

# Flameproof Gland Kits

## E1WF EEx d IIC & EEx e II Brass Gland Kit KCA472 Series



### Application

- > For steel wire armoured cable

### Features & Benefits

- > Brass indoor and outdoor cable gland for use in hazardous areas
- > Suitable for circular, galvanised steel wire armour cables with extruded polymeric bedding and oversheath
- > Achieves IP66 seal onto cable and to enclosure using the sealing washer
- > Three part armour lock provides mechanical cable retention and electrical continuity
- > Inner seal grips cable bedding and provides additional ingress protection
- > Suitable for most climatic conditions - weatherproof and waterproof
- > Nickel plated versions also available

### Technical Data

- > Certified II 2GD, EEx e II & EEx d IIC under ATEX directive 94/9/EC
- > Certificate number Sira02ATEX3092X
- > Service temperature range -60°C to +90°C
- > May be used in:

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

- > Where the cable is effectively filled, may also be used in:

