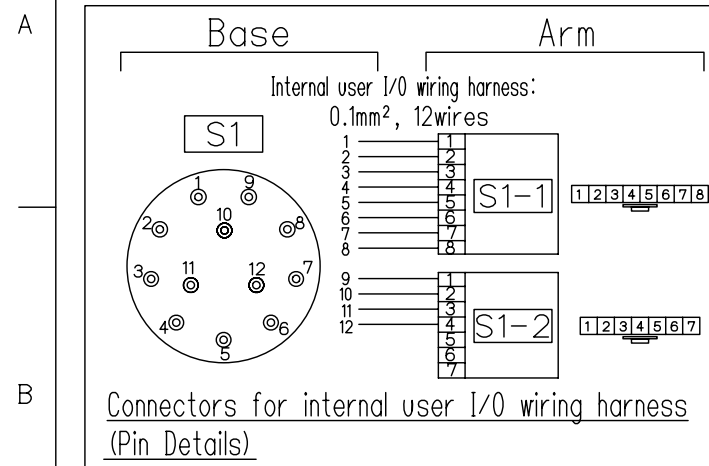


DWG.NO.HW0389842

This drawing is applicable with following type

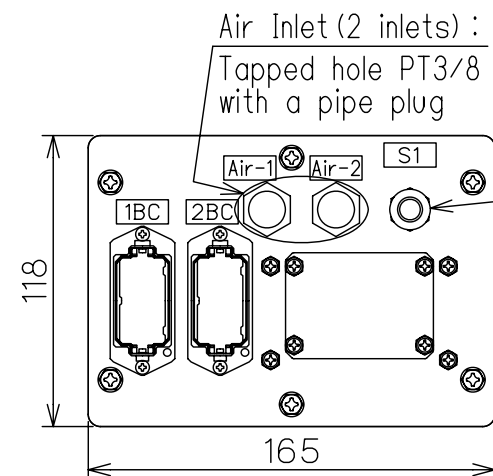
Type	Note
YR-SIA010D-A00	Standard

(Range where the dimension
80 dia. -0.019 is available)

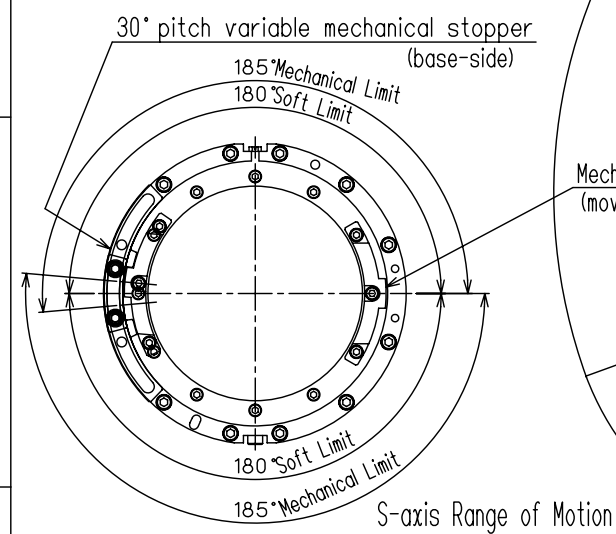


Connectors for internal user I/O wiring harness:
LF10WBRB-12P (Pin connector)

