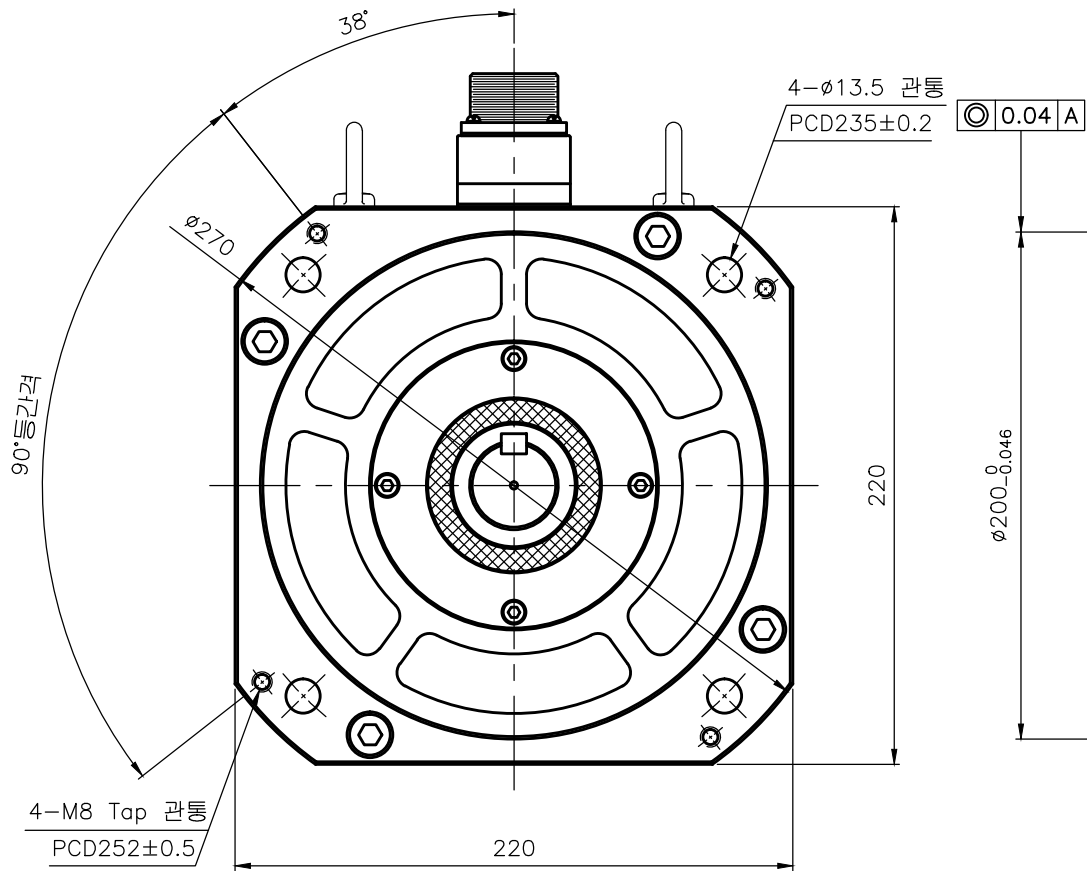


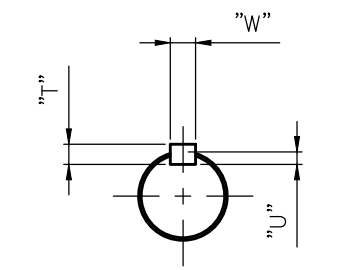
소 요 수 QTY				품 번 ITEM	품 명 DESCRIPTION	재 질 MATERIAL	규 격 SPECIFICATION	비 고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-FG22D/FG20G/FG12MMK3	Key, Brake, OilSeal Type
		1		02	Out Line		APM-FG35D/FG30G/FG20MMK3	Key, Brake, OilSeal Type
	1			03	Out Line		APM-FG55D/FG44G/FG30MMK3	Key, Brake, OilSeal Type
1				04	Out Line		APM-FG75D/FG60G/FG44MMK3	Key, Brake, OilSeal Type



