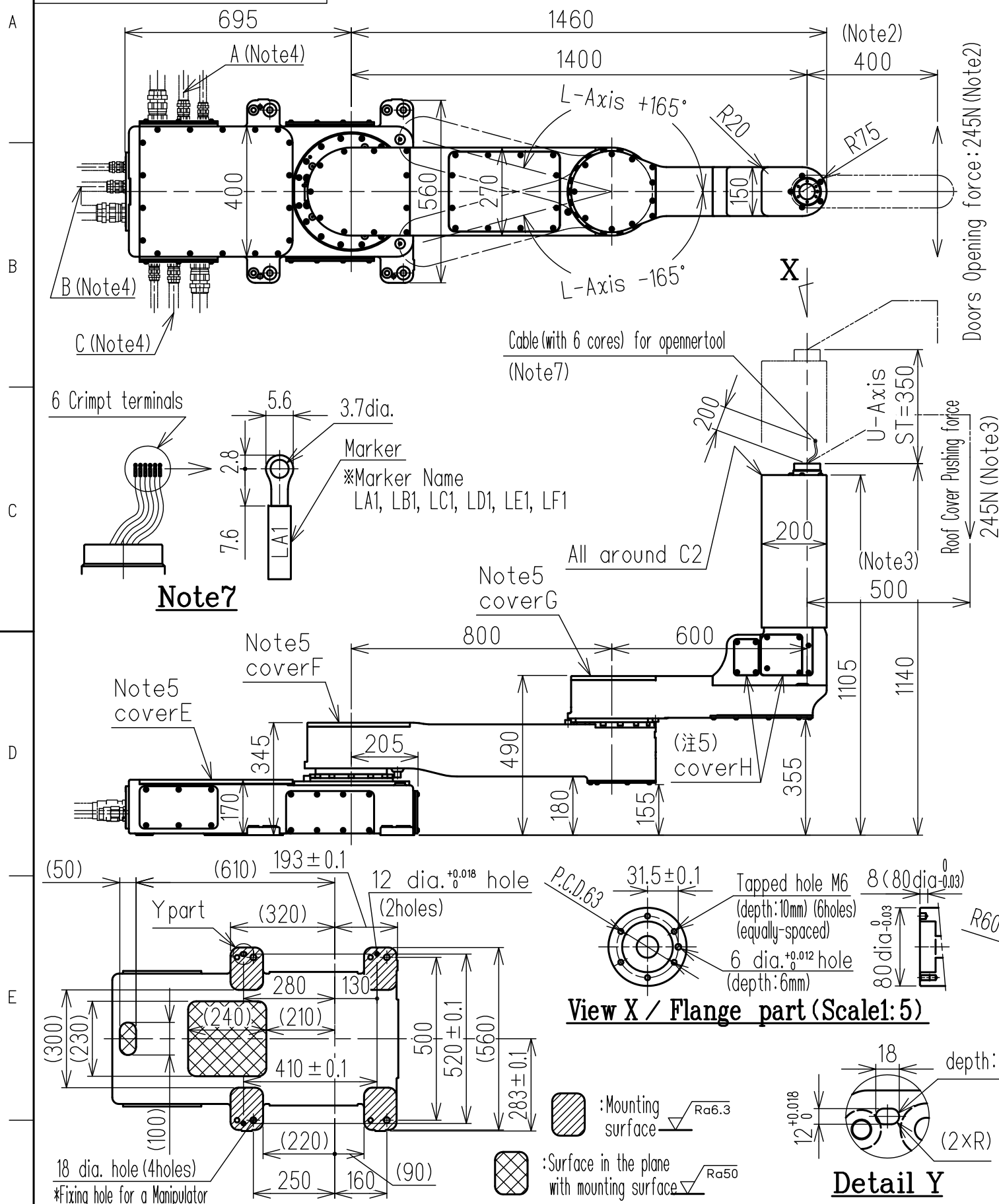
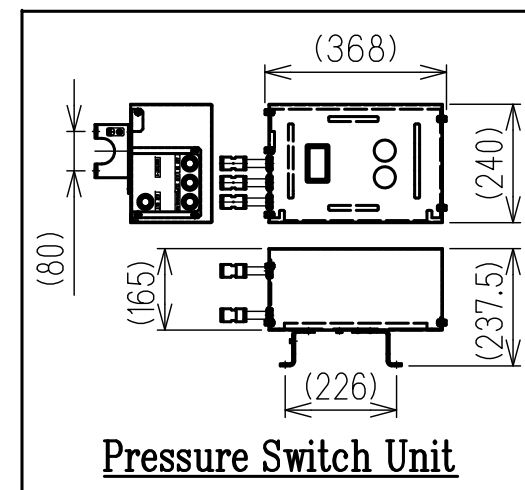


