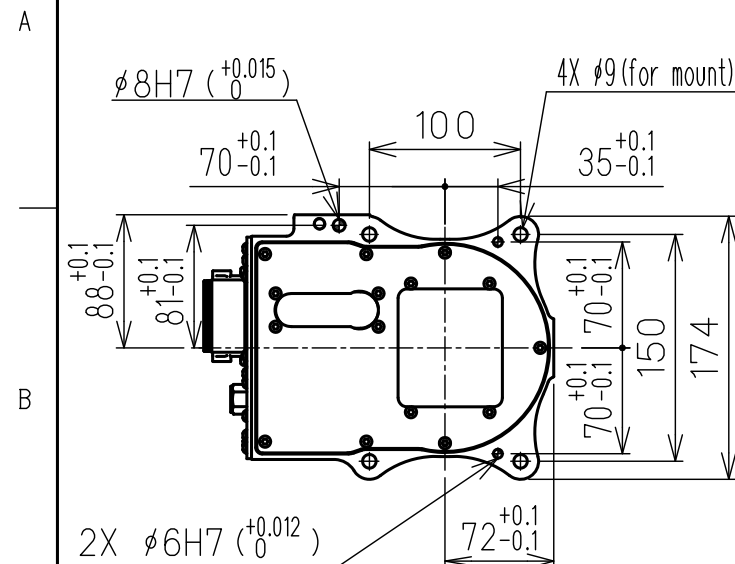
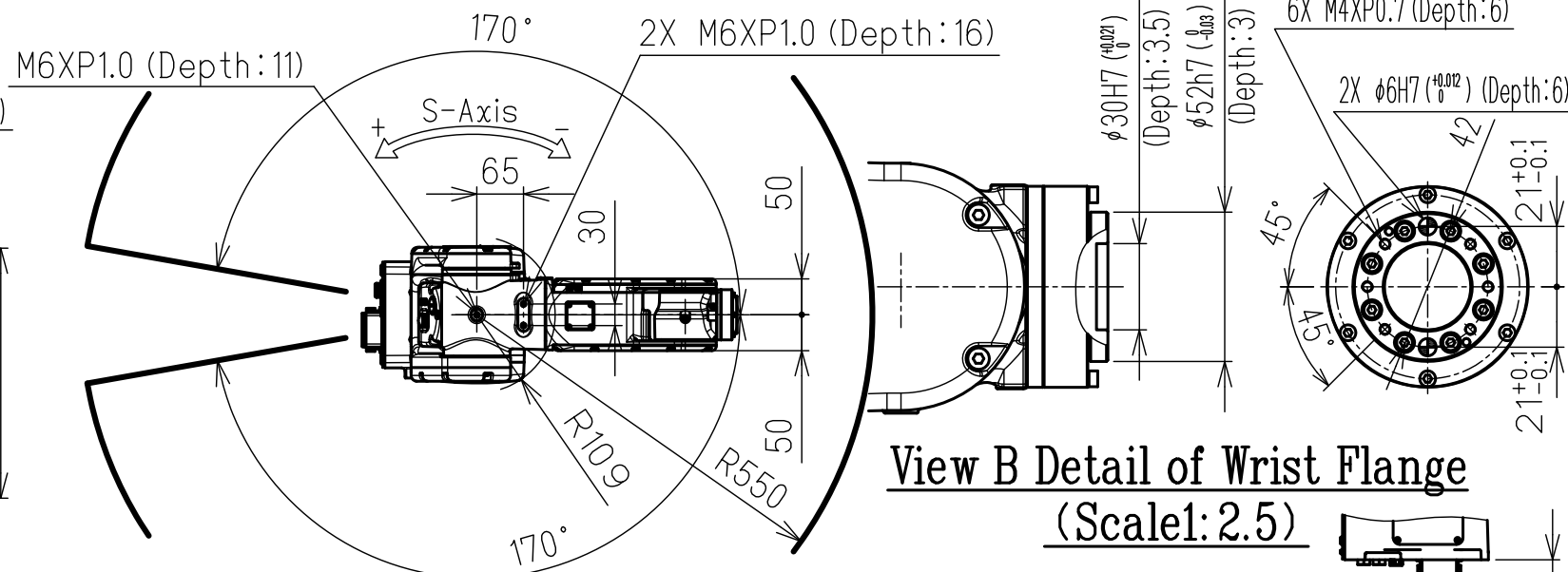


