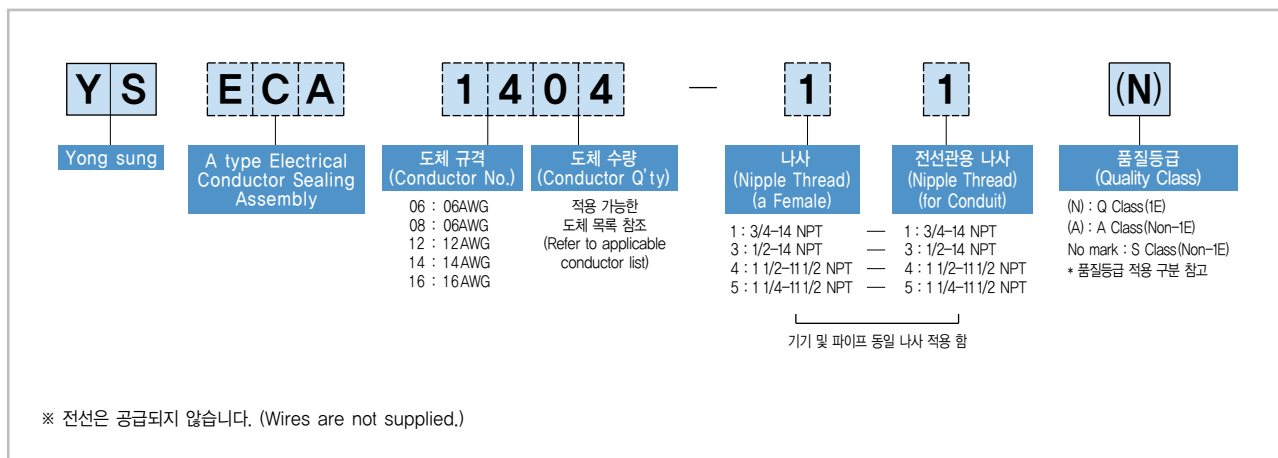


3-2 | 전기 도체 밀봉 집합체 – ECA TYPE

ELECTRIC CONDUCTOR SEALING ASSEMBLY - ECA TYPE

형식 구분도 | Type classification diagram |



특징 | Features |

- IEEE 572(KEPIC END 3830), IEEE 323(KEPIC END 1100) 적용하여 내환경검증
- IEEE 344(KEPIC END 2000) 적용하여 내진검증
- IEEE 572(KEPIC END 3830), IEEE 382(KEPIC END 3700) 적용하여 MSLB & HELB 검증
- Environmental qualification by IEEE 572(KEPIC END 3830) & IEEE 323(KEPIC END 1100)
- Seismic qualification by IEEE 344(KEPIC END 2000)
- MSLB & HELB qualification by IEEE 572(KEPIC END 3830) & IEEE 382(KEPIC END 3700)

적용 가능 도체 목록 | Applicable conductor list |

(Unit : mm)

Conductor Nipple Thread	6AWG	6AWG 1PAIR	8AWG	8AWG 1PAIR	12AWG	12AWG 1PAIR	14AWG	14AWG 1PAIR	16AWG 1PAIR
XXXX - 33 (1/2 - 14NPT)							04		01P
XXXX - 11 (3/4 - 14NPT)					03,06	03P	06		01P
XXXX - 44 (1 1/2 - 11.5NPT)	06,08	03P	03	03P			08,14	07P	
XXXX - 55 (1 1/4 - 11.5NPT)					03,06	03P	06		01P

적용 가능 전선 외경 | Applicable outer diameter of wire |

(Unit : mm)

도체 (Conductor)	적용 가능 전선 외경 (Applicable outer diameter of wire)
6 AWG	Ø7.0 ~ Ø8.2
8 AWG	Ø6.0 ~ Ø7.2
12 AWG	Ø3.4 ~ Ø4.4
14 AWG	Ø3.0 ~ Ø4.0
16 AWG	Ø12.5 ~ Ø13.5

전기 도체 밀봉 집합체 - ECA TYPE

ELECTRIC CONDUCTOR SEALING ASSEMBLY (ECA TYPE)