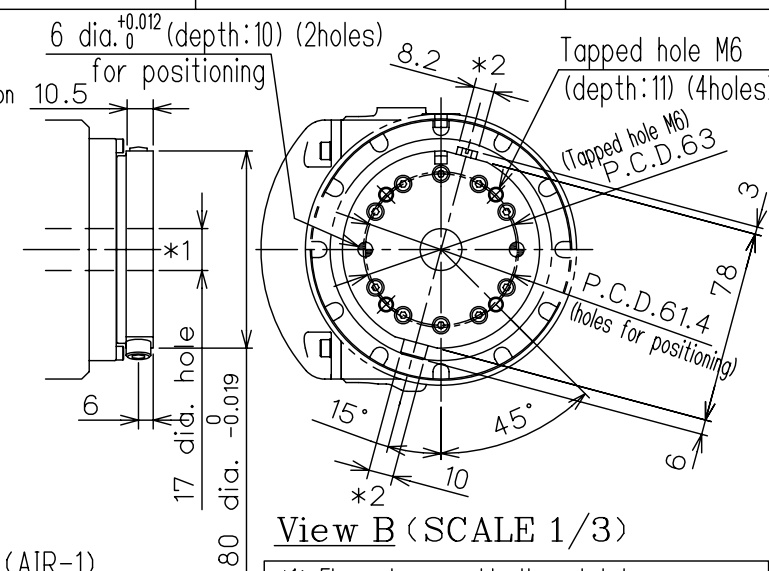
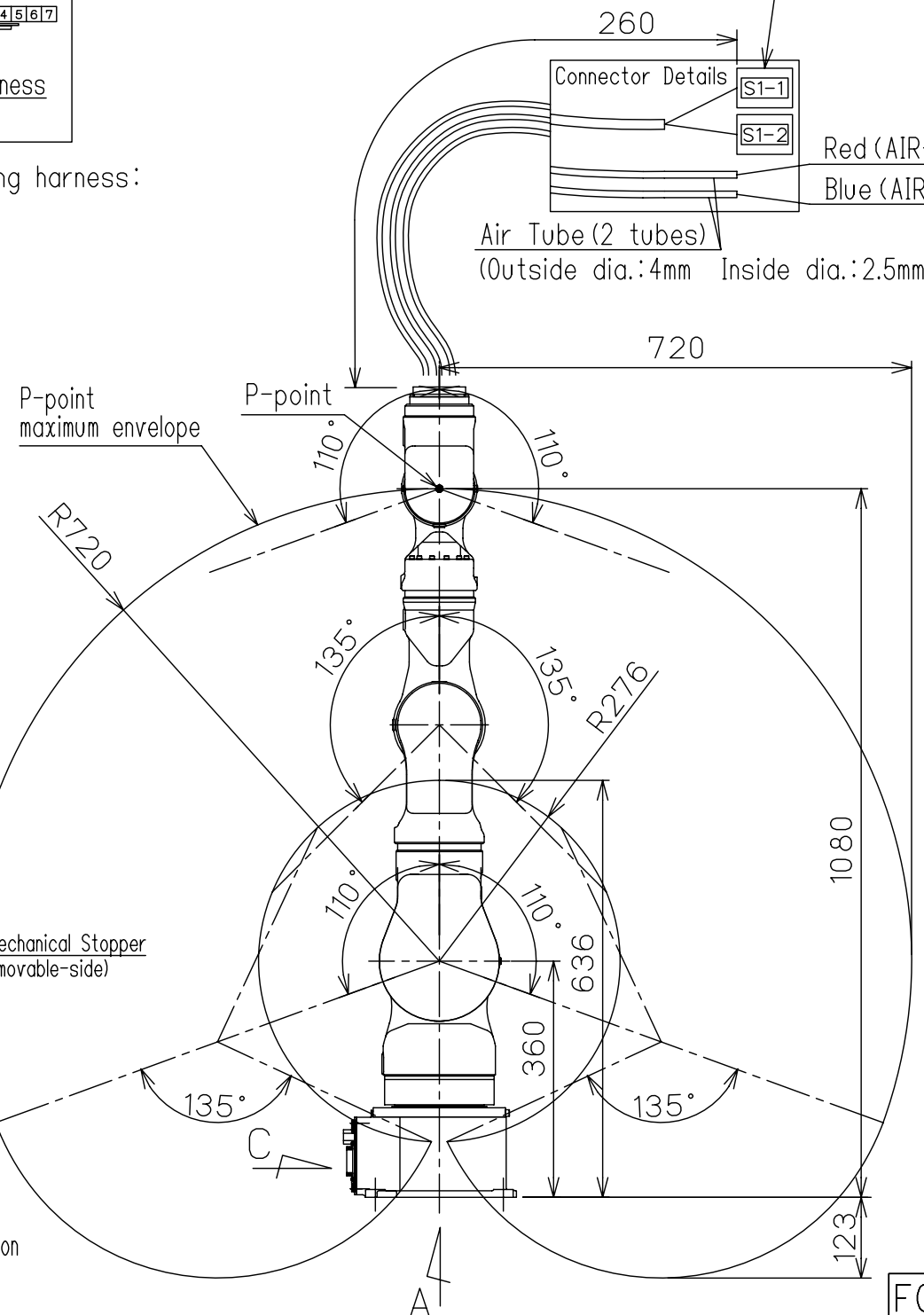
Prepare socket connector:
LF10WBP-12S*HIROSE*



View C (SCALE 1/3)

