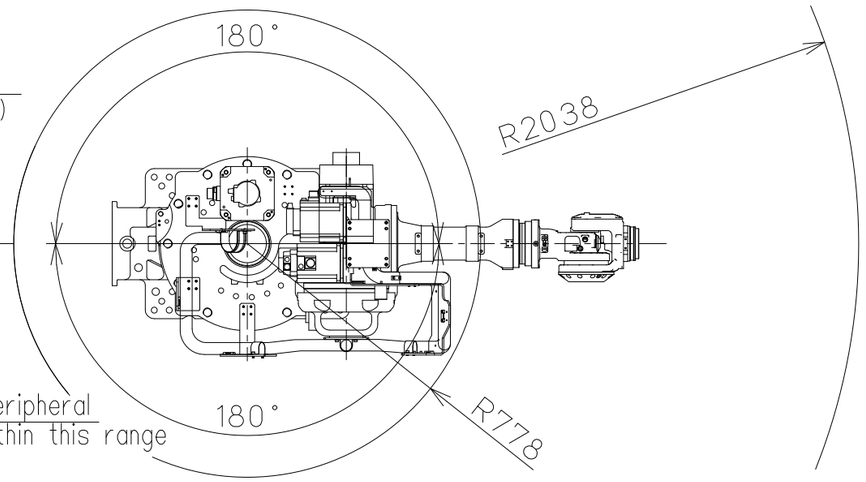
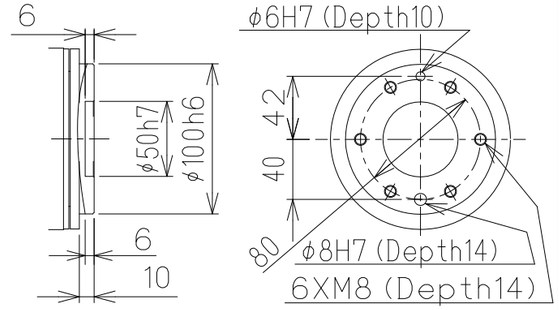
DWG.NO. HW1383271

FOR STUDY PURPOSE ONLY

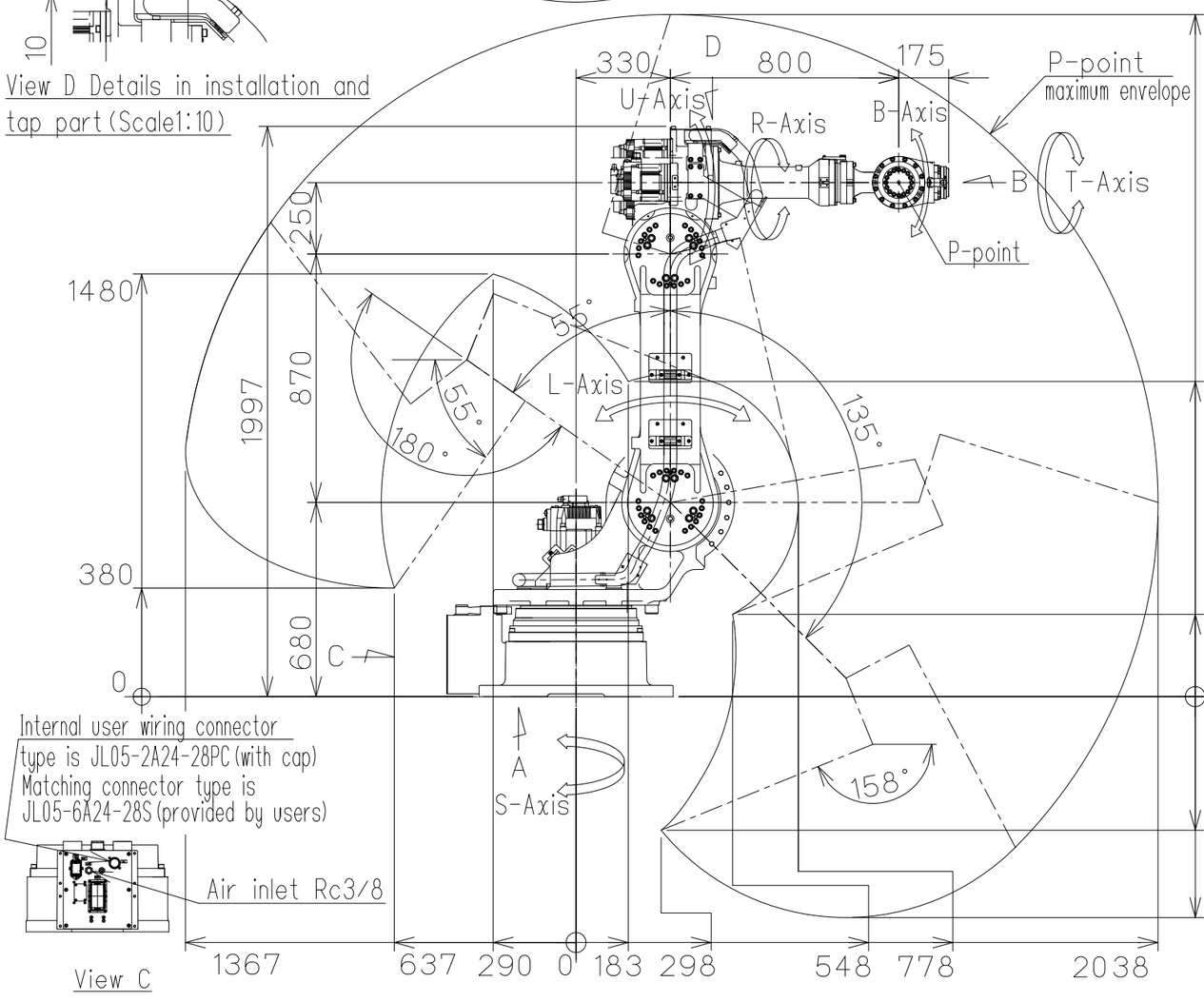


View D Details in installation and tap part (Scale1:10)