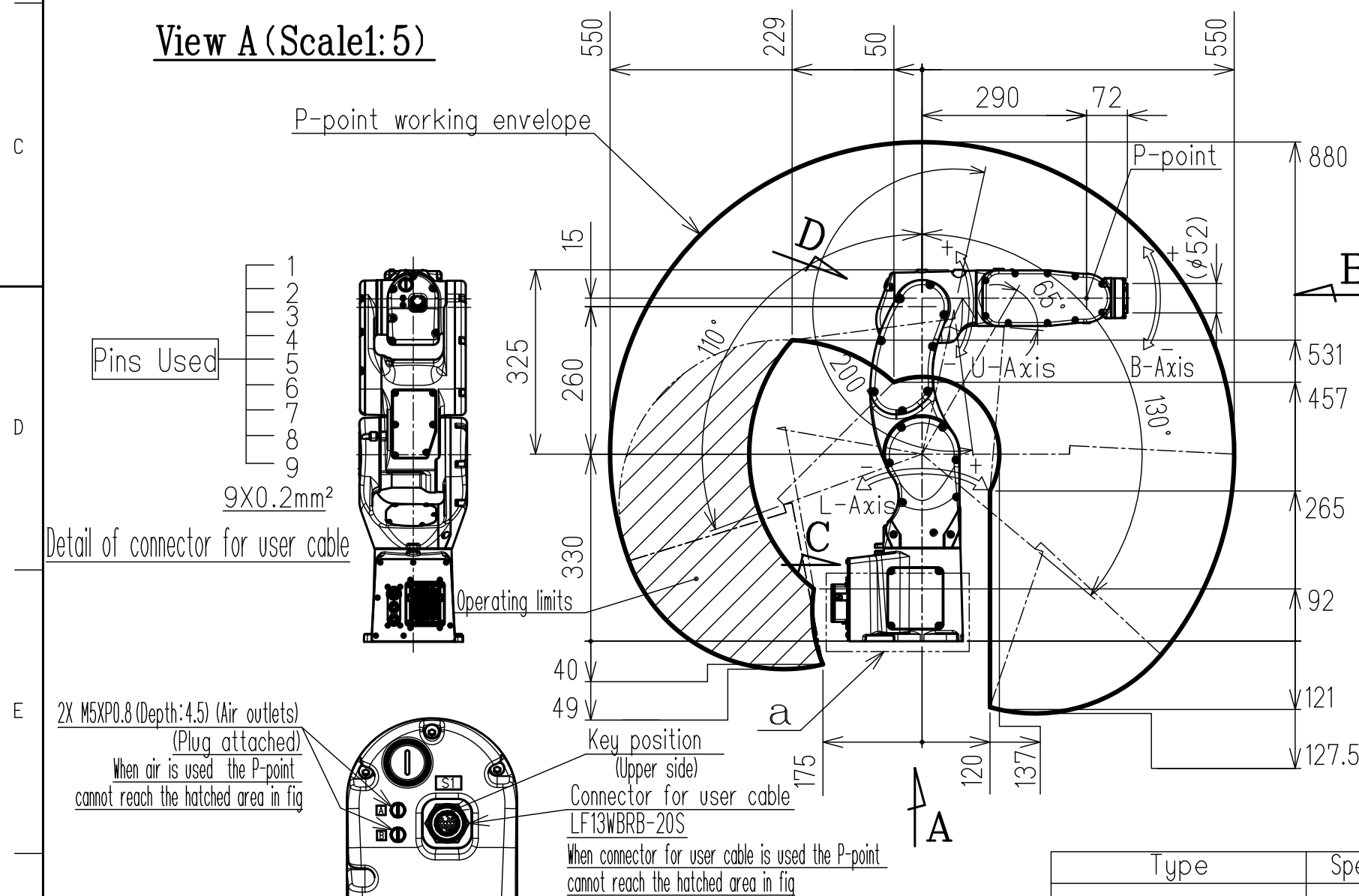
DWG.NO. HW1386616



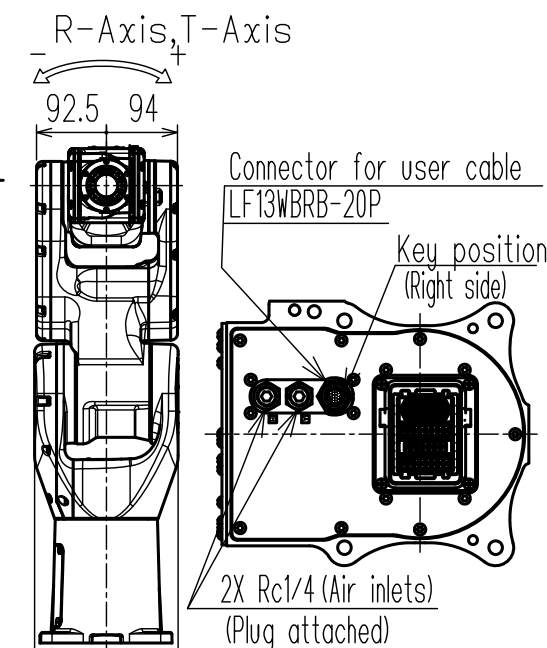
View A (Scale: 5)



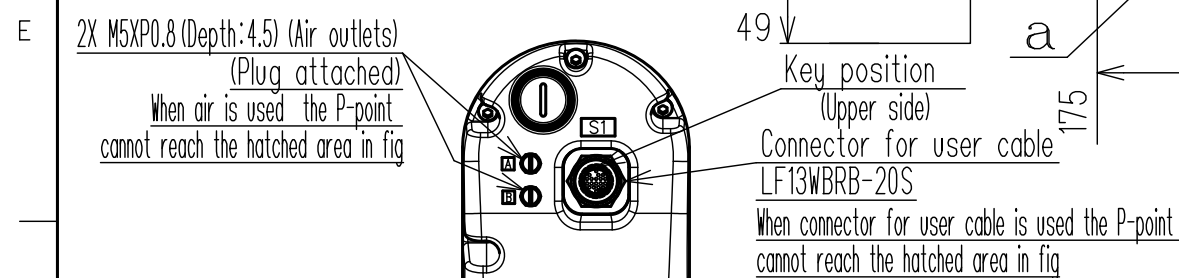
View B Detail of Wrist Flange
(Scale: 2.5)



Detail of a
(When power cable is led out downward)



View E (Scale: 1:5)



View D (Scale: 1:3)

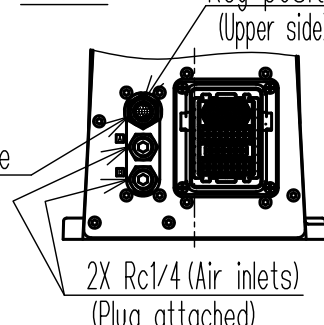
Type	Specification
YR-1-06VX4-A00	STANDARD

View C (Scale: 1:5)

Item	Model	MOTOMAN-GP4
Configuration		Vertically articulated
Degree of freedom		6
Payload	Wrist	4kg
	On U-arm	1kg
Repeatability (*1)		0.01mm
Range of motion	S-axis	-170° - +170°
	L-axis	-110° - +130°
	U-axis	-65° - +200°
	R-axis	-200° - +200°
	B-axis	-123° - +123°
	T-axis	-455° - +455°
Maximum speed	S-axis	8.11rad/s, 465° /s
	L-axis	8.11rad/s, 465° /s
	U-axis	9.16rad/s, 525° /s
	R-axis	9.86rad/s, 565° /s
	B-axis	9.86rad/s, 565° /s
	T-axis	17.45rad/s, 1000° /s
Allowable moment	R-axis	8.86Nm (0.90kgfm)
	B-axis	8.86Nm (0.90kgfm)
	T-axis	4.9Nm (0.50kgfm)
Allowable inertia (GD ² /4)	R-axis	0.2kg·m ²
	B-axis	0.2kg·m ²
	T-axis	0.07kg·m ²
Mass		28kg
Protection rating		IP67
Mounting method		Floor-mounted, Wall-mounted, Tilt-mounted, Ceiling-mounted
Ambient Conditions	Temperature	0°C-45°C
	Humidity	20%RH-80%RH (Non-condensing)
	Vibration acceleration	4.9m/s ² (0.5G) or less
	Altitude	1000m or less
	Flatness for installation	0.5mm or less
	Others	Free from oil soot. Free from explosive and corrosive gas or liquid. Free from excessive electrical noise (plasma). Free from strong magnetic field.
Power requirements		1KVA
Applicable controller		YRC1000/YRC1000micro

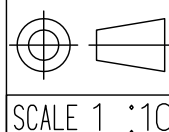
*1 Repeatability conforms to ISO 9283.
*2 The manipulator is in the home position in this drawing.

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-GP4
DIMENSION DIAGRAM

DRWN DATE Nov.04.' 20

DWG.NO. HW1386616

SIZE A3