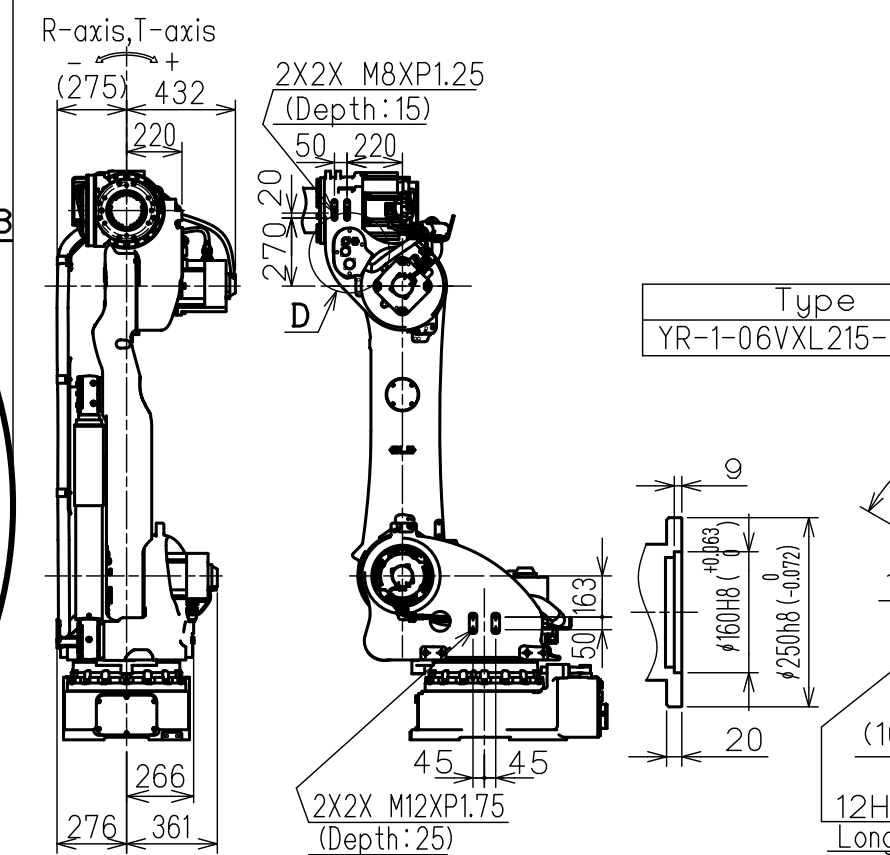
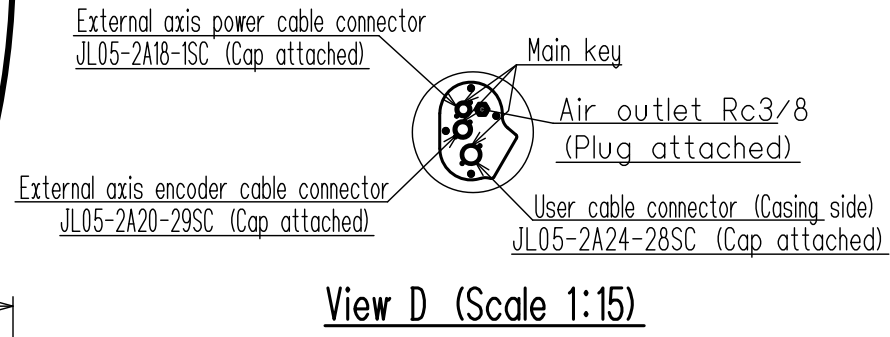
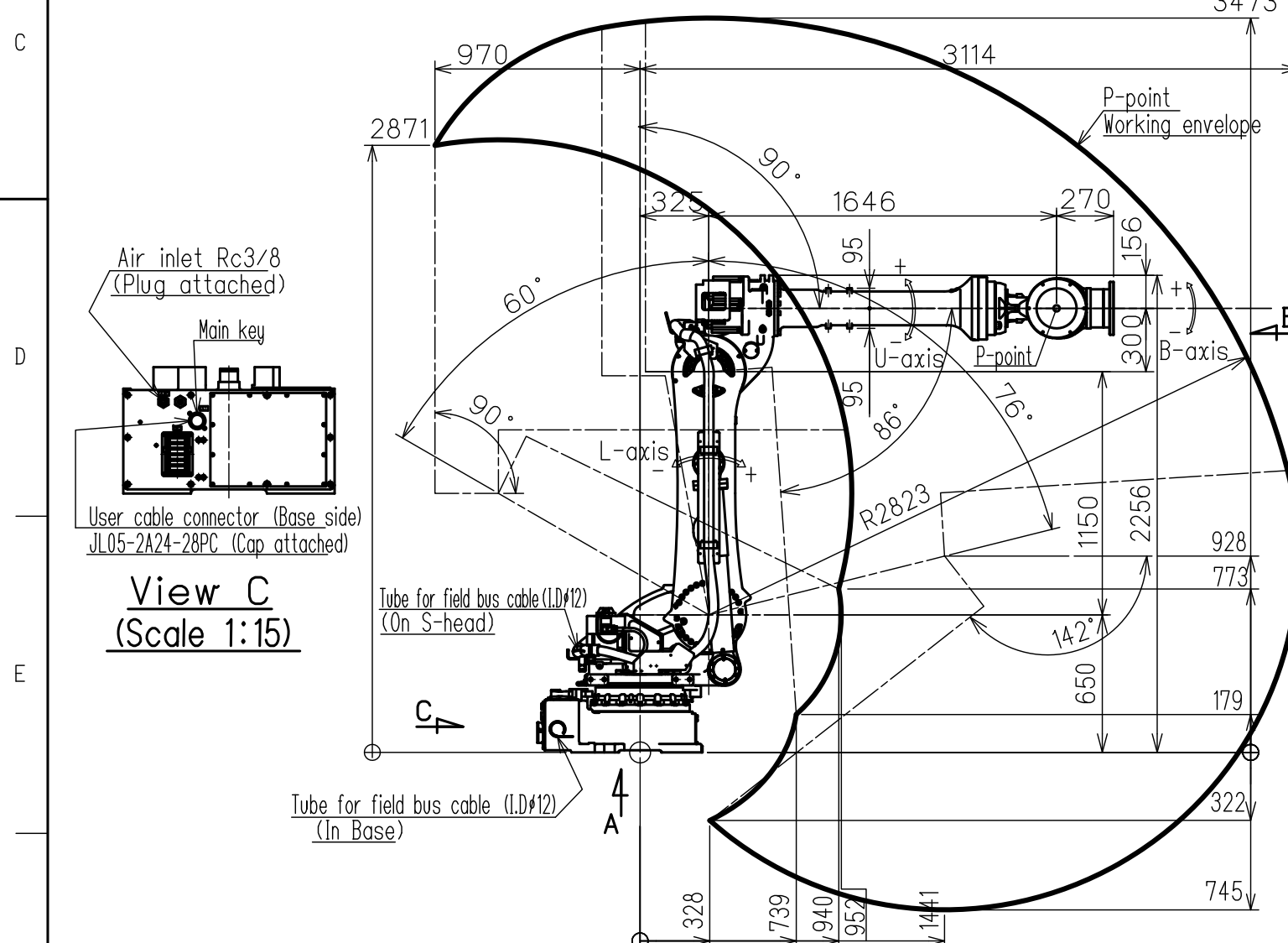
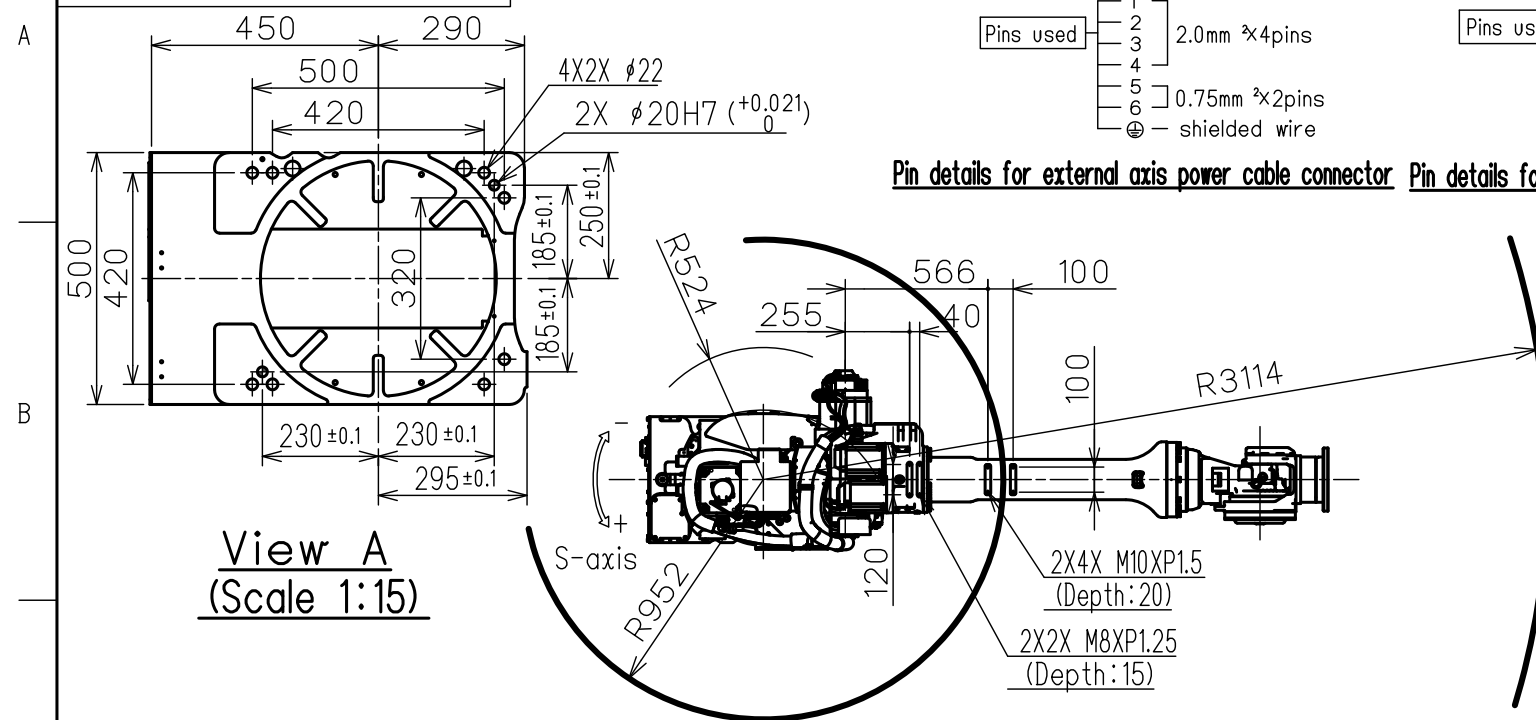