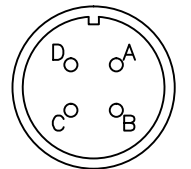
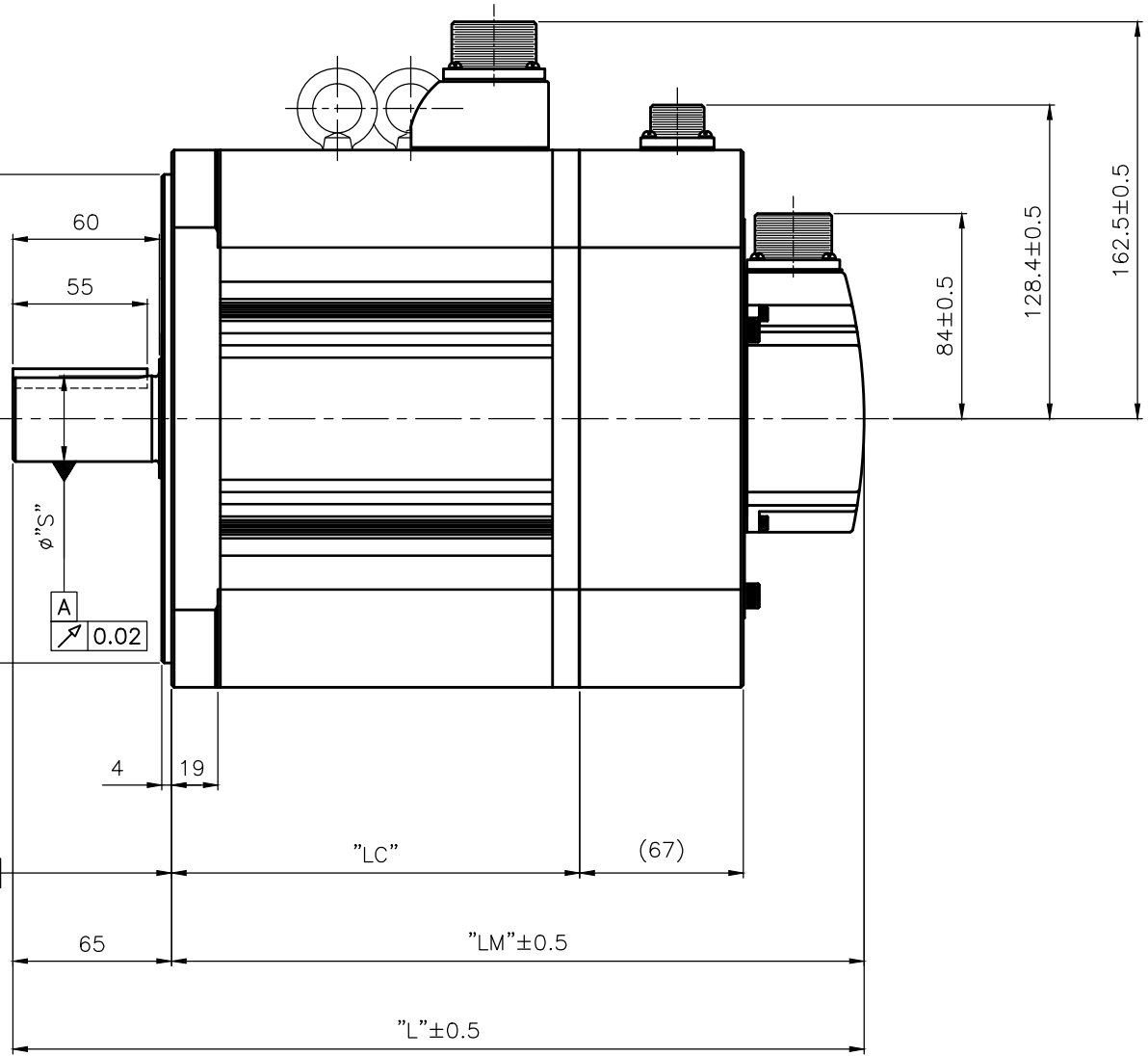
0.04 A

ø200<sub>-0.046</sub>

0.04 A



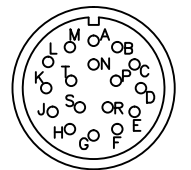
<Shaft Dimensions>



MS3102A22-22P  
(4 pole plug)

<Power Connector 핀 배열>

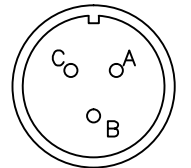
Pin No.	Phase
A	U
B	V
C	W
D	FG



MS3102A20-29P  
(17 pole plug)

<Encoder Connector 핀 배열>

Pin No.	Encoder Phase	Pin No.	Encoder Phase
A	MA	M	-
B	MA	N	-
C	SLO	P	-
D	SLO	R	-
E	VDD_B	H	+5V
F	GND_B	G	0V
K	-	J	SHIELD
L	-		



MS3102A14S-7P  
(3 pole plug)

<Brake Connector 핀 배열>

Pin No.	Phase
A	BK+
B	BK-
C	-

군 번	Part No.	모델명	외형치수				Key 치수			
			L	LM	LC	S	T	W	U	
G01	47161264	APM-FG22DMK3								
	47161271	APM-FG20GMK3	295.7	230.7	114.2	35 <sub>-0.016</sub>	8	10	5	
	47161286	APM-FG12MMK3								
G02	47161265	APM-FG35DMK3								
	47161272	APM-FG30GMK3	316.7	251.7	135.2	35 <sub>-0.016</sub>	8	10	5	
	47161287	APM-FG20MMK3								

군 번	Part No.	모델명	외형치수				Key 치수			
			L	LM	LC	S	T	W	U	
G03	47161266	APM-FG55DMK3								
	47161273	APM-FG44GMK3	348.7	283.7	167.2	35 <sub>-0.016</sub>	8	10	5	
	47161288	APM-FG30MMK3								
G04	47161267	APM-FG75DMK3								
	47161274	APM-FG60GMK3	370.7	305.7	189.2	42 <sub>-0.016</sub>	8	12	5	
	47161289	APM-FG44MMK3								

무지정 공차	
치수 구분	기본 공차
~3mm 이하	±0.10
3~6mm 이하	±0.12
6~10mm 이하	±0.15
10~18mm 이하	±0.18
18~30mm 이하	±0.21
30~50mm 이하	±0.25
50~80mm 이하	±0.30
80~120mm 이하	±0.35
120~180mm 이하	±0.40
180~250mm 이하	±0.46
250~315mm 이하	±0.52
315~400mm 이하	±0.57
400~500mm 이하	±0.63
500mm 초과	±0.70

개

CHANGE

개

LS Mecapion

3RD ANGLE PROJECTION

단 위

MM

설 계

DESIGNED

검 도

CHECKED

승 인

APPROVED

척 도

SCALE

1/1 (N.S)

2018.11.01

DATE

제 품 명

PRODUCT NAME

도면명칭

TITLE

도면번호

DWG. NO.

참조도면

REF. NO.

AP22 Servo Motor

Out Line (Key, Brake, OilSeal Type)

FM22GA007-1

Ver

1.0