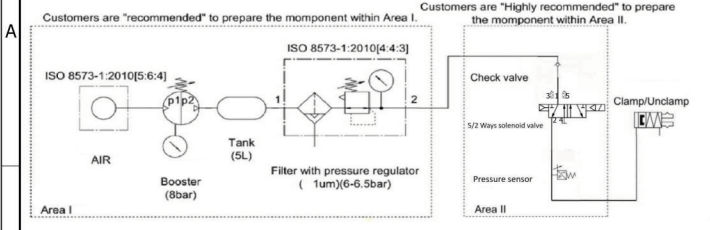


Clamp Circuit



Note:

- The clamp air. Internal Pressure Air must comply with following quality classes as per ISO 8573-1:2010[4:4:3]
- The accuracy is compensated.
- The military connector (Female) (MS3108A-20-4S)*1/ (MS3108A-20-29S)*1, cable clamp (MS3057-12A)*2

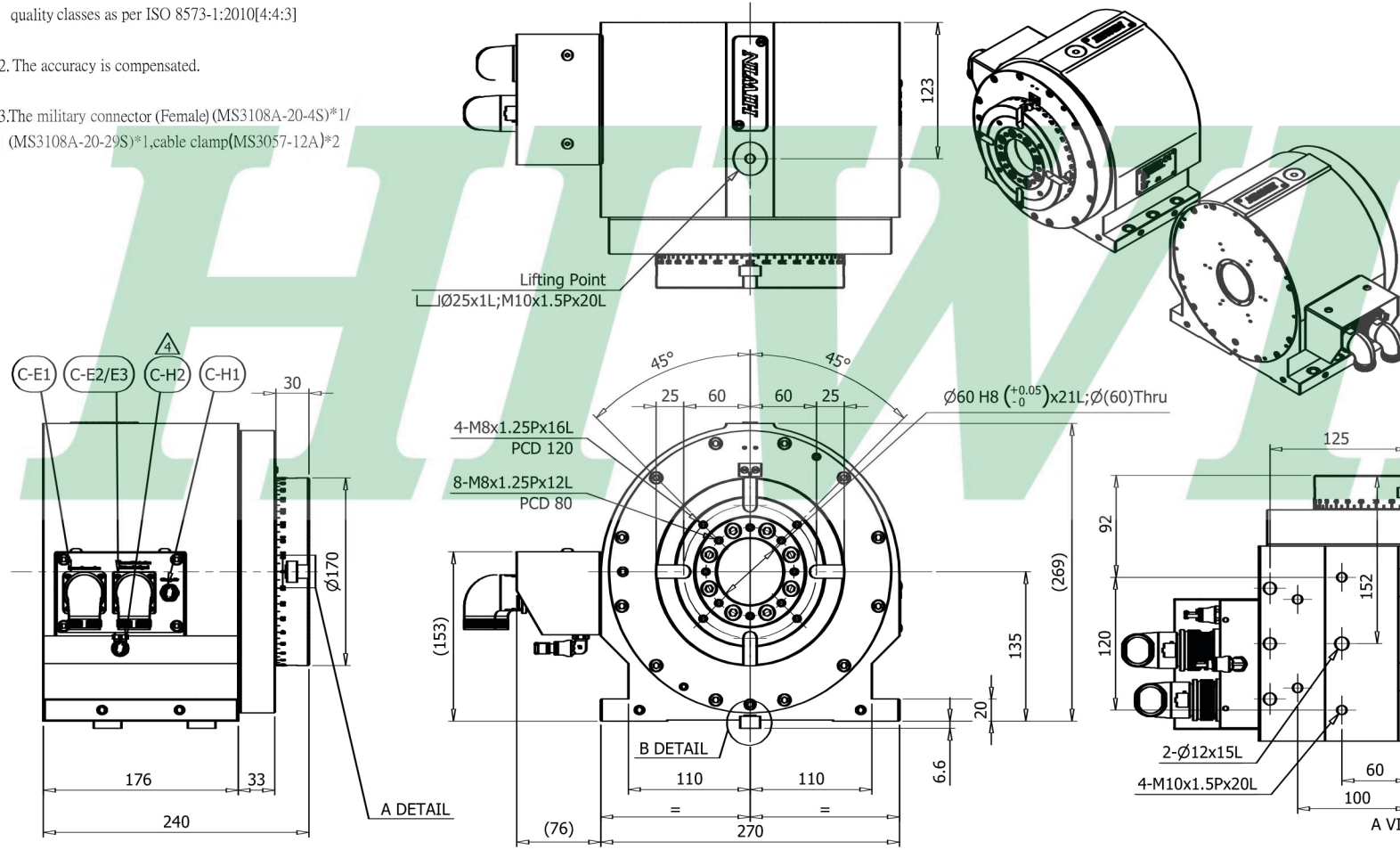


Circuit Specification-A

No.	Item	Spec.	Note
C-E1	Power connector	MS3100A-20-4P	*
C-E2	Temperature sensor connector	MS3100A20-29P	*
C-E3	Encoder Signal connector	MS3100A20-29P	*
C-H1	Clamp Air	ø8	p=6.3±0.2 bar (note 1)
C-H2	Internal Pressure Air	ø8	p=0.5 bar

RT Specification

Item	Spec.
Table Diameter(mm)	170
Center Height(mm)	135
T-slot Width(mm)	12H8
Torque Motor Type	TMR47
Continue power (W)	1021
Max. Speed (rpm)	150
Continue Torque (Nm)	65
Peak Torque (Nm)	188
Continue Current (A)	4
Peak Current (A)	12
Encoder	RENISHAW RA23F
Accuracy(arc-sec)	±5 (note2)
Repeatability(arc-sec)	4
Clamping Type	Pneumatic
Clamping Torque(Nm)	300
Net Weight(kg)	~60
Load Weight(kg)	30
Controller Support	Fanuc



