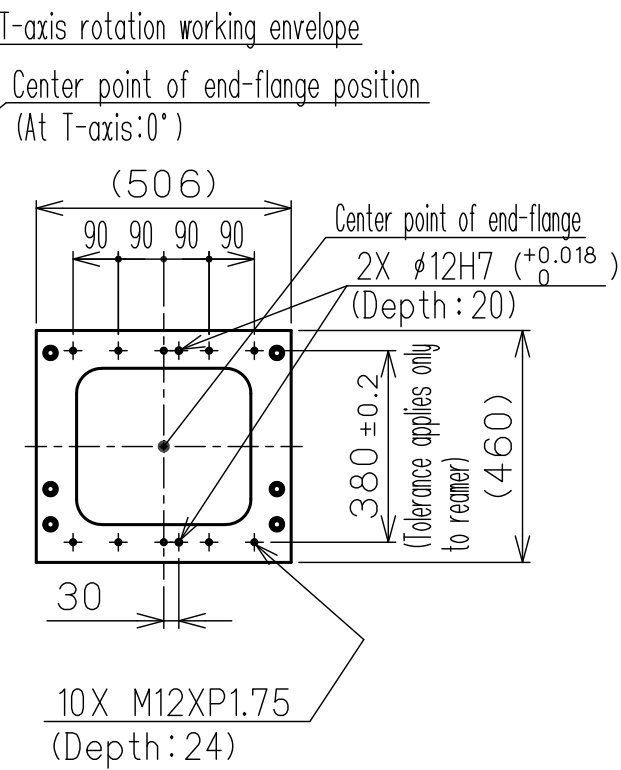
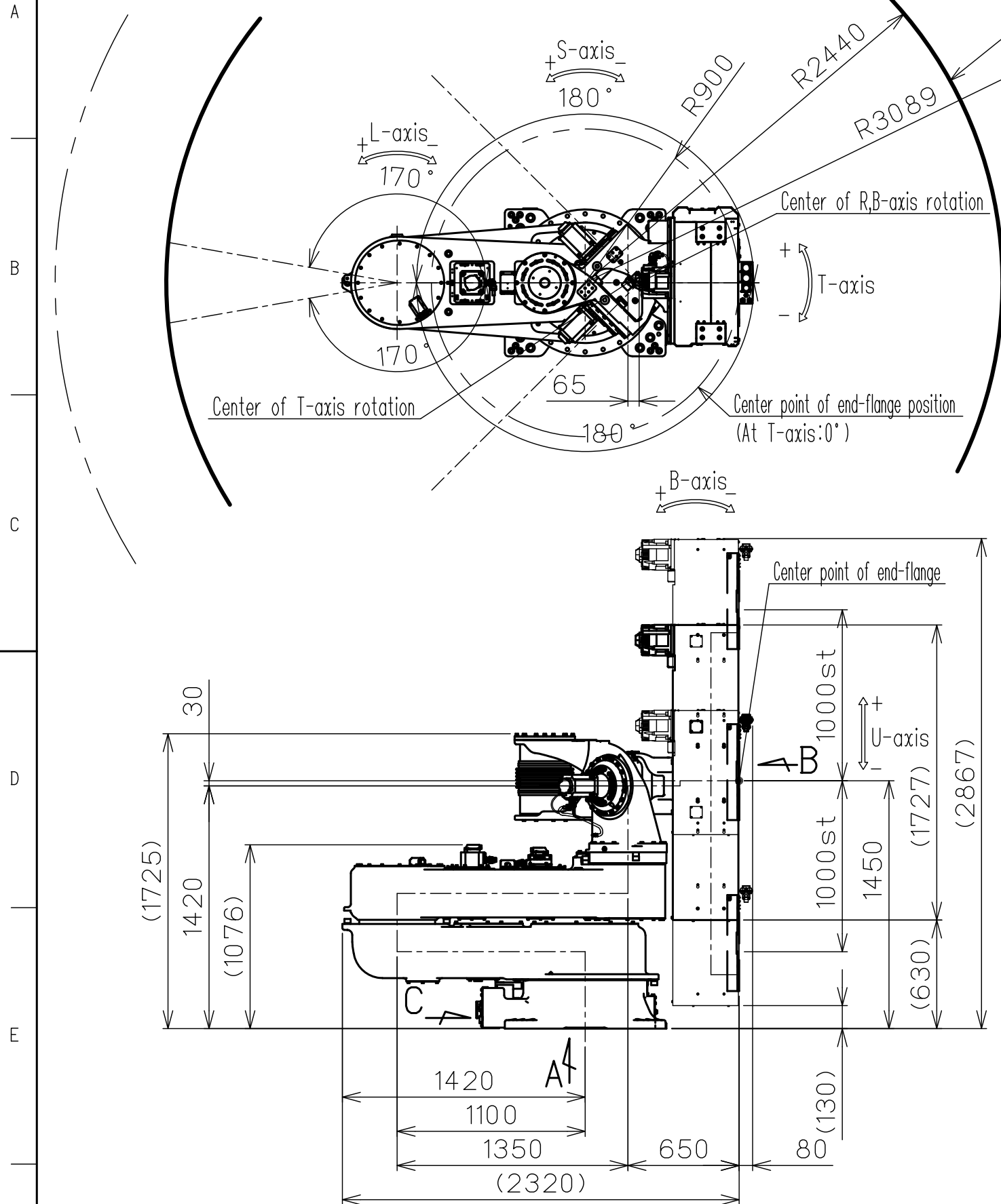
