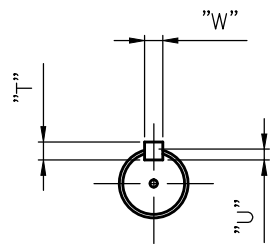
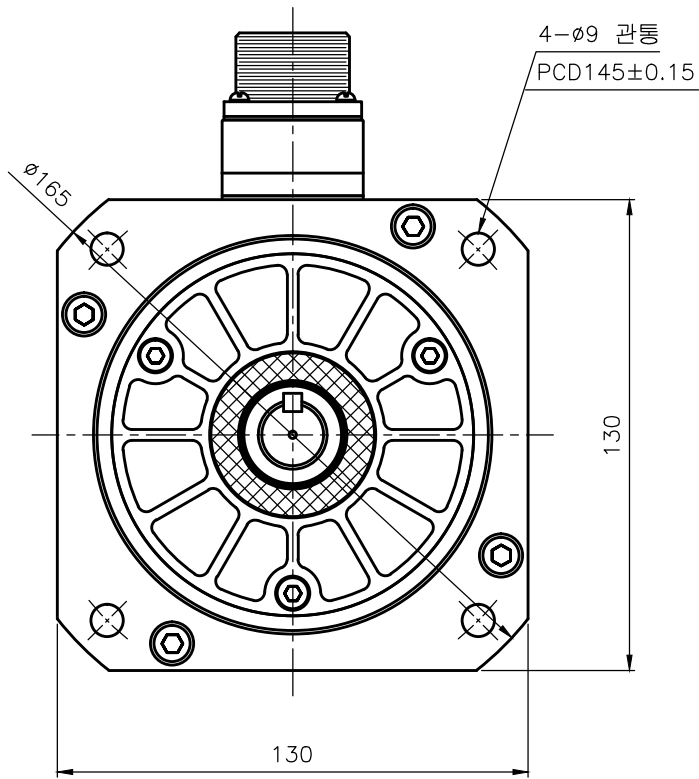
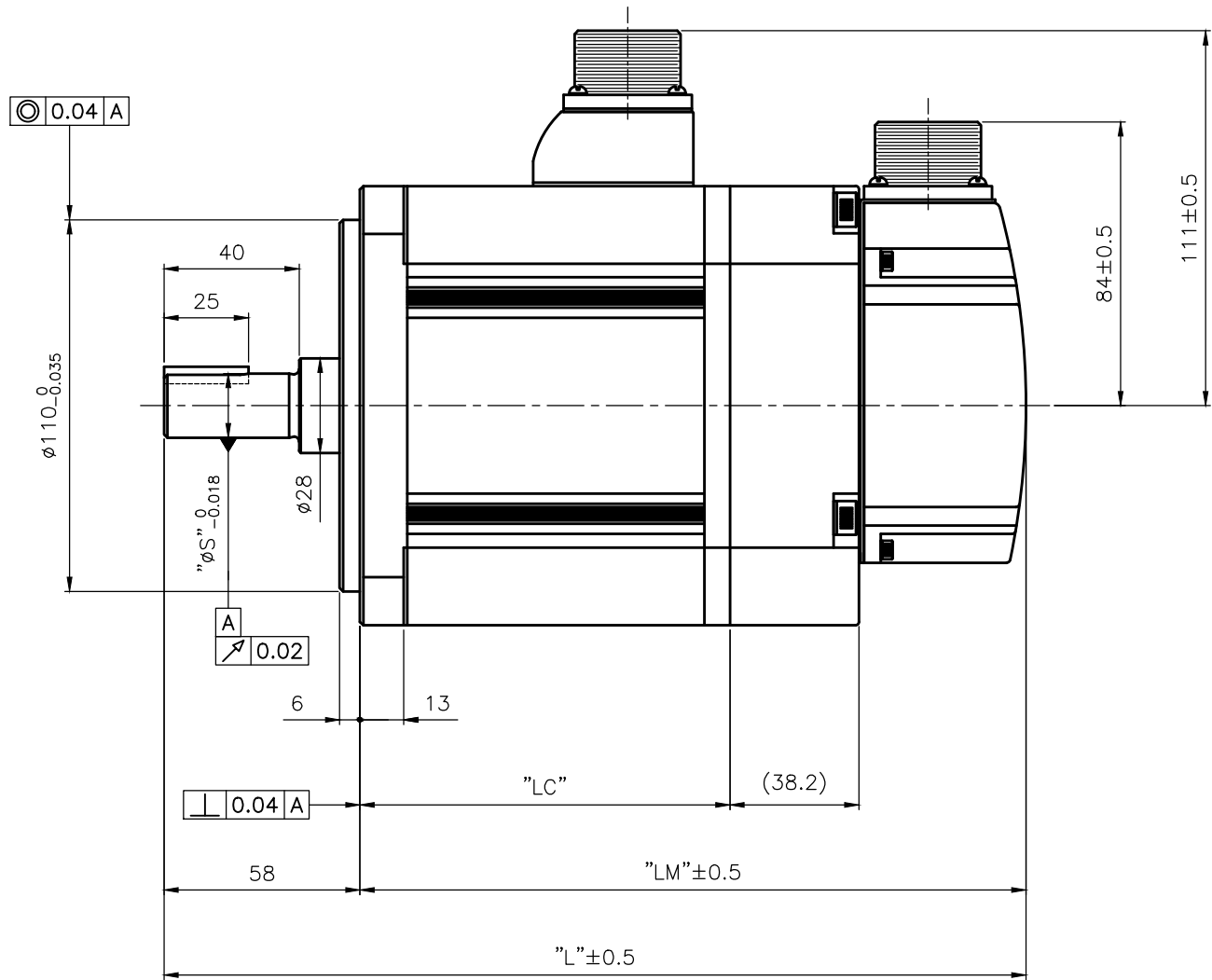