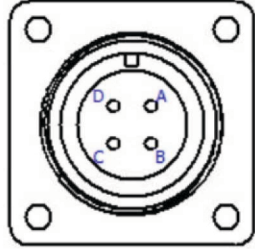
1	Rotary table
*	AS01072E
AS01072E	RCV-170

Modification	B4,D1 Section	Description	Check
		Record	

		mm					
UP	6	120	300	600	1200	2400	OVER 2400
TO	±0.05	±0.1	±0.2	±0.3	±0.4	±0.5	±0.8

E
1/2

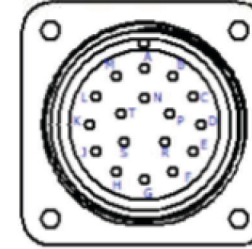
C-E1 for Rotary Axis TM Power Connector



MS3100A-20-4P
23A, 4P(3.5mm²), Male

PIN	Wire Markers	Color / Description
A	U	Black / U/L1
B	V	Black / V/L2
C	W	Black / W/L3
D	PE	Y/G / GND

C-E2/E3 for Rotary Axis TM Temperature and Encoder Connector

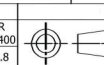


MS3100A-20-29P
13A, 17P(1.3mm²), Male

PIN	Wire Markers	Color/Description
A	PTC1+	Brown
B	PTC1-	White
C	PTC2+	Gray
D	PTC2-	Yellow
G	SD	Gray
H	SD*	Pink
J	REQ	Violet
K	REQ*	Yellow
L	5V	Brown
M	Spare	Spare
N	0V	White
P	0V	Green
R	Shield	Shield

1	Rotary table		
*	AS01072E		
AS01072E	RCV-170		

		mm					
UP	6	120	300	600	1200	2400	OVER
TO	6	120	300	600	1200	2400	2400
		±0.05	±0.1	±0.2	±0.3	±0.4	±0.5
							±0.8



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