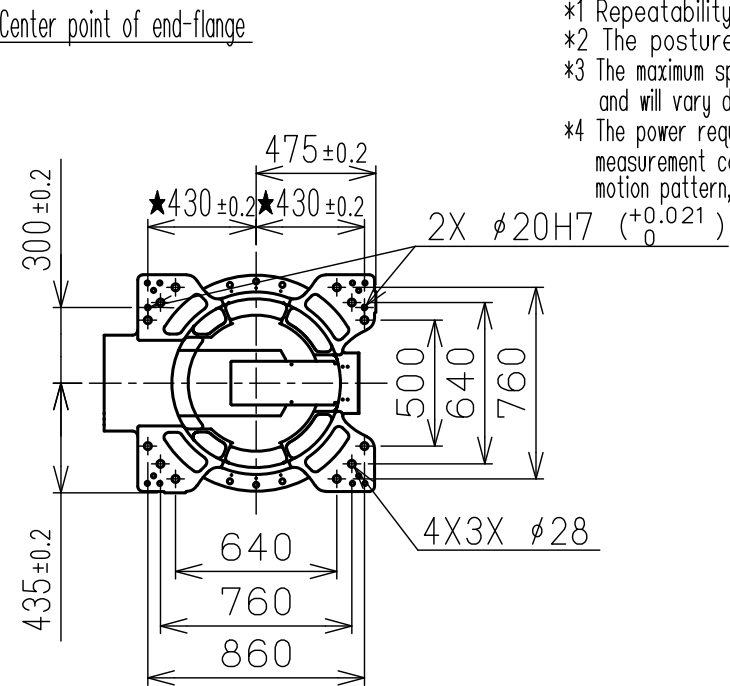
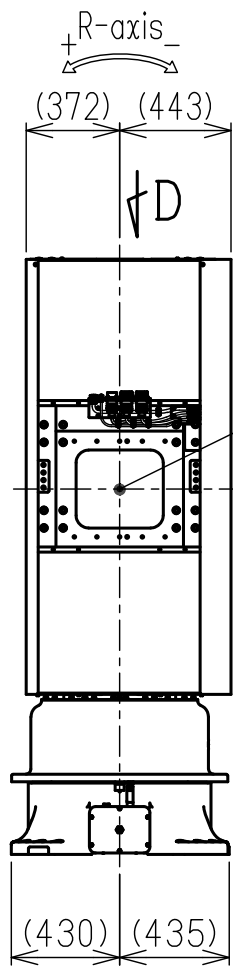


