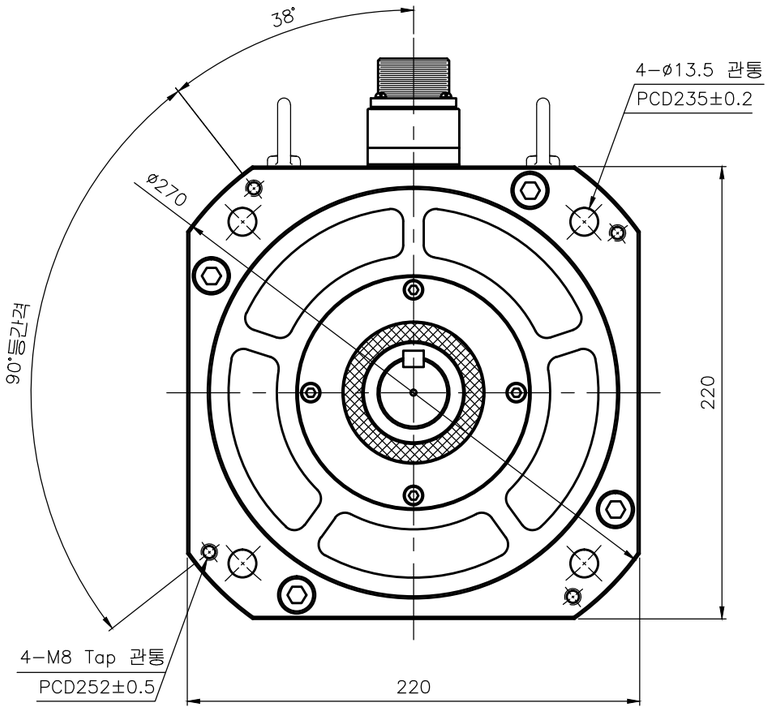
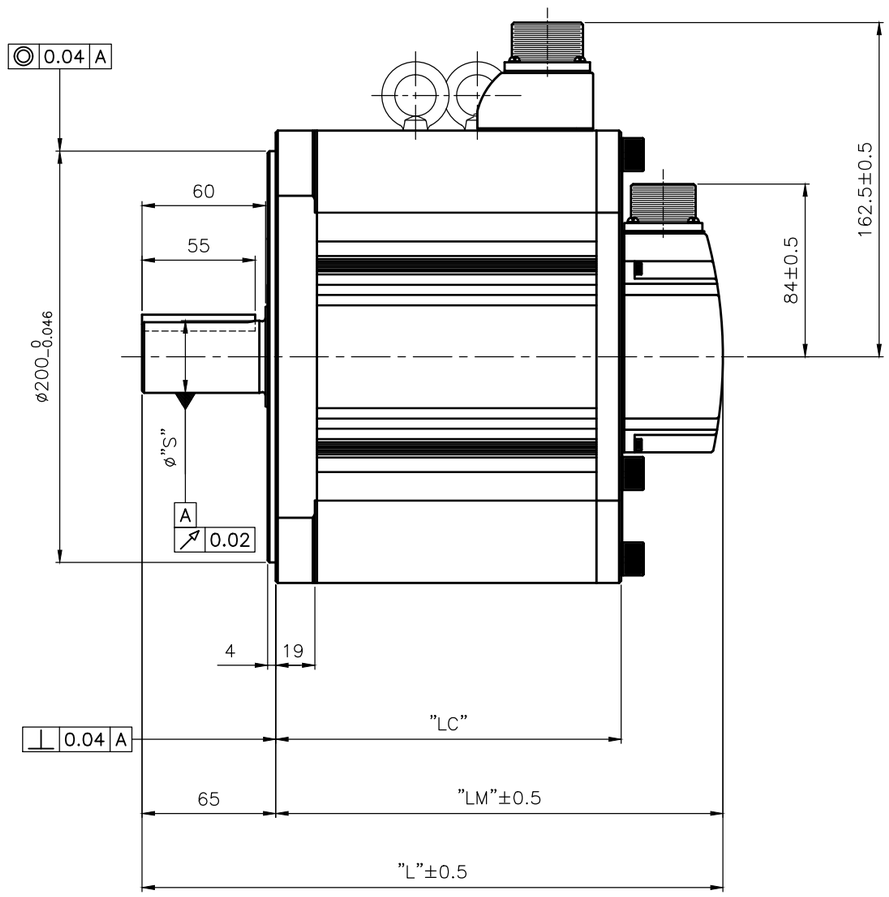
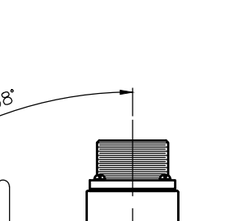
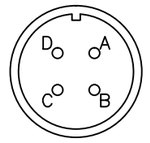
| 소 요 수 QTY | | | | 품 번 ITEM | 품 명 DESCRIPTION | 재 질 MATERIAL | 규 격 SPECIFICATION | 비 고 REMARK |
|---|---|---|---|---|---|---|---|---|
| G04 | G03 | G02 | G01 | | | | | |
| | | | 1 | 01 | Out Line | | APM-FG22D/FG20G/FG12MMK1 | Key, OilSeal Type |
| | | 1 | | 02 | Out Line | | APM-FG35D/FG30G/FG20MMK1 | 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 |



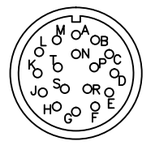

<Shaft Dimensions>




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 |