소 요 수 QTY				품 번 ITEM	품 명 DESCRIPTION	재 질 MATERIAL	규 격 SPECIFICATION	비 고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-FEP09A/06D/05G/03MMK3	Key, Brake, OilSeal Type
		1		02	Out Line		APM-FEP15A/11D/09G/06MMK3	Key, Brake, OilSeal Type
	1			03	Out Line		APM-FEP22A/16D/13G/09MMK3	Key, Brake, OilSeal Type
1				04	Out Line		APM-FEP30A/22D/17G/12MMK3	Key, Brake, OilSeal Type



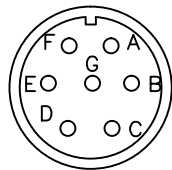
<Shaft Dimensions>



<외형 치수>

군 번	Part No.	모델명	L	LM	LC	S	T	W	U
G01	47160745	APM-FEP09AMK3	235.3	177.3	89.6	19	5	5	3
	47160751	APM-FEP06DMK3							
	47160763	APM-FEP05GMK3							
	47160776	APM-FEP03MMK3							
G02	47160746	APM-FEP15AMK3	255.3	197.3	109.6	19	5	5	3
	47160752	APM-FEP11DMK3							
	47160764	APM-FEP09GMK3							
	47160777	APM-FEP06MMK3							

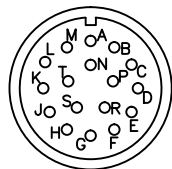
군 번	Part No.	모델명	L	LM	LC	S	T	W	U
G03	47160747	APM-FEP22AMK3	275.3	217.3	129.6	22	6	6	3.5
	47160753	APM-FEP16DMK3							
	47160765	APM-FEP13GMK3							
	47160778	APM-FEP09MMK3							
G04	47160748	APM-FEP30AMK3	293.3	235.3	147.6	24	7	8	4
	47160754	APM-FEP22DMK3							
	47160766	APM-FEP17GMK3							
	47160779	APM-FEP12MMK3							



MS3102A20-15P
(7 pole plug)

<Power Connector 핀 배열>

Pin No.	Phase
A	U
B	V
C	W
D	FG
E	BK+
F	BK-



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	-		

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

제0

CHANGE

개



삼 각 법 3RD ANGLE PROJECTION	척 도 SCALE 1/1 (N.S.)
단 위 UNIT MM	일 자 DATE 2018.11.01

제 품 명 PRODUCT NAME
도면명칭 TITLE

AP13 Servo Motor
Out Line (Key, Brake, OilSeal Type)

설 계 DESIGNED	검 도 CHECKED	승 인 APPROVED

도면번호 DWG. NO.	FMP13GA007	1/1
참조도면 REF. NO.		Ver 1.0