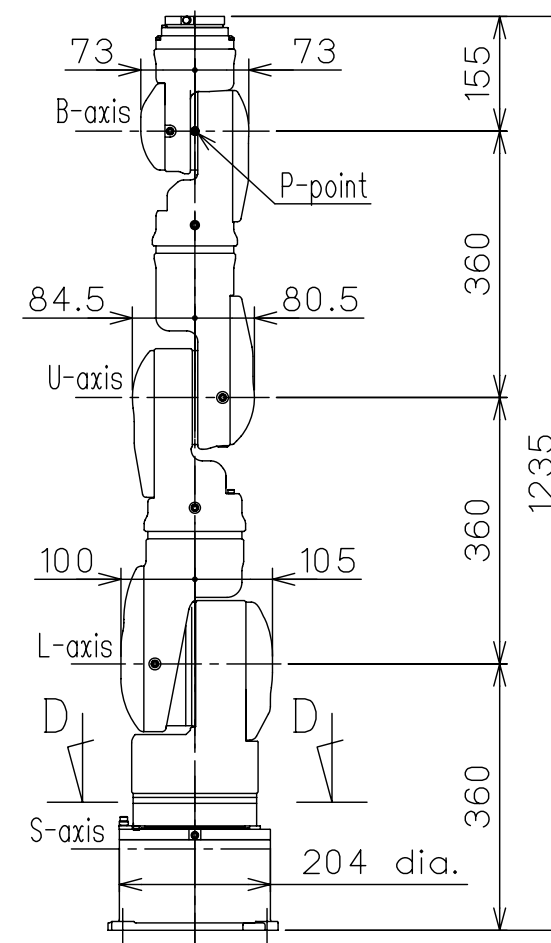


View D-D (SCALE 1/5)



*1: Flange has a cable through hole.
When mounting equipment such as an attachment,
ensure that no foreign objects including liquid,
oil, or dust go into the hole.

*2: When 80 dia. part is used, pay attention
to the screw & plug for T-axis grease
replenishment.

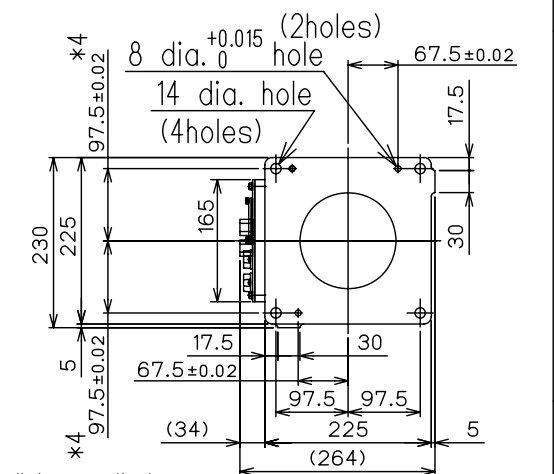


FOR STUDY PURPOSE ONLY


*4: Tolerance shall be applied only for $8 \text{ dia. }^{+0.015}_0$ hole

Model		MOTOMAN-SIA10D
Configuration		Vertically Articulated
Degree of Freedom		7 axes
Payload		10kg
Repetitive Positioning Accuracy*3		±0.1mm
Range of Motion	S-axis	±180°
	L-axis	±110°
	7th-axis	±170°
	U-axis	±135°
	R-axis	±180°
	B-axis	±110°
	T-axis	±180°
Maximum Speed	S-axis	2.97rad/s (170°/s)
	L-axis	2.97rad/s (170°/s)
	7th-axis	2.97rad/s (170°/s)
	U-axis	2.97rad/s (170°/s)
	R-axis	3.49rad/s (200°/s)
	B-axis	3.49rad/s (200°/s)
	T-axis	6.98rad/s (400°/s)
Allowable Moment	R-axis	31.4N・m (3.2kgf・m)
	B-axis	31.4N・m (3.2kgf・m)
	T-axis	19.6N・m (2.0kgf・m)
Allowable Inertia (GD ² /4)	R-axis	1.0kgf・m ²
	B-axis	1.0kgf・m ²
	T-axis	0.4kgf・m ²
Mass		60kg
Ambient Conditions	Temperature	0 to 40° C
	Humidity	20 to 80%RH at constant temperature
	Vibration acceleration	4.9m/s ² (0.5G) or less
	Others	<ul style="list-style-type: none"> Free from corrosive gas or liquid, or explosive gas Free from exposure to water, oil or dust Free from excessive electrical noise (plasma)
Power Capacity		1.5 kVA

SI units are used in this table.
However, gravitational unit is used in ().
*3: Conformed to ISO9283



View A

F	REVISED		 		 YASKAWA		作 図 DRAW.				TITLE MOTOMAN-SIA10D		DWG.NO.		REV.								
							検 査 CHECK.				DIMENSION DIAGRAM		HW0389842										
			SCALE 1 : 10		株式会社 安川電機		承認 APPR.																
1			2			3			4			5			6			7			8		