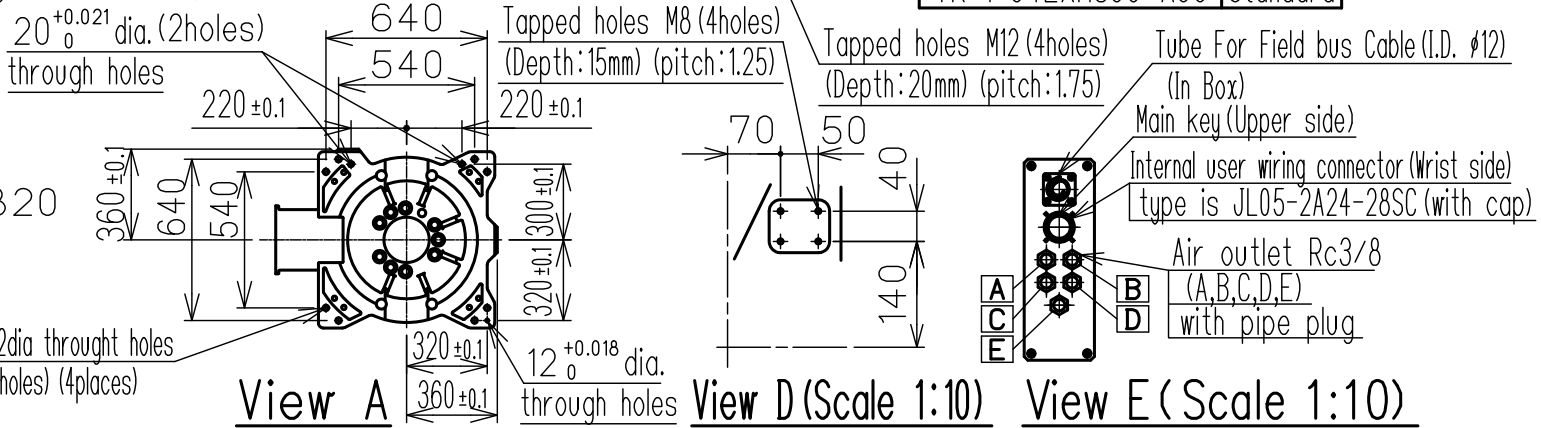
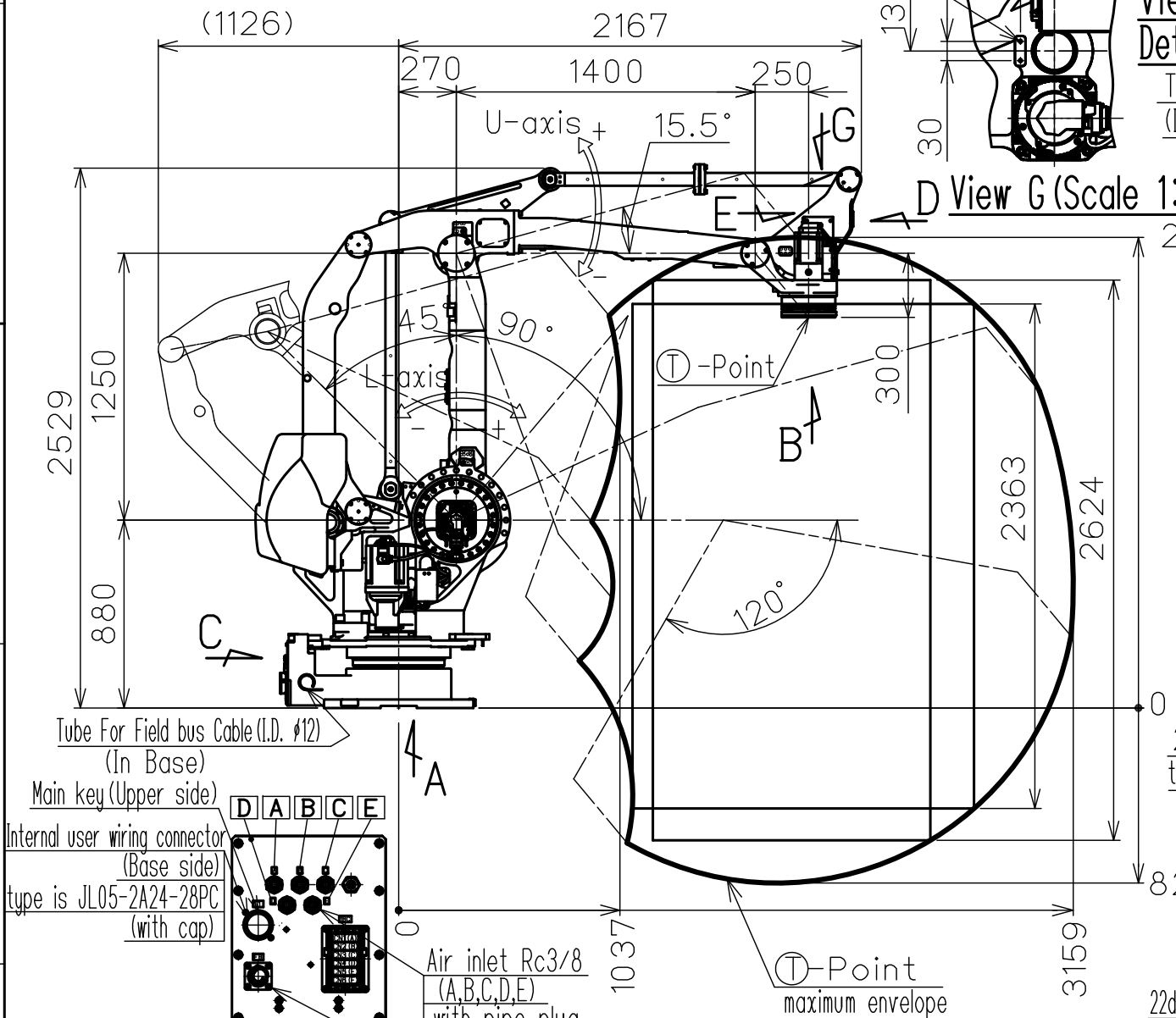
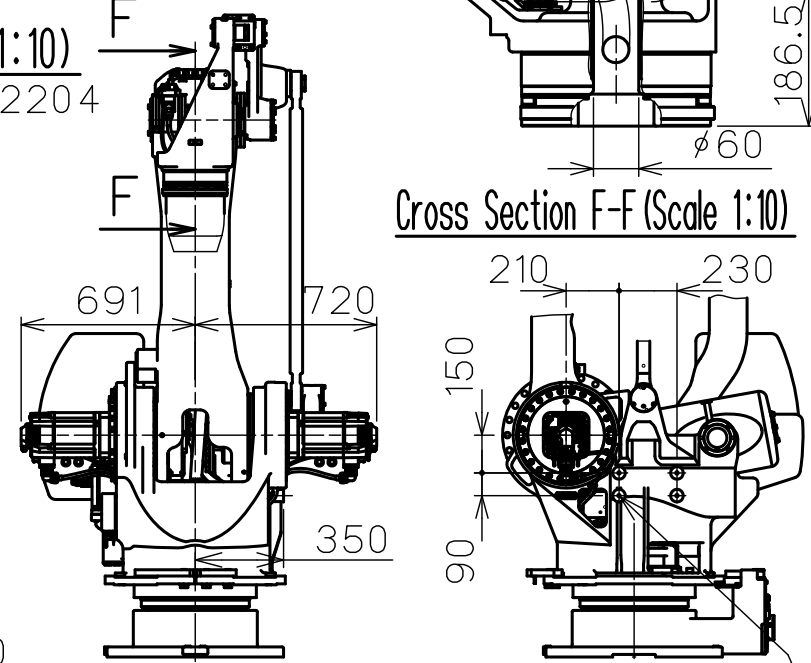
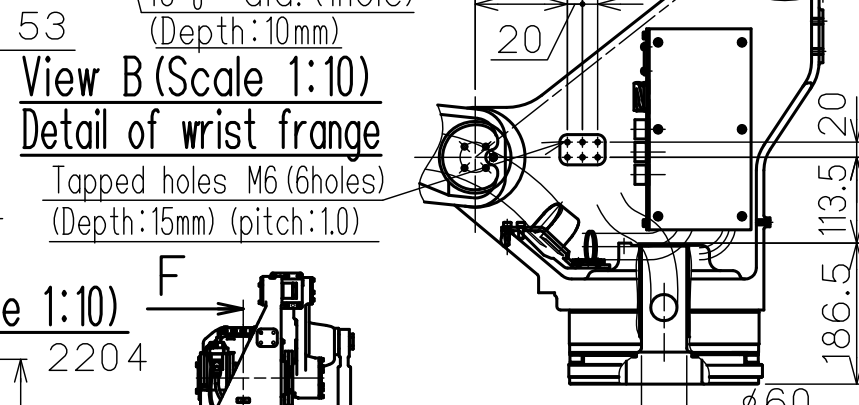
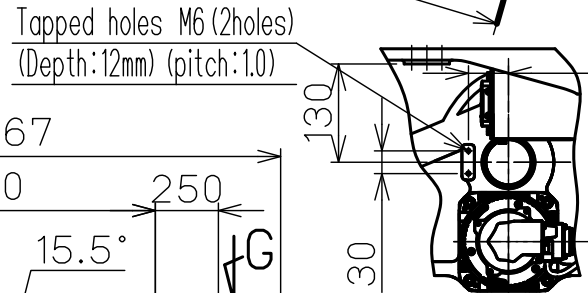


Item	Model	MOTOMAN-PL500
Configuration	Vertically articulated	
Degree of Freedom	4	
Payload	Wrist	500kg
Repeatability (*1)	0.05 mm	
Range of Motion	S-Axis (Turning)	-180° - +180°
	L-Axis (Lower Arm)	-45° - +90°
	U-Axis (Upper Arm)	-120° - +15.5°
	T-Axis (Twist)	-360° - +360°
Max Speed	S-Axis	1.48rad/s (85°/s)
	L-Axis	1.48rad/s (85°/s)
	U-Axis	1.48rad/s (85°/s)
	T-Axis	3.40rad/s (195°/s)
Allowable Inertia (GD ² /4)	T-Axis	200kg · m ²
Approx. Robot mass	2390 kg	
Protected structure	IP54	
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 fields.
Power Requirements	8.0KVA	
Controller	YRC1000	



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

Type	Note	Units: mm
YR-1-04LXH500-A00	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.

FOR STUDY PURPOSE ONLY

SCALE 1:30

YASKAWA
株式会社 安川電機

Reference Drawing

TITLE MOTOMAN-PL500
DIMENSION DIAGRAM

DRWN DATE Jan.28.'19
DWG.NO. HW1386229

SIZE A3