성능 개요 | Performance summary |

절연저항 (Insulation resistance)	100MΩ 이상 (Above 100MΩ), DC 500V MEGGER
내전압 (Withstand voltage)	AC 2,500V / 1min (50 ~ 60Hz)
사용 주위온도 (Ambient temperature)	-25 ~ 55℃ (-13 ~ 131°F)
상대습도 (Relative humidity)	Max. 95%
압력 (Pressure)	대기압 (Atmospheric)
방사선 (Radiation)	8.8 X 10 ⁴ Gy (TID)
보관온도 (Storage temperature)	-30 ~ 65℃ 결로되지 않는 조건 (Without condensation)

기기검증 조건은 문의 바랍니다. (Please contact us for equipment qualification condition.)

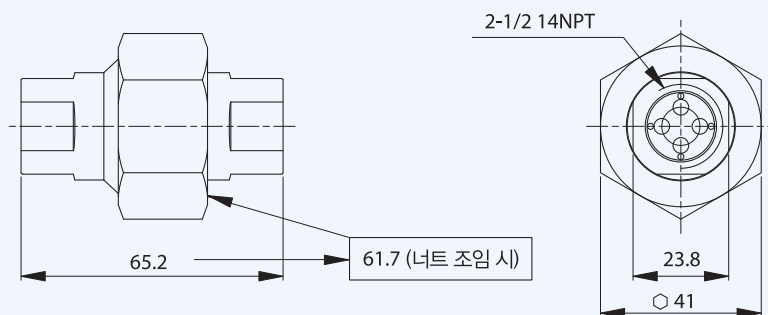
부품 재질 | Part materials |

부품 (Part)	재질 (Materials)
유니온 너트 (Union nut)	스테인리스 강 (Stainless steel)
외함 (Housing)	스테인리스 강 (Stainless steel)
니플 (Nipple)	스테인리스 강 (Stainless steel)
케이블 그로멧 (Cable grommet)	EPDM

외형 치수도 | Shape dimension |

(Unit : mm)

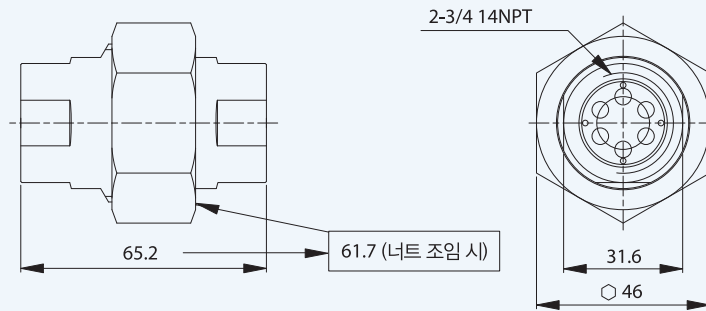
ECA XXXX - 33 type



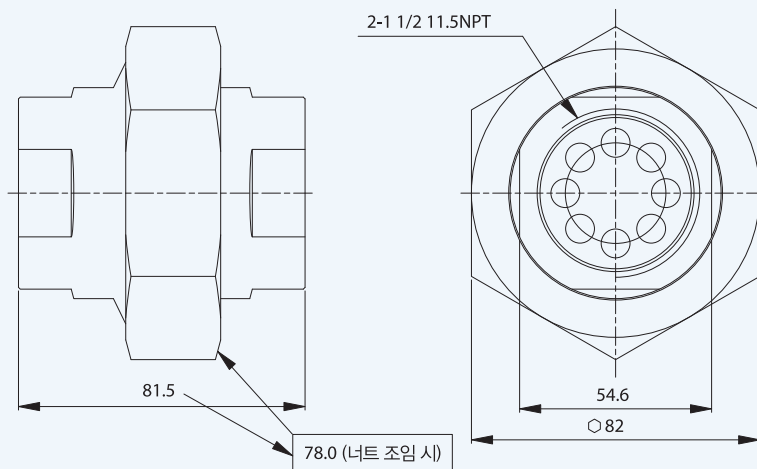
외형 치수도 | Shape dimension |

(Unit : mm)

ECA XXXX - 11 type



ECA XXXX - 44 type



ECA XXXX - 55 type