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View B (Scale 1:15)



★Apply the tolerance to reamed holes

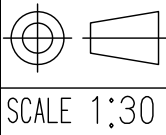
View A

Item		Model	MOTOMAN-ME1000
Configuration		Horizontally articulated	
Degree of freedom		6	
Payload		1000kg	
Repeatability (*1)		0.1 mm	
Range of motion	S-Axis	-180° - +180°	
	L-Axis	-170° - +170°	
	U-Axis	-1000mm - +1000mm	
	R-Axis	-5° - +5°	
	B-Axis	-3° - +5°	
Maximum speed (*3)	T-Axis	-90° - +90°	
	S-Axis	0.78 rad/s, 45°/s	
	L-Axis	1.04 rad/s, 60°/s	
	U-Axis	300mm/s	
	R-Axis	0.17 rad/s, 10°/s	
Allowable moment	B-Axis	0.17 rad/s, 10°/s	
	T-Axis	0.87 rad/s, 50°/s	
Allowable inertia (GD ² /4)	Center point of end-flange Z direction (Forward and backward direction)	9800N·m (1000kgf·m)	
	T-Axis	3320kg·m ²	
Mass		3250kg	
Mounting method		Floor-mounted	
Ambient conditions	Temperature	0°C - +45°C	
	Humidity	20%RH - 80%RH (No condensing)	
	Vibration acceleration	4.9m/s ² (0.5G) or less	
	Altitude	1000m or less	
	Flatness for installation	0.5mm or less	
Power requirement (*4)	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 field.	
	Applicable controller	YRC1000	

*1 Repeatability conforms to ISO 9283. Units: mm
*2 The posture in this drawing is in the home position.
*3 The maximum speed in this table is the available maximum value and will vary depending on the load, posture, or range of motion.
*4 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.

Note:
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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.

