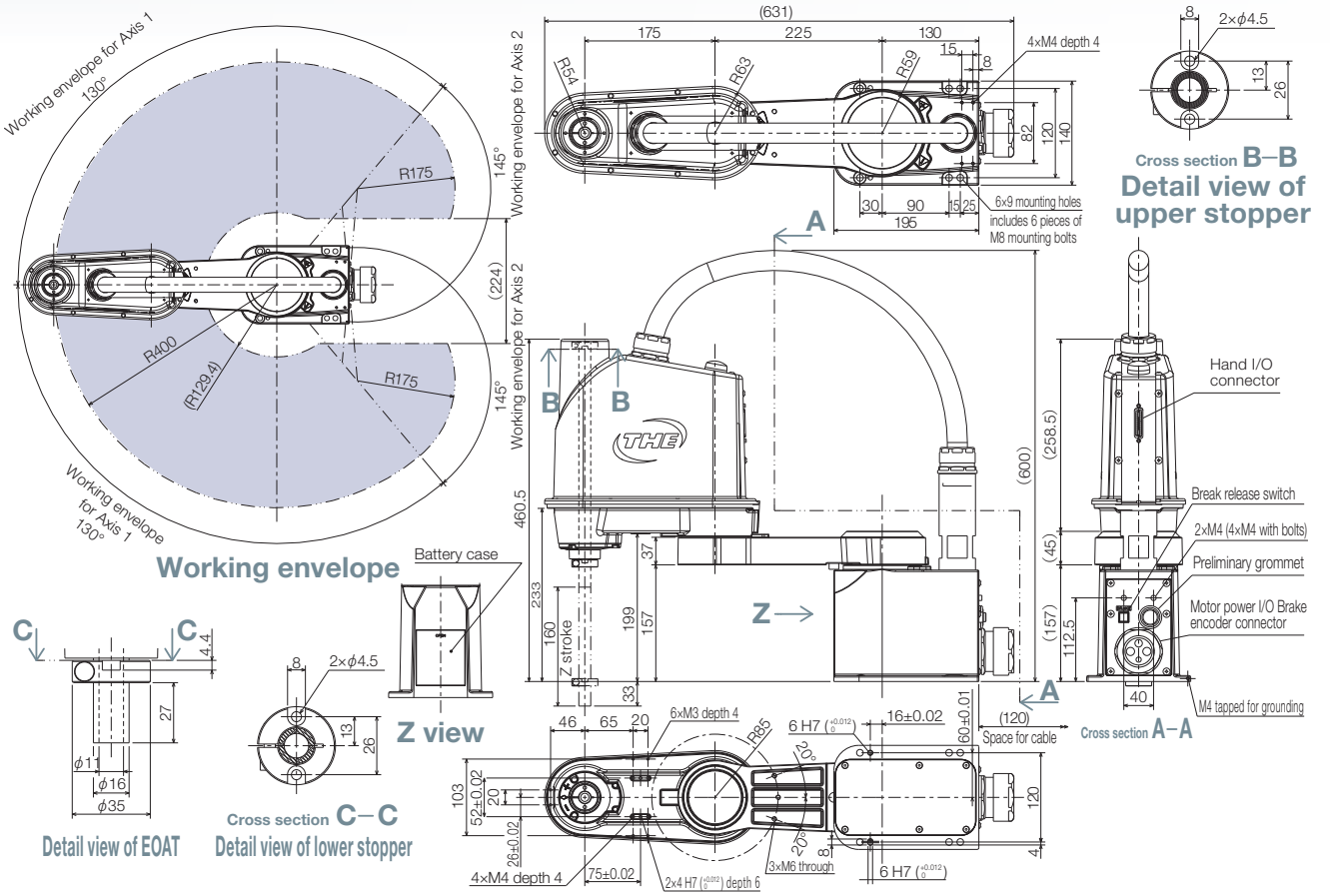
THE400

Model		THE400
Arm length (1st Arm + 2nd Arm)		400 mm (225 mm+175 mm)
Working envelope	Axis 1	±130 deg
	Axis 2	±145 deg
	Axis 3 (Axis Z)	0~160 mm
	Axis 4 (Axis C)	±360 deg
Maximum speed	Axis 1	672 deg/sec
	Axis 2	780 deg/sec
	Axis 3 (Axis Z)	1120 mm/sec
	Axis 4 (Axis C)	1800 deg/sec
	Composite (Axis 1 and 2 composite)	7000 mm/sec
Standard cycle time *1		0.39 sec (with 2 kg load)
Maximum payload mass *2		5 kg (rated 1 kg)
Allowable moment of inertia *2		0.06 kg·m^2
Positioning repeatability *3	X-Y	±0.01 mm
	Axis Z (Axis 3)	±0.01 mm
	Axis C (Axis 4)	±0.007 deg
Hand wiring		8 inputs and 8 outputs
Hand pneumatic joint		Provided by user
Robot controller cable		3.5 m
Power supply		2.6 kVA
Mass		15 kg
Connectable controller		TSL3000, TSL3000E, TS5000-SS, TS5000-EMS

For *1 to *3, please see page 8.

External View