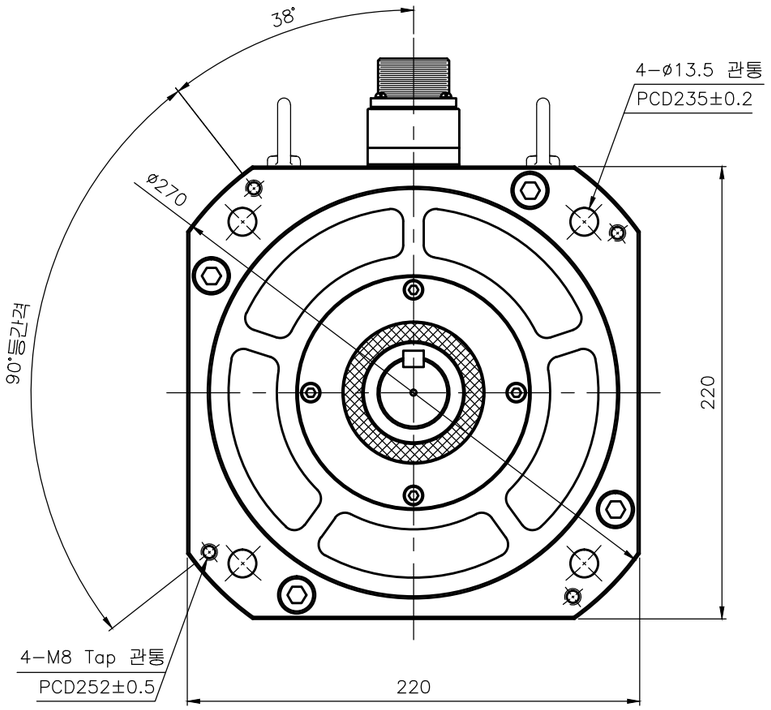
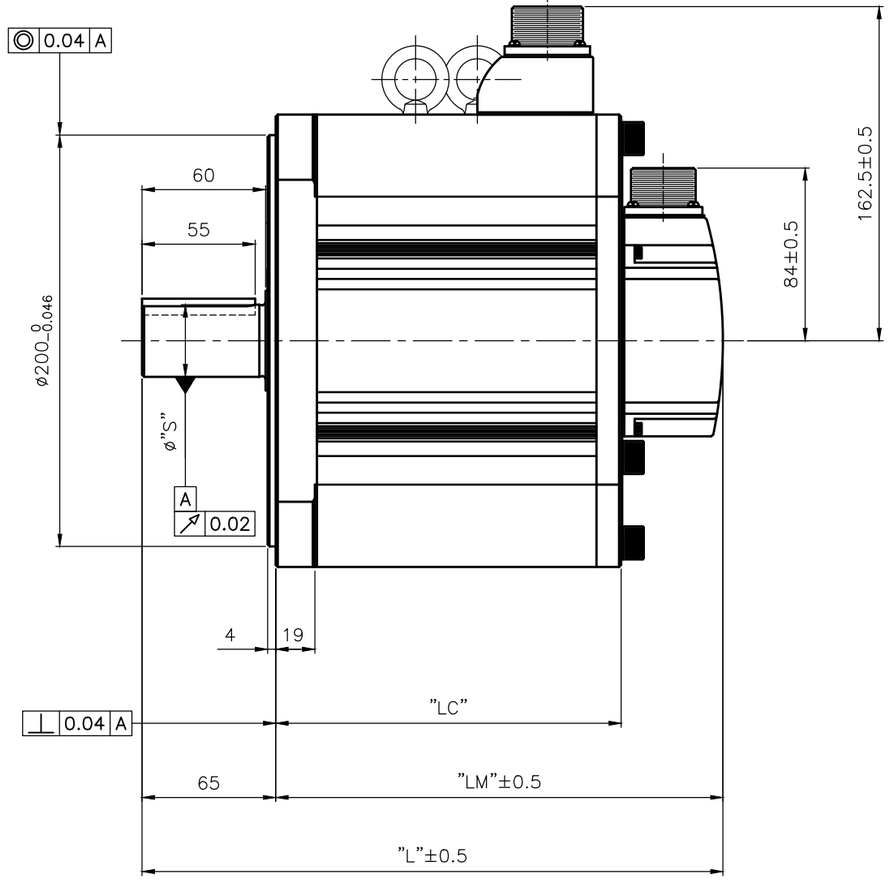
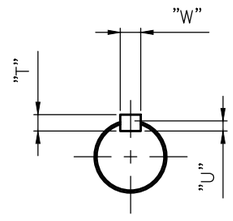
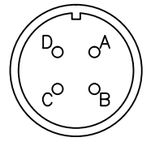
소요수 QTY				품번 ITEM	품명 DESCRIPTION	재질 MATERIAL	규격 SPECIFICATION	비고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-FG22D/FG20G/FG12MMK1	Key, OilSeal Type
		1		02	Out Line		APM-FG35D/FG30G/FG20MMK1	Key, OilSeal Type
	1			03	Out Line		APM-FG55D/FG44G/FG30MMK1	Key, OilSeal Type
1				04	Out Line		APM-FG75D/FG60G/FG44MMK1	Key, OilSeal Type







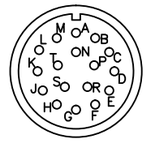
<Shaft Dimensions>



MS3102A22-22P
(4 pole plug)

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

<Power Connector 핀 배열>



MS3102A20-29P
(17 pole plug)

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

<Encoder Connector 핀 배열>

군 번	Part No.	모델명	외형치수 L	LM	LC	S	Key 치수 T	W	U
G01	47160533	APM-FG22DMK1	229.5	164.5	115	35 0 -0.016	8	10	5
	47160543	APM-FG20GMK1							
	47160554	APM-FG12MMK1							
G02	47160534	APM-FG35DMK1	250.5	185.5	136	35 0 -0.016	8	10	5
	47160544	APM-FG30GMK1							
	47160555	APM-FG20MMK1							

군 번	Part No.	모델명	외형치수 L	LM	LC	S	Key 치수 T	W	U
G03	47160535	APM-FG55DMK1	282.5	217.5	168	35 0 -0.016	8	10	5
	47160545	APM-FG44GMK1							
	47160556	APM-FG30MMK1							
G04	47160888	APM-FG75DMK1	304.5	239.5	190	42 0 -0.016	8	12	5
	47160892	APM-FG60GMK1							
	47160557	APM-FG44MMK1							

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

개정 CHANGE	
0	
1	
2	
3	
4	
5	

LS Mecapion

삼각법 3RD ANGLE PROJECTION	척도 SCALE	제품명 PRODUCT NAME	AP22 Servo Motor
	1/1 , N.S		
단위 UNIT	일자 DATA	도면명칭 TITLE	Out Line (Key, OilSeal Type)
MM	2018.11.01		
설계 DESIGNED	검도 CHECKED	승인 APPROVED	도면번호 DWG. NO. FM22GA005-1 1/1
–			참조도면 REF. NO. Ver 1.0