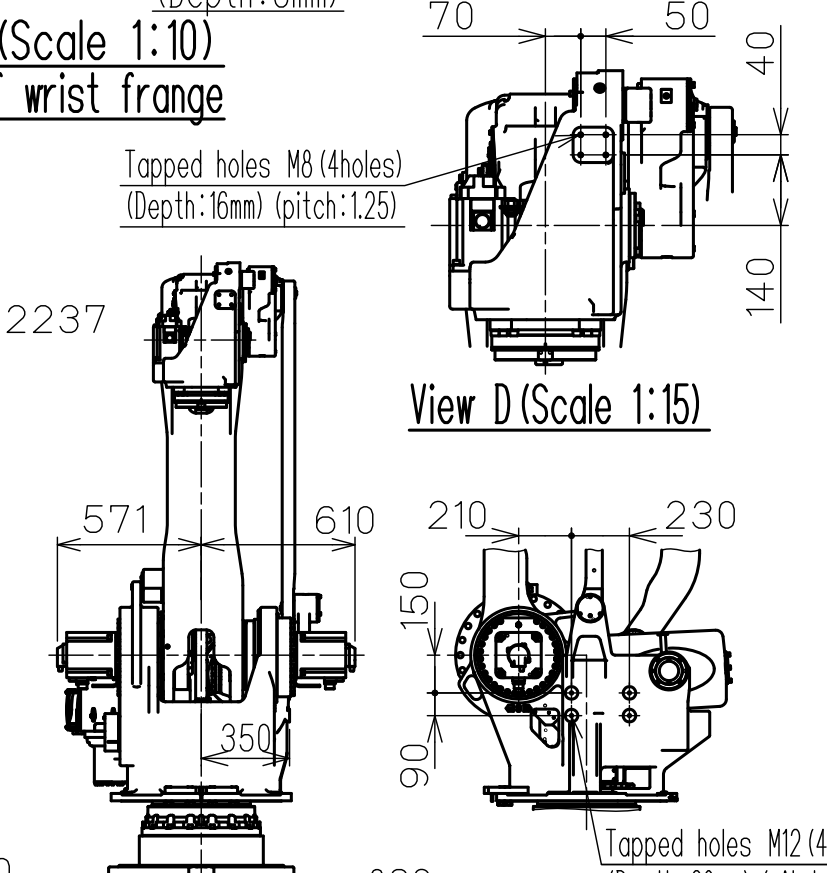
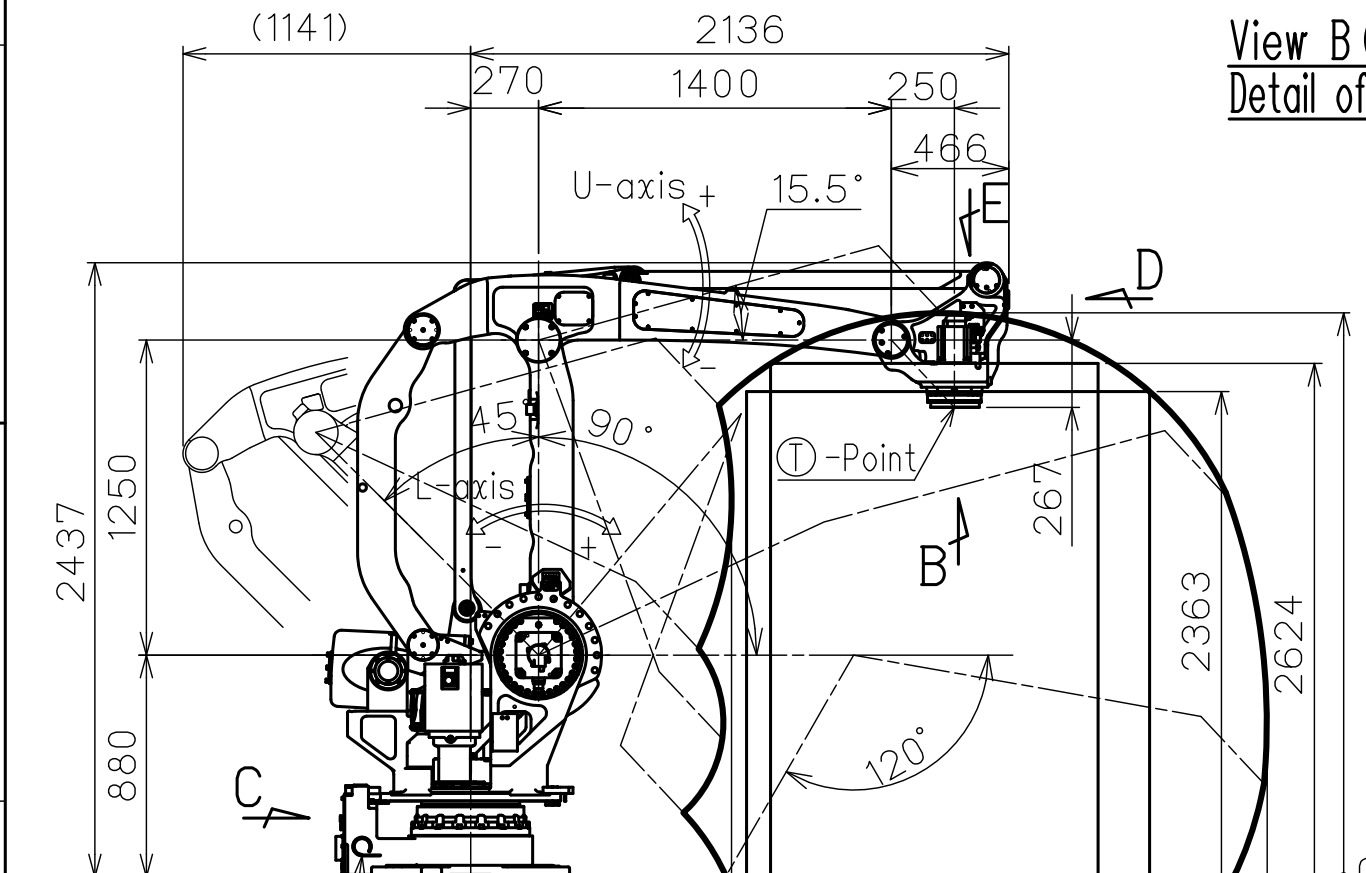
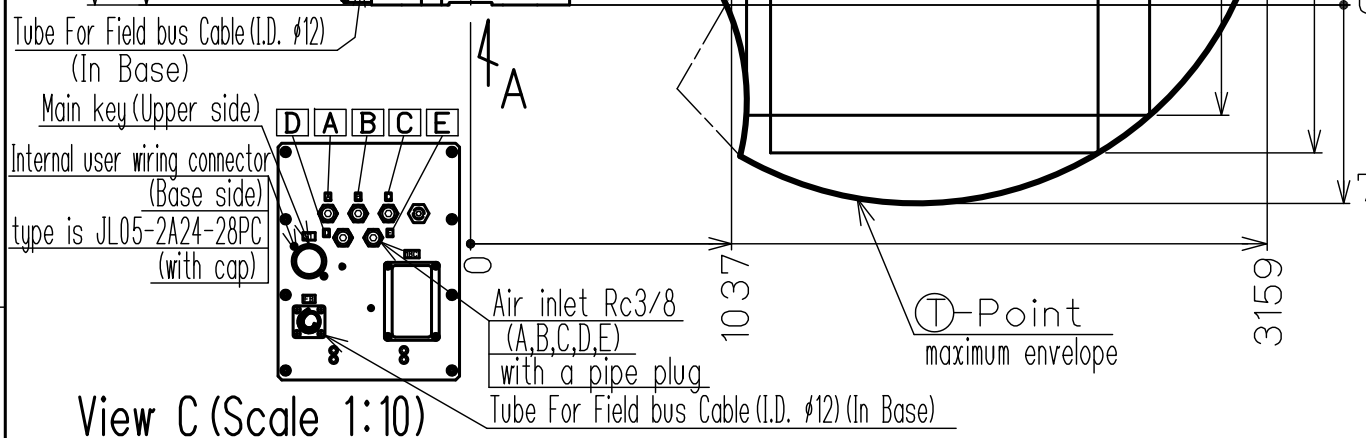