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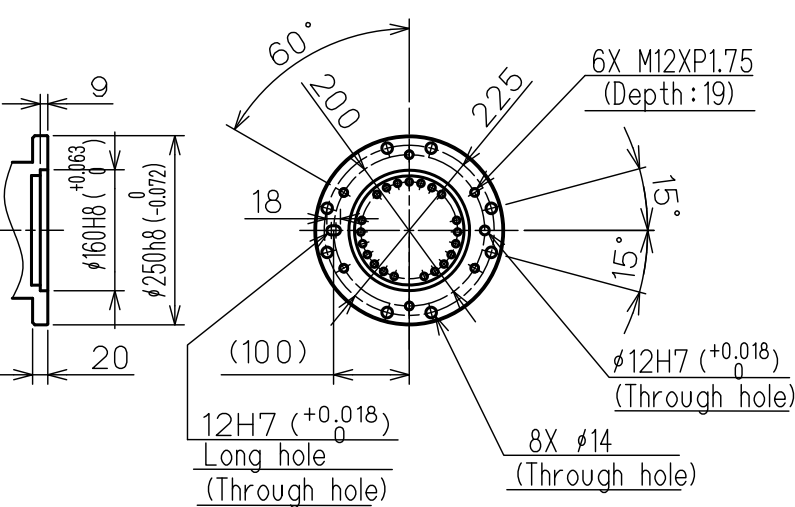


