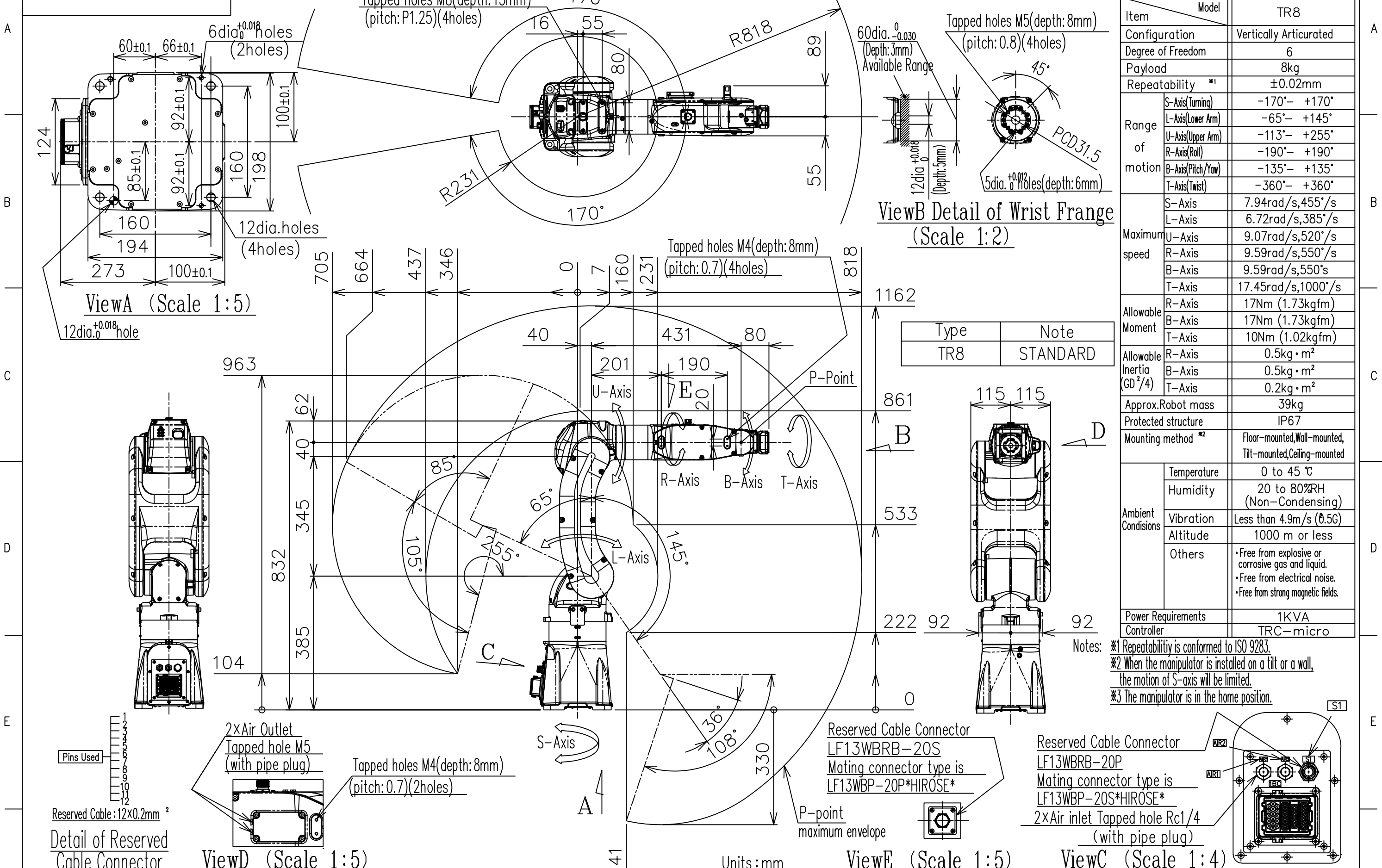


DWG.NO.



Item	Model	TR8
Configuration		Vertically Articulated
Degree of Freedom		6
Payload		8kg
Repeatability *1		±0.02mm
Range of motion	S-Axis (Turning)	-170°~ +170°
	L-Axis (Lower Arm)	-65°~ +145°
	U-Axis (Upper Arm)	-113°~ +255°
	R-Axis (Roll)	-190°~ +190°
	B-Axis (Pitch/Yaw)	-135°~ +135°
Maximum speed	T-Axis (Twist)	-360°~ +360°
	S-Axis	7.94rad/s, 455°/s
	L-Axis	6.72rad/s, 385°/s
	U-Axis	9.07rad/s, 520°/s
	R-Axis	9.59rad/s, 550°/s
Allowable Moment	B-Axis	9.59rad/s, 550°/s
	T-Axis	17.45rad/s, 1000°/s
	R-Axis	17Nm (1.73kgfm)
Allowable Inertia (GD ² /4)	B-Axis	17Nm (1.73kgfm)
	T-Axis	10Nm (1.02kgfm)
	R-Axis	10Nm (1.02kgfm)
Approx. Robot mass		39kg
Protected structure		IP67
Ambient Conditions	Temperature	0 to 45 °C
	Humidity	20 to 80%RH (Non-Condensing)
	Vibration	Less than 4.9m/s (0.5G)
	Altitude	1000 m or less
Power Requirements	Controller	1KVA TRC-micro
	Others	<ul style="list-style-type: none"> Free from explosive or corrosive gas and liquid. Free from electrical noise. Free from strong magnetic fields.

Type	Note
TR8	STANDARD

Notes: *1 Repeatability is conformed to ISO 9283.
 *2 When the manipulator is installed on a tilt or a wall, the motion of S-axis will be limited.
 *3 The manipulator is in the home position.