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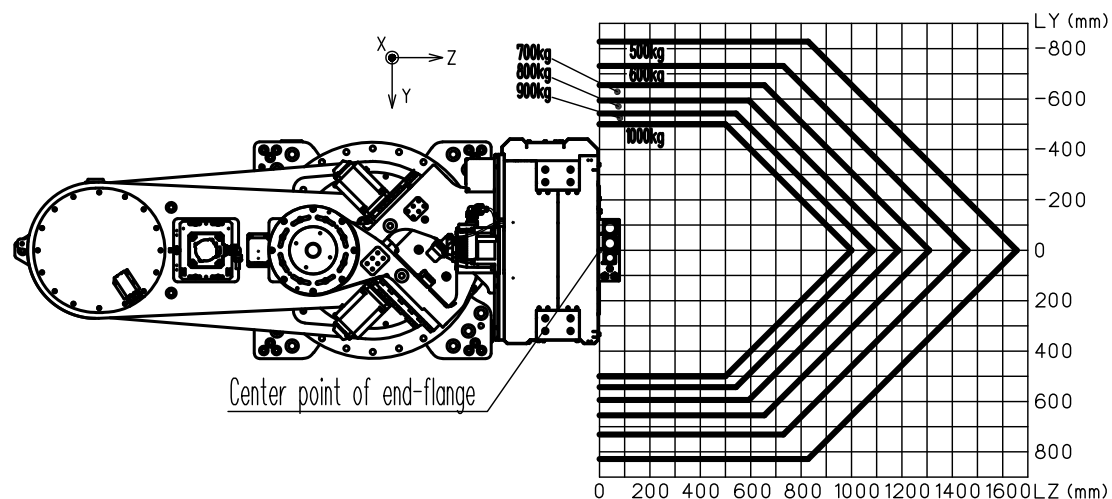
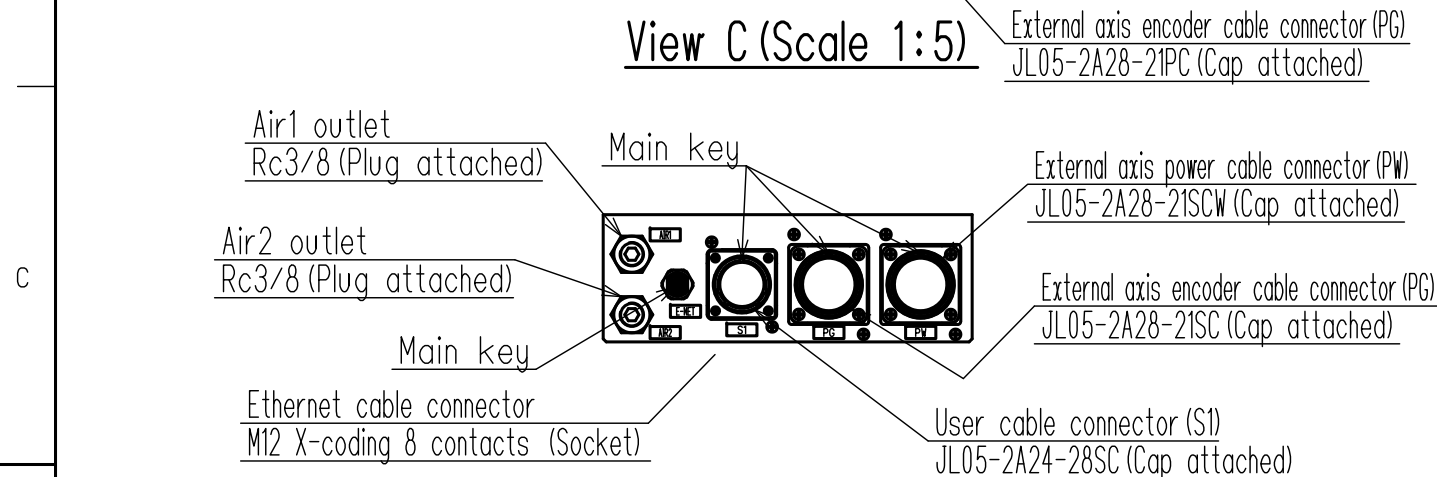
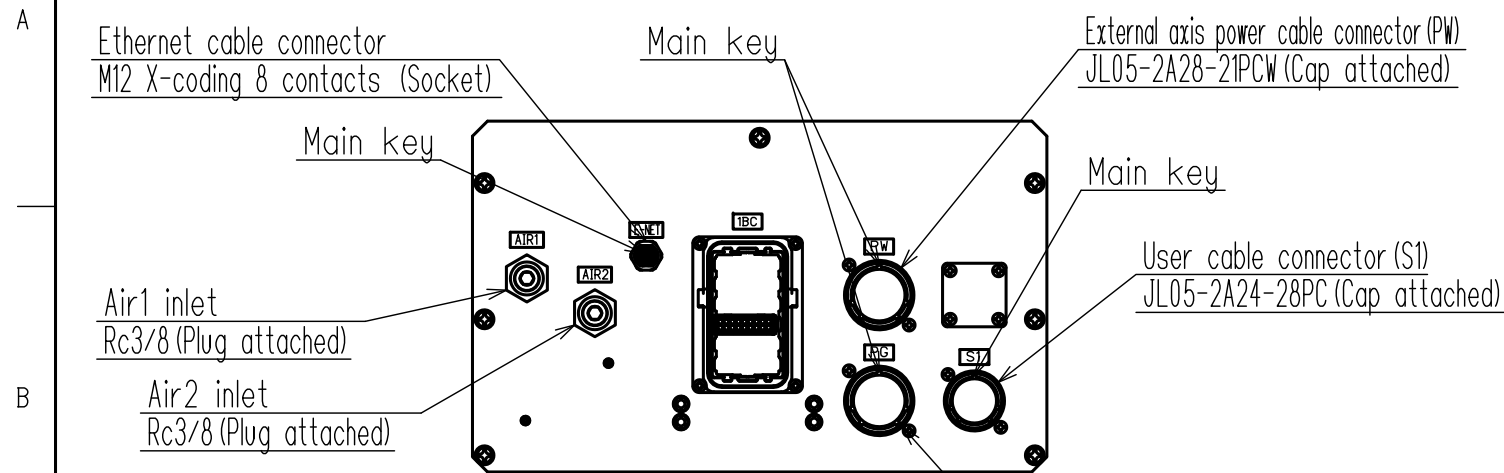
YASKAWA
株式会社 安川電機