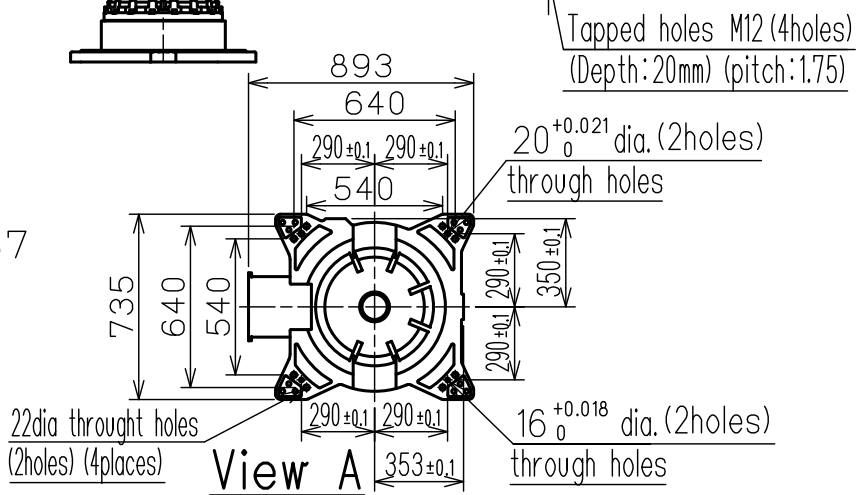
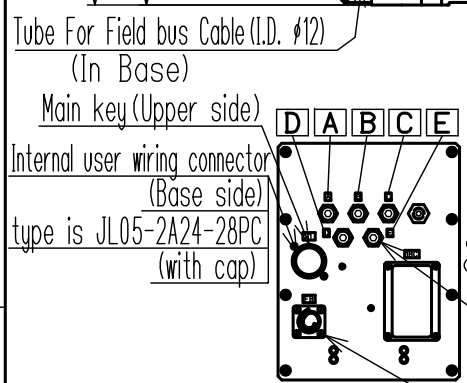
View B (Scale 1:10)
Detail of wrist frange



