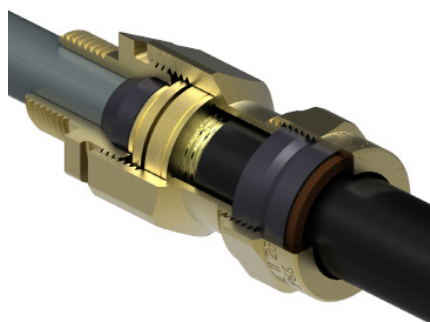


# E1XF Ex d IIC / Ex e II

## 473AA Series



**The E1XF is a hazardous area gland that is a dual seal high performance cable gland suitable for braided cable.**



### Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, Braid wire armour cables with extruded polymeric bedding and oversheath
- Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Three part armour lock provides mechanical cable retention and electrical continuity
- Inner PCP seal grips cable bedding and provides additional ingress protection
- Suitable for most climatic conditions - weatherproof and waterproof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

## Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 2014/34/EU

Atex Compliance Standards: EN 60079-0, EN 60079-1,  
EN 60079-7, EN 61241-0, EN 61241-1

Certificate number Sira 02ATEX3092X

IECEx Compliance Standards: IEC 60079-0, IEC 60079-1,  
IEC 60079-7, IEC 61241-0, IEC 61241-1

Certificate number IECEx SIR 10.0071X

Service temperature range -60°C to +90°C

### May be used in:

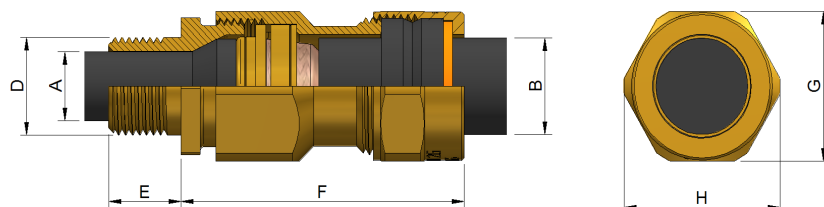
- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 2 with Ex nA II equipment
- Zone 21 & 22 with Ex tD A21

### Where the cable is effectively filled, may Also be used in:

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000cm<sup>3</sup>
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000cm<sup>3</sup>
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

## Specifications

| Gland Kit Reference |               |      | Cable Dimensions mm |      |               |      | Gland Dimensions mm |                  |                   |                       |         |         |
|---------------------|---------------|------|---------------------|------|---------------|------|---------------------|------------------|-------------------|-----------------------|---------|---------|
| Design Reference    |               | Size | Under Armour Ø (A)  |      | Overall Ø (B) |      | Braid Armour Wire ø | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon |         |
| Standard            | Nickel Plated |      | Min                 | Max  | Min           | Max  |                     |                  |                   |                       | A/F (G) | A/C (H) |
| 473AA-51            | 473AA-51V     | 16   | 3.8                 | 8.7  | 8.0           | 13.2 | 0.2/0.3             | M16 × 1.5        | 15                | 41                    | 23.4    | 26.7    |
| 473AA-71            | 473AA-71V     | 20SS | 3.8                 | 8.7  | 8.0           | 13.2 | 0.2/0.3             | M20 × 1.5        | 15                | 41                    | 23.4    | 26.7    |
| 473AA-52            | 473AA-52V     | 20S  | 8.0                 | 11.8 | 8.0           | 15.8 | 0.2/0.3             | M20 × 1.5        | 15                | 43                    | 25.7    | 29.2    |
| 473AA-53            | 473AA-53V     | 20   | 11.8                | 14.2 | 11.7          | 20.8 | 0.2/0.3             | M20 × 1.5        | 15                | 43                    | 30.5    | 34.0    |
| 473AA-55            | 473AA-55V     | 25   | 14.0                | 20.1 | 17.0          | 27.2 | 0.3/0.45            | M25 × 1.5        | 15                | 48                    | 37.6    | 42.2    |
| 473AA-56            | 473AA-56V     | 32   | 19.7                | 26.6 | 23.5          | 33.5 | 0.3/0.45            | M32 × 1.5        | 15                | 53                    | 47.2    | 53.6    |
| 473AA-57            | 473AA-57V     | 40   | 26.6                | 32.4 | 29.0          | 39.9 | 0.3/0.45            | M40 × 1.5        | 15                | 56                    | 56.4    | 61.5    |
| 473AA-58            | 473AA-58V     | 50S  | 32.4                | 38.4 | 38.0          | 46.2 | 0.3/0.45            | M50 × 1.5        | 15                | 61                    | 60.0    | 66.0    |
| 473AA-59            | 473AA-59V     | 50   | 38.4                | 44.3 | 39.5          | 52.6 | 0.3/0.45            | M50 × 1.5        | 15                | 61                    | 70.1    | 77.2    |
| 473AA-60            | 473AA-60V     | 63S  | 44.3                | 50.3 | 50.0          | 58.9 | 0.3/0.45            | M63 × 1.5        | 15                | 64                    | 75.0    | 83.0    |
| 473AA-61            | 473AA-61V     | 63   | 50.3                | 56.2 | 51.3          | 65.3 | 0.3/0.45            | M63 × 1.5        | 15                | 64                    | 80.0    | 87.4    |
| 473AA-62            | 473AA-62V     | 75S  | 56.2                | 62.2 | 62.0          | 71.6 | 0.3/0.45            | M75 × 1.5        | 15                | 73                    | 90.2    | 99.1    |
| 473AA-63            | 473AA-63V     | 75   | 62.2                | 68.1 | 62.5          | 78.0 | 0.3/0.45            | M75 × 1.5        | 15                | 73                    | 98.8    | 109.2   |
| 473AA-64            | 473AA-64V     | 85   | 68.0                | 74.0 | 68.0          | 88.0 | 0.3/0.45            | M80 × 2.0        | 20                | 102                   | 115.1   | 126.0   |



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General Cable**