Item	Model	MOTOMAN-GP215L
Configuration		Vertically articulated
Degree of freedom		6
Payload	Wrist part	215kg
	U-arm	30kg
Repeatability (*1)		0.1 mm
Range of motion	S-axis	-180° - +180°
	L-axis	-60° - +76°
	U-axis	-86° - +90°
	R-axis	-360° - +360°
	B-axis	-125° - +125°
	T-axis	-360° - +360°
Maximum speed (*2)	S-axis	1.83 rad/s, 105°/s
	L-axis	1.54 rad/s, 88°/s
	U-axis	1.54 rad/s, 88°/s
	R-axis	2.09 rad/s, 120°/s
	B-axis	2.09 rad/s, 120°/s
	T-axis	3.49 rad/s, 200°/s
Allowable moment	R-axis	1700 N·m (173.5kgf·m)
	B-axis	1700 N·m (173.5kgf·m)
	T-axis	900 N·m (91.8kgf·m)
Allowable inertia (GD²/4)	R-axis	320kg·m²
	B-axis	320kg·m²
	T-axis	200kg·m²
Mass		1300kg
Protection rating	Body:IP54	Wrist:IP67
Mounting method		Floor-mounted
Ambient conditions	Temperature	0°C - +45°C
	Humidity	20%RH - 80%RH (Non-condensing)
	Vibration acceleration	4.9m/s² (0.5G) or less
	Altitude	1000m or less
	Flatness for installation	0.5mm or less
	Others	•Free from dirt, dust, oil soot or water. •Free from explosive and corrosive gas or liquid. •Free from excessive electrical noise (plasma). •Free from strong magnetic fields.
Power requirement (*3)		5.0KVA
Applicable controller		YRC1000

*1 Repeatability conforms to ISO 9283.
 *2 The maximum speed in this table is the available maximum value and will vary depending on the load, posture, or range of motion.
 *3 The power requirement value is obtained using YASKAWA's in-house measurement conditions and will vary depending on the load, motion pattern, or cycle time.
 *4 The posture in this drawing is in the home position.

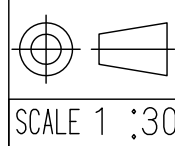
Units:mm

Type	Specification
YR-1-06VXL215-E00	Standard



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 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-GP215L
 DIMENSION DIAGRAM

DRWN DATE Dec.15.' 25
 DWG.NO. HW2381423
 SIZE A 3