View D (Scale 1:15)

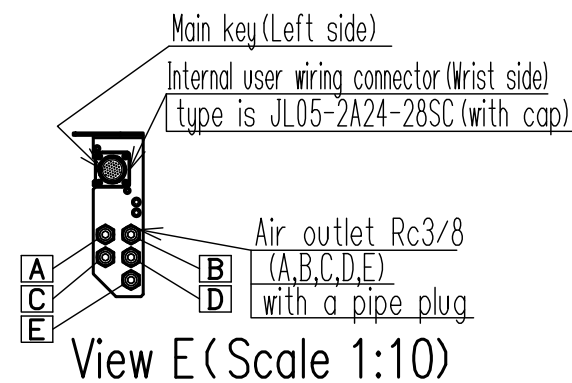


View C (Scale 1:10)



View A

Type	Note
YR-1-04LXH320-A00	Standard



View E (Scale 1:10)

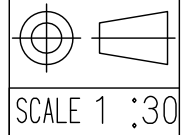
Item	Model	MOTOMAN-PL320
Configuration		Vertically articulated
Degree of Freedom		4
Payload	Wrist	320kg
Repeatability (*1)		0.05 mm
Range of Motion	S-Axis (Turning)	-180° - +180°
	L-Axis (Lower Arm)	-45° - +90°
	U-Axis (Upper Arm)	-120° - +15.5°
	T-Axis (Twist)	-360° - +360°
Max Speed	S-Axis	2.09rad/s (120°/s)
	L-Axis	1.92rad/s (110°/s)
	U-Axis	1.92rad/s (110°/s)
	T-Axis	5.23rad/s (300°/s)
Allowable Inertia (GD ² /4)	T-Axis	160kg·m ²
Approx. Robot mass		1680 kg
Protected structure		Body: IP54 Wrist: IP67
Mounting method		Floor-mounted
Ambient Conditions	Temperature	0°C to +45°C
	Humidity	20%RH to 80%RH (Non-condensing)
	Vibration	4.9m/s ² (0.5G) or less
	Altitude	1000m or less
	Flatness for installation	0.5mm or less
Others		<ul style="list-style-type: none"> Free from explosive and corrosive gas or liquid. Free from dirt dust, oil soot, or water Free from excessive electrical noise (plasma). Free from strong magnetic field.
Power Requirements		9.5KVA
Controller		YRC1000

*1 Repeatability is conformed to ISO 9283.
*2 The manipulator is in the home position.

Units: mm

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.

FOR STUDY PURPOSE ONLY



YASKAWA
株式会社 安川電機

Reference Drawing

TITLE MOTOMAN-PL320
DIMENSION DIAGRAM

DRWN DATE Sep.15.'20
DWG.NO. HW1386501

SIZE A3