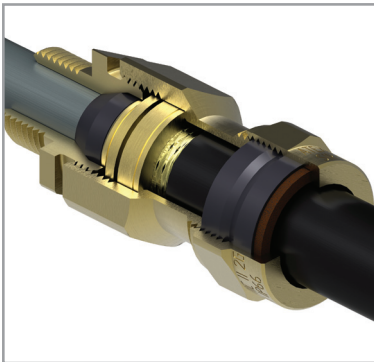


# E1XF Ex d IIC / Ex e II

## KCA473 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

### Kit comprises:

E1XF Gland  
Brass Earth Tag  
Brass Locknut  
Nylon Sealing Washer  
PVC Shroud  
(2 per kit up to and including 25mm size)



## 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

## Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC

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

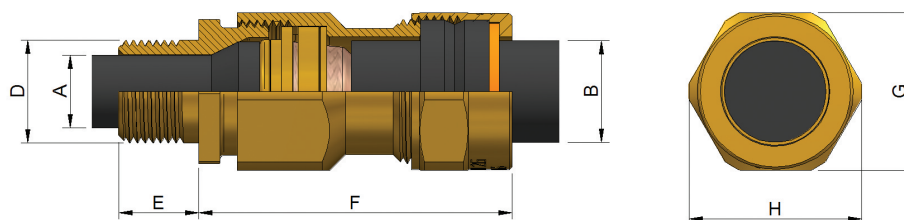
Certificate number IECEx SIR 10.0071X

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

This table is the 'KA473' info not the 'KCA473' info. Please replace with the correct table. I have attached the KCA473 page from our catalogue which contains the correct table to the email.

## Specifications

| Gland Kit Reference |               |      |             | Cable Dimensions mm |      |               |      |                     | Gland Dimensions mm |                   |                       |         |         |
|---------------------|---------------|------|-------------|---------------------|------|---------------|------|---------------------|---------------------|-------------------|-----------------------|---------|---------|
| Design Reference    |               | Size | Qty per Kit | 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) |
| KA473-51            | KA473-51V     | 16   | 2           | 3.8                 | 8.7  | 8.0           | 13.2 | 0.2/0.3             | M16 × 1.5           | 15                | 41                    | 23.4    | 26.7    |
| KA473-71            | KA473-71V     | 20SS | 2           | 3.8                 | 8.7  | 8.0           | 13.2 | 0.2/0.3             | M20 × 1.5           | 15                | 41                    | 23.4    | 26.7    |
| KA473-52            | KA473-52V     | 20S  | 2           | 8.0                 | 11.8 | 8.0           | 15.8 | 0.2/0.3             | M20 × 1.5           | 15                | 43                    | 25.7    | 29.2    |
| KA473-53            | KA473-53V     | 20   | 2           | 11.8                | 14.2 | 11.7          | 20.8 | 0.2/0.3             | M20 × 1.5           | 15                | 43                    | 30.5    | 34.0    |
| KA473-55            | KA473-55V     | 25   | 2           | 14.0                | 20.1 | 17.0          | 27.2 | 0.3/0.45            | M25 × 1.5           | 15                | 48                    | 37.6    | 42.2    |
| KA473-56            | KA473-56V     | 32   | 1           | 19.7                | 26.6 | 23.5          | 33.5 | 0.3/0.45            | M32 × 1.5           | 15                | 53                    | 47.2    | 53.6    |
| KA473-57            | KA473-57V     | 40   | 1           | 26.6                | 32.4 | 29.0          | 39.9 | 0.3/0.45            | M40 × 1.5           | 15                | 56                    | 56.4    | 61.5    |
| KA473-58            | KA473-58V     | 50S  | 1           | 32.4                | 38.4 | 38.0          | 46.2 | 0.3/0.45            | M50 × 1.5           | 15                | 61                    | 60.0    | 66.0    |
| KA473-59            | KA473-59V     | 50   | 1           | 38.4                | 44.3 | 39.5          | 52.6 | 0.3/0.45            | M50 × 1.5           | 15                | 61                    | 70.1    | 77.2    |
| KA473-60            | KA473-60V     | 63S  | 1           | 44.3                | 50.3 | 50.0          | 58.9 | 0.3/0.45            | M63 × 1.5           | 15                | 64                    | 75.0    | 83.0    |
| KA473-61            | KA473-61V     | 63   | 1           | 50.3                | 56.2 | 51.3          | 65.3 | 0.3/0.45            | M63 × 1.5           | 15                | 64                    | 80.0    | 87.4    |
| KA473-62            | KA473-62V     | 75S  | 1           | 56.2                | 62.2 | 62.0          | 71.6 | 0.3/0.45            | M75 × 1.5           | 15                | 73                    | 90.2    | 99.1    |
| KA473-63            | KA473-63V     | 75   | 1           | 62.2                | 68.1 | 62.5          | 78.0 | 0.3/0.45            | M75 × 1.5           | 15                | 73                    | 98.8    | 109.2   |



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