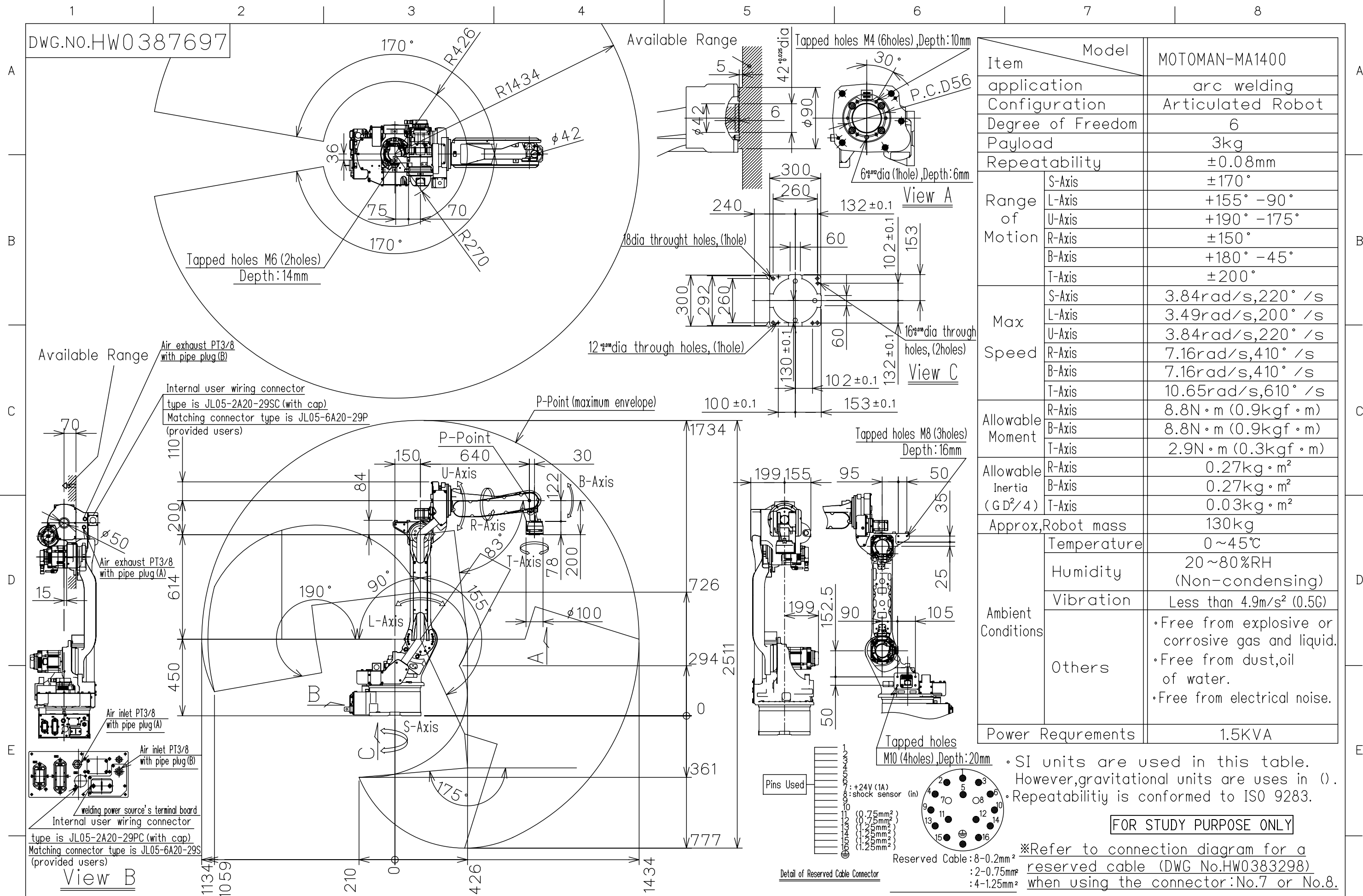


DWG.NO.HW0387697



Item	Model	MOTOMAN-MA1400
application		arc welding
Configuration		Articulated Robot
Degree of Freedom		6
Payload		3kg
Repeatability		±0.08mm
Range of Motion	S-Axis	±170°
	L-Axis	+155° -90°
	U-Axis	+190° -175°
	R-Axis	±150°
	B-Axis	+180° -45°
Max Speed	S-Axis	3.84rad/s, 220° /s
	L-Axis	3.49rad/s, 200° /s
	U-Axis	3.84rad/s, 220° /s
	R-Axis	7.16rad/s, 410° /s
	B-Axis	7.16rad/s, 410° /s
Allowable Moment	T-Axis	10.65rad/s, 610° /s
	R-Axis	8.8N·m (0.9kgf·m)
	B-Axis	8.8N·m (0.9kgf·m)
Allowable Inertia (GD ² /4)	T-Axis	2.9N·m (0.3kgf·m)
	R-Axis	0.27kg·m ²
	B-Axis	0.27kg·m ²
Approx. Robot mass		130kg
Ambient Conditions	Temperature	0~45°C
	Humidity	20~80%RH (Non-condensing)
	Vibration	Less than 4.9m/s ² (0.5G)
	Others	<ul style="list-style-type: none"> Free from explosive or corrosive gas and liquid. Free from dust, oil of water. Free from electrical noise.
Power Requirements		1.5KVA

• SI units are used in this table. However, gravitational units are used in ().
 • Repeatability is conformed to ISO 9283.

FOR STUDY PURPOSE ONLY

※Refer to connection diagram for a reserved cable (DWG No.HW0383298) when using the connector: No.7 or No.8.

REVISIONS	SCALE 1:20	 YASKAWA 株式会社 安川電機	作図 DRAW.	TITLE MOTOMAN-MA1400 DIMENSION DIAGRAM	DWG.NO. HW0387697	REV. ◇
			検査 CHECK.			
1			承認 APPR.			