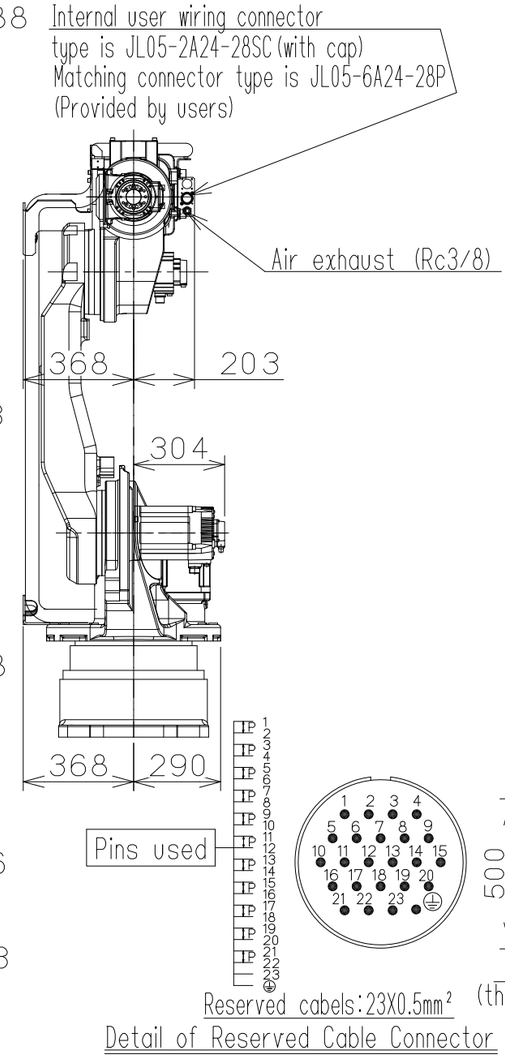




View B Detales in wrist frange (S1:4)



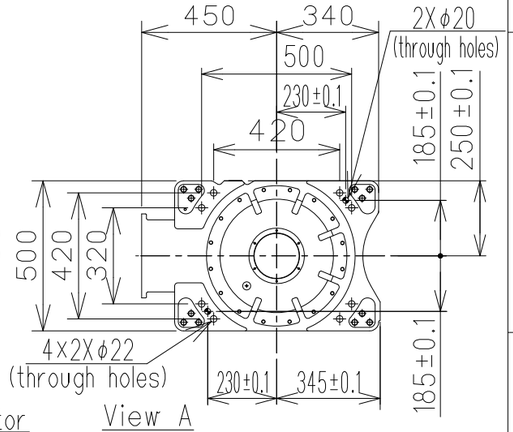
View C



Pins used

Reserved cabels: 23X0.5mm²

Detail of Reserved Cable Connector



View A

Item \ Model		MOTOMAN-MC2000Ⅱ
Configuration		Articulated Robot
Degree of Freedom		6
Payload		50 kg
Repeatability		±0.07mm
Range of Motion	S-Axis	-180° - +180°
	L-Axis	-90° - +135°
	U-Axis	-158° - +235°
	R-Axis	-360° - +360°
	B-Axis	-125° - +125°
	T-Axis	-360° - +360°
Max Speed	S-Axis	2.62rad/s,150°/s
	L-Axis	2.62rad/s,150°/s
	U-Axis	2.62rad/s,150°/s
	R-Axis	4.36rad/s,250°/s
	B-Axis	4.36rad/s,250°/s
	T-Axis	4.36rad/s,250°/s
Allowable Moment	R-Axis	110N·m (11kgf·m)
	B-Axis	110N·m (11kgf·m)
	T-Axis	55N·m (6kgf·m)
Allowable Inertia (GD²/4)	R-Axis	7kg·m²
	B-Axis	7kg·m²
	T-Axis	1kg·m²
Approx.Robot mass		845kg
Ambient Conditions	Temperature	0 to +45°C
	Humidity	20 to 80%RH (Non-codensing)
	Vibration	Less than 4.9m/s²(0.5G)
	Others	·Free from explosive or corrosive gas and liquid. ·Free from dust,oil or water. ·Free from electrical noise.
Power Requirements		3.5KVA

SI units are used in this table.
However,gravitational units are uses in ().
Repeatability is conformed to ISO 9283.

Note1) Use the robot under 30kg payload for high accuracy usage.

Type	Note
YR-MC02000-J00	STANDARD

Note:
1.All rights reserved.
2.Please note that the data is subject to be deleted without advance notice.
3.No warranty is given in relation to the data including the specification.
4.We are not responsible for any damages or loss caused by the use of the data.

SCALE 1:20

YASKAWA
株式会社 安川電機

Reference Drawing

TITLE MOTOMAN-MC2000Ⅱ
DIMENSION DIAGRAM

DATE Apr.04 '14

DWG.NO. HW1383271

SIZE A3