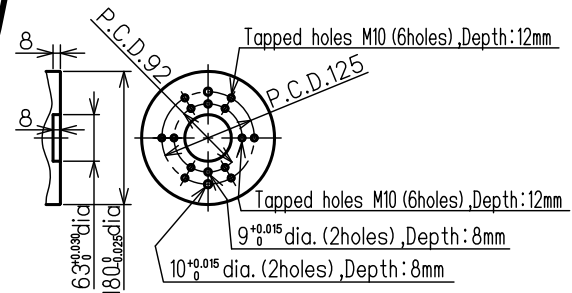
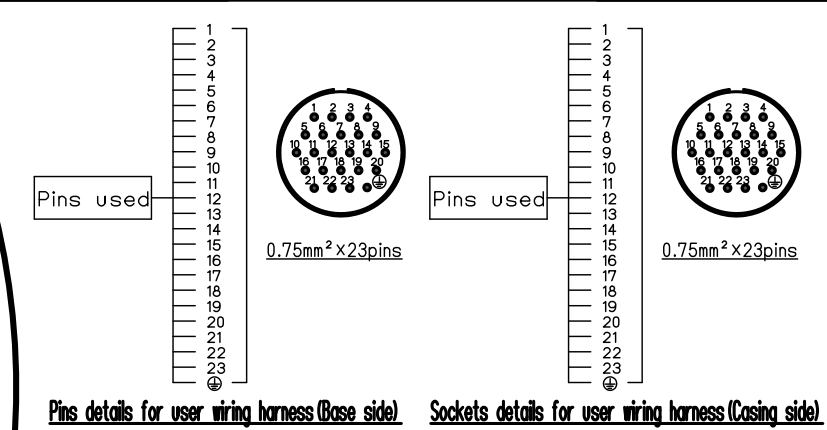
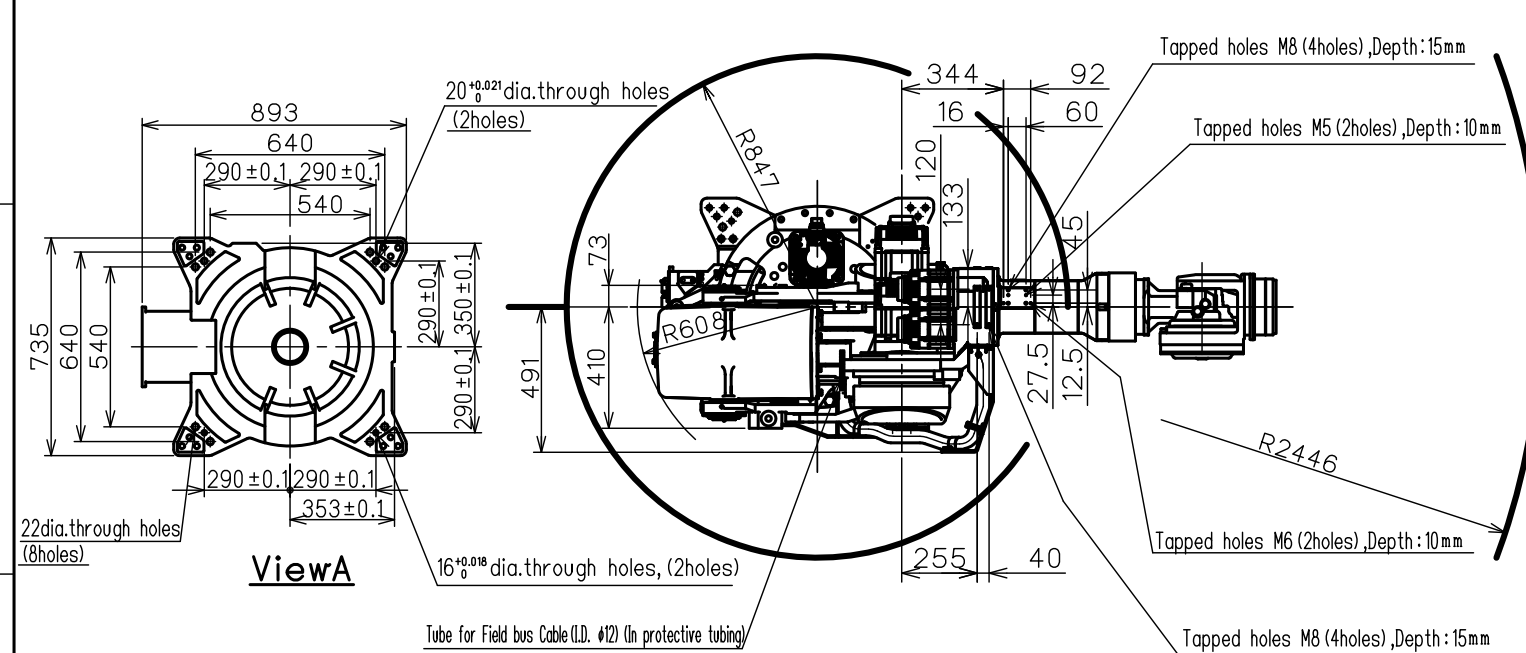
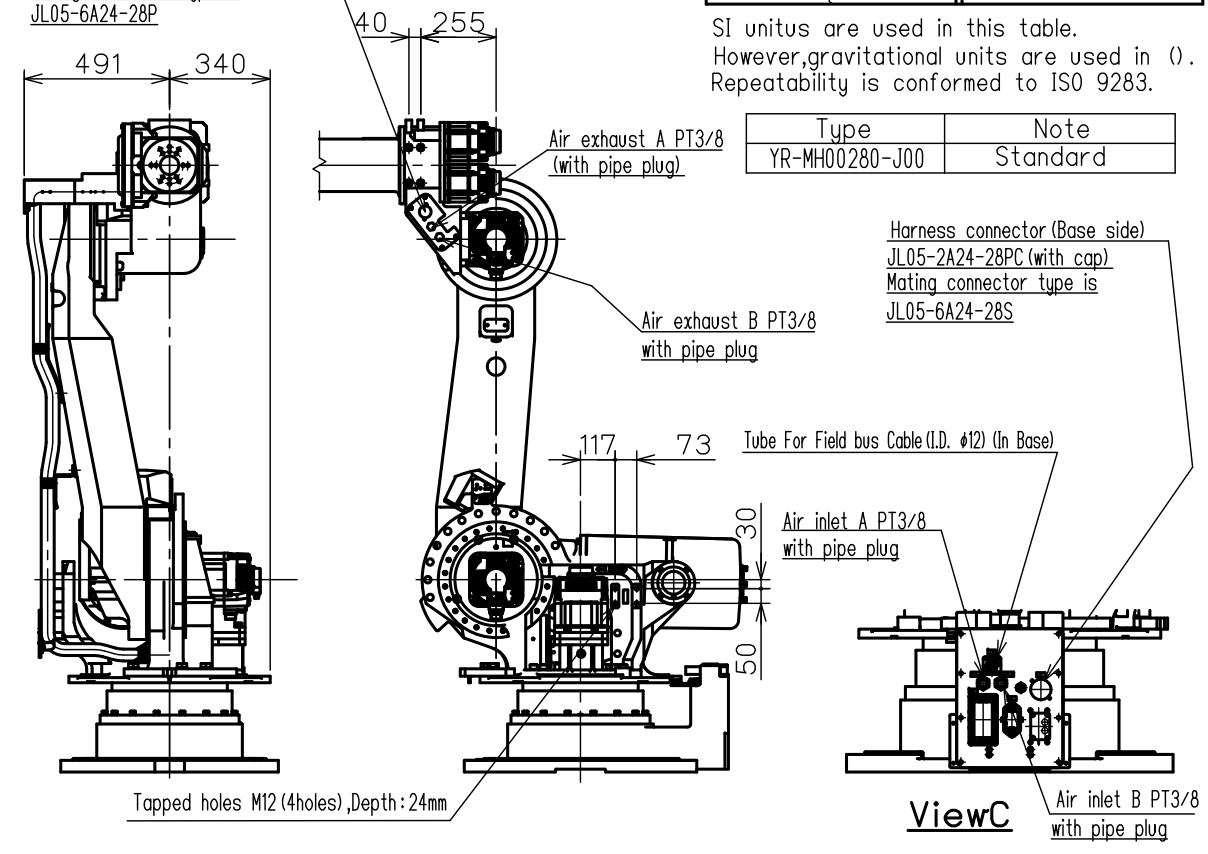


