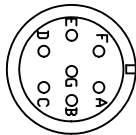
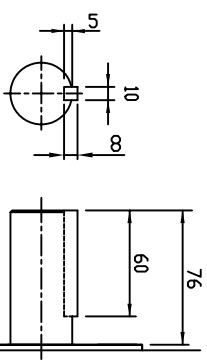


Technical drawing of a tapered roller bearing. The drawing includes a side view and a cross-sectional view of the inner ring with a keyway.

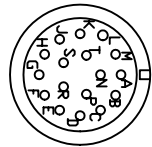
Dimensions and Labels:

- Outer Diameter:** 70
- Inner Diameter:** 32.5
- Width:** 14
- Keyway Depth:** 1.5
- Keyway Width:** 5
- Keyway Position:** 8.1 ± 0.1
- Keyway Angle:** 8°
- Keyway Type:** SEC. X-X'
- Keyway Taper:** Taper 1/10
- Keyway Material:** M10x1.25
- Keyway Hardness:** HRC 12.5
- Keyway Surface Finish:** Ra 0.03
- Keyway Roundness:** R0.03
- Keyway Chamfer:** R0.03
- Keyway Fillet:** R0.03
- Keyway Thread:** M10x1.25
- Keyway Thread Hardness:** HRC 12.5
- Keyway Thread Surface Finish:** Ra 0.03
- Keyway Thread Roundness:** R0.03
- Keyway Thread Fillet:** R0.03
- Keyway Thread Chamfer:** R0.03
- Keyway Thread Type:** SEC. X-X'
- Keyway Thread Taper:** Taper 1/10
- Keyway Thread Material:** M10x1.25
- Keyway Thread Hardness:** HRC 12.5
- Keyway Thread Surface Finish:** Ra 0.03
- Keyway Thread Roundness:** R0.03
- Keyway Thread Fillet:** R0.03
- Keyway Thread Chamfer:** R0.03



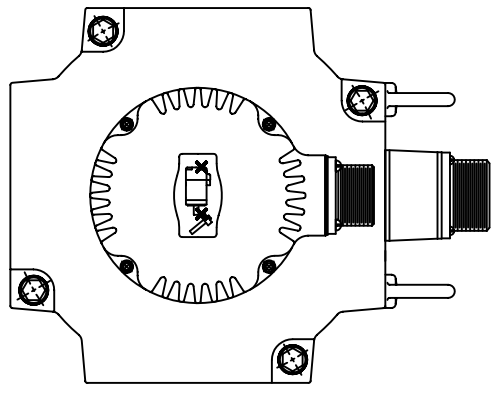
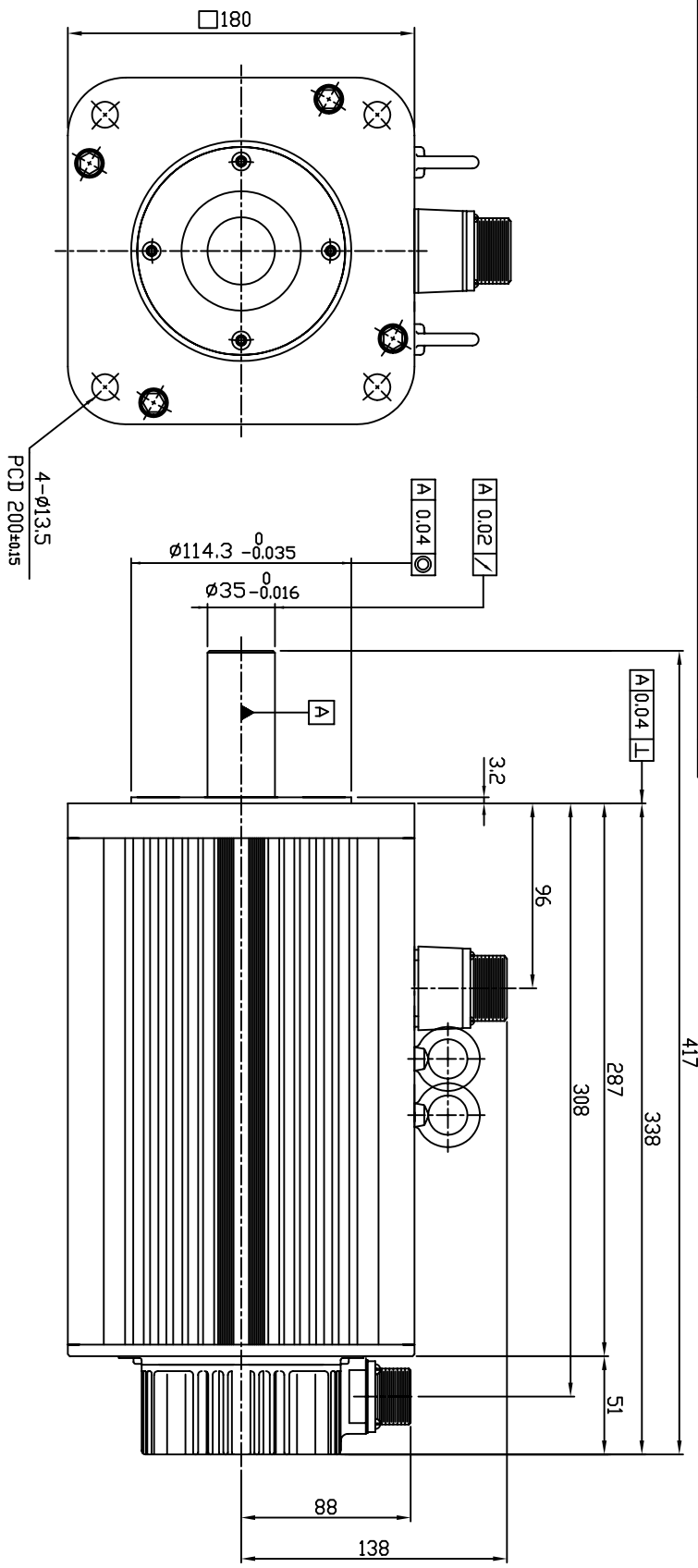
MS3102A24-10P
Motor Cable
Connector 접속도

Lead Wire 상표시	PIN 번호
U	A
V	B
W	C
Ground	D
Brake +	E
Brake -	F



MS3102A20-29P
Encoder Cable
Connector 접속도

Encoder 주소	PIN 번호	Encoder 주소	PIN 번호
A	A	U	K
A	B	U	L
B	C	V	M
B	D	V	N
Z	E	W	P
Z	F	W	R
00V1	G	SHIELD	J
+5V1	H		



1. 브레이크 전원은 DC90[V]를 사용할 것.
2. Taper Shaft 일때 전장 치수가 9.2mm 줄어들.
3. 중량 : 32.5Kg

산 각 법	단 위	mm	척 도	N / S	영	FMANKN55-AB10
계 도	설 계	검 도	승 인			
2008.05.21 JJSSEO		2008.05.21 IKKIM	2008.05.21 CCHOI		청	N180(BRAKE TYPE)
HIDEN					도 판	