Reference Drawing

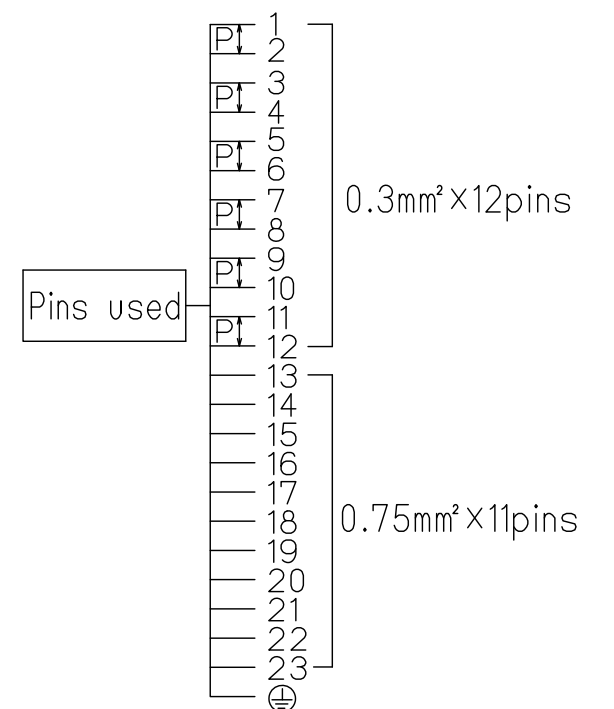
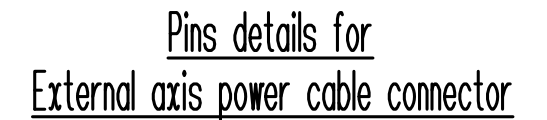
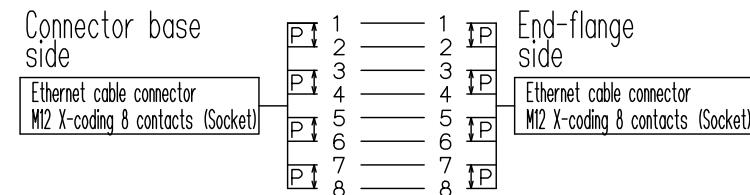
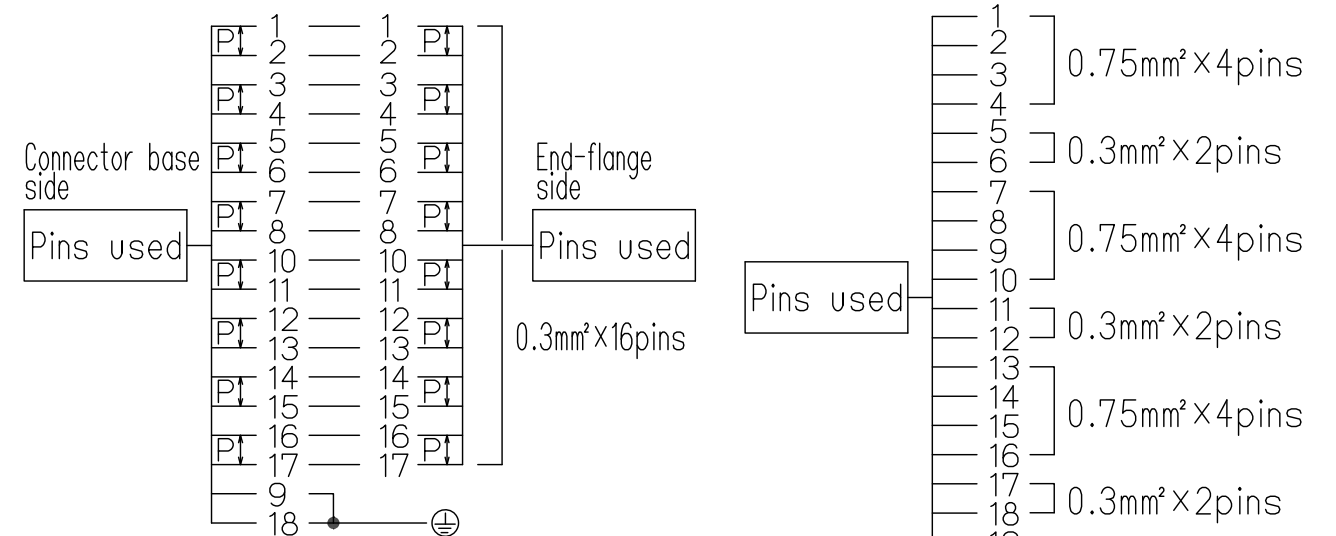
TITLE MOTOMAN-ME1000
DIMENSION DIAGRAM

DRWN DATE Nov.01.' 24
DWG.NO. HW2380986 1/2

SIZE A3



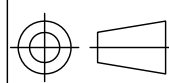
*Allowable range for X direction (Vertical direction) : ± 500 mm from center point of end-flange



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SCALE 1:30

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Reference Drawing

TITLE MOTOMAN-ME1000
DIMENSION DIAGRAM

DRWN DATE Nov.01.' 24
DWG.NO. HW2380986 $\frac{2}{2}$

SIZE A 3