DWG.NO. HW1383751



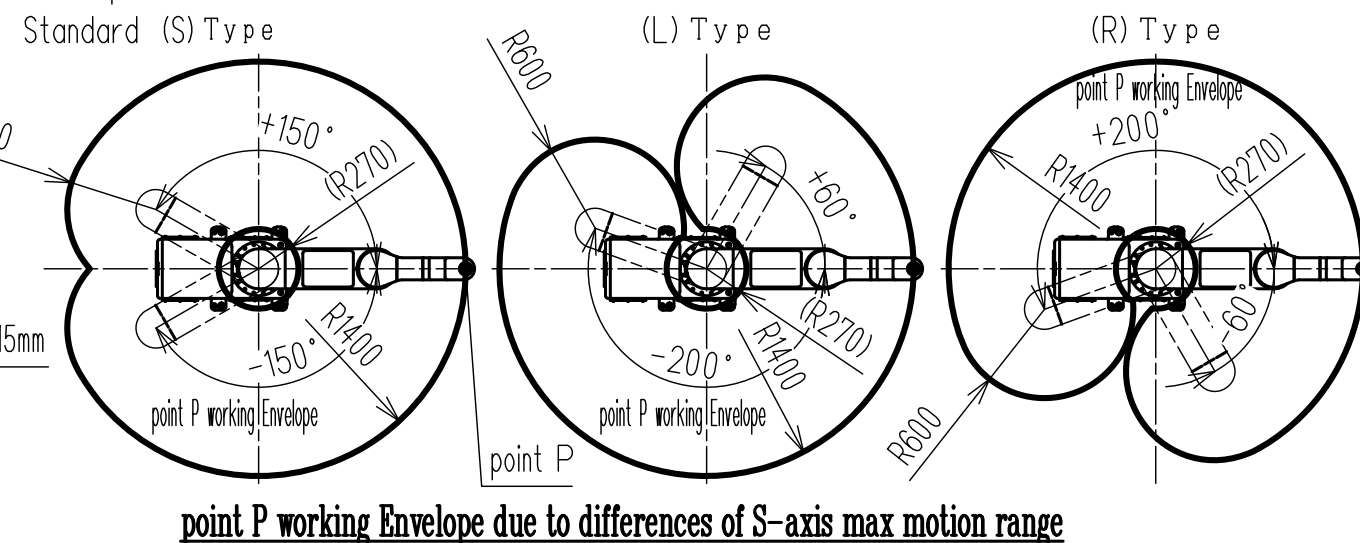
TYPE	Explosionproof authentication
YR-MP00010-A00	TIIS
YR-MP00010-B00	FM
YR-MP00010-C00	ATEX/CAT.2
YR-MP00010-E00	KCs



Note1 : Conformed to ISO 9283
 Note2 : The load point of the door opening and closing force is away from the U-axis 400mm.
 Note3 : The load point of roof cover pushing force is away from the U-axis 500mm.
 Note4 : Cable install Position is A or B or C.
 Note5 : Screws of covers are NOT sunk except cover E, F, G and H.
 Note6 : You can put The Pressure switch unit anywhere except a manipulator moving area.
 (The allowable length of air tubes between manipulator and pressure switch unit is 20 meters at a maximum.)

ITEM	MODEL	MOTOMAN-MP010
Degree of Freedom		3
Payload		10kg
Doors Opening force *2		245N (Note2)
Roof Cover Pushing force *3		245N (Note3)
Repetitive Positioning Accuracy *1		±0.15mm
Range of Motion	S-Axis	(S) Type -150° ~ +150° (L) Type -200° ~ +60° (R) Type -60° ~ +200°
	L-Axis	-165° ~ +165°
	U-Axis	0 ~ 350mm
Max Speed	S-Axis	2.27rad/s (130° /s)
	L-Axis	2.27rad/s (130° /s)
	U-Axis	500mm/s
Allowable Moment	opennertool (Converted value at flange)	27N·m (2.75kgf·m) <Gravity direction>
Allowable Inertia	opennertool (Converted value at flange)	1.00kg·m ²
Mass		about 350kg
Ambient Conditions	Temperature	0~40℃
	Humidity	20~80%RH (Non condensing)
	Vibration acceleration	4.9m/s ² (0.5G) or less
	Others	•Free from excessive electrical noise. •Wipe the manipulator with detergent when clean up it.

•SI units are used in this table.
 •However, gravitational unit is used in ().
 •Any specification not shown in this drawing can be fixed YASKAWA.



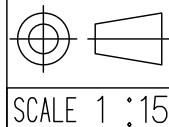
TITLE MOTOMAN-MP010
 DIMENSION DIAGRAM

DRWN DATE Dec.05.'14
 DWG.NO.

HW1383751

SIZE A3

FOR STUDY PURPOSE ONLY



YASKAWA
 株式会社 安川電機

Reference Drawing