DWG.NO. HW1383518



View B (Scale 1:10)

Harness connector (Casing side)
JL05-2A24-28SC (with cap)
Mating connector type is
JL05-6A24-28P



View C

FOR STUDY PURPOSE ONLY

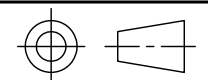
Item	Model	MOTOMAN-MH280II
Configuration		Articulated Robot
Degree of Freedom		6
Payload		280 kg
Repeatability		± 0.2 mm
Range of Motion	S-Axis (Turning)	$-180^{\circ} \sim +180^{\circ}$
	L-Axis (Lower Arm)	$-60^{\circ} \sim +76^{\circ}$
	U-Axis (Upper Arm)	$-142.5^{\circ} \sim +230^{\circ}$
	R-Axis (Roll)	$-360^{\circ} \sim +360^{\circ}$
	B-Axis (Pitch/Yaw)	$-125^{\circ} \sim +125^{\circ}$
Max Speed	T-Axis (Twist)	$-360^{\circ} \sim +360^{\circ}$
	S-Axis	1.57rad/s, 90°/s
	L-Axis	1.39rad/s, 80°/s
	U-Axis	1.57rad/s, 90°/s
	R-Axis	2.01rad/s, 115°/s
Allowable Moment	B-Axis	1.92rad/s, 110°/s
	T-Axis	3.32 rad/s, 190°/s
	R-Axis	1333 N·m (136 kgf·m)
Allowable Inertia (GD ² /4)	B-Axis	1333 N·m (136 kgf·m)
	T-Axis	706 N·m (72 kgf·m)
	R-Axis	142 kg·m ²
Approx. Robot mass	B-Axis	142 kg·m ²
	T-Axis	79 kg·m ²
	R-Axis	79 kg·m ²
Ambient Conditions	Temperature	0 to +45°C
	Humidity	20 to 80%RH (Non-condensing)
	Vibration	Less than 4.9m/s ² (0.5G)
	Others	•Free from explosive or corrosive gas and liquid •Free from dust,oil, of water •Free from electorical noise
Power Requirements		5KVA

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

Type	Note
YR-MH00280-J00	Standard

Harness connector (Base side)
JL05-2A24-28PC (with cap)
Mating connector type is
JL05-6A24-28S

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.



YASKAWA

株式会社 安川電機

Reference Drawing

TITLE MOTOMAN-MH280 II
DIMENSION DIAGRAM

DWG.NO.

HW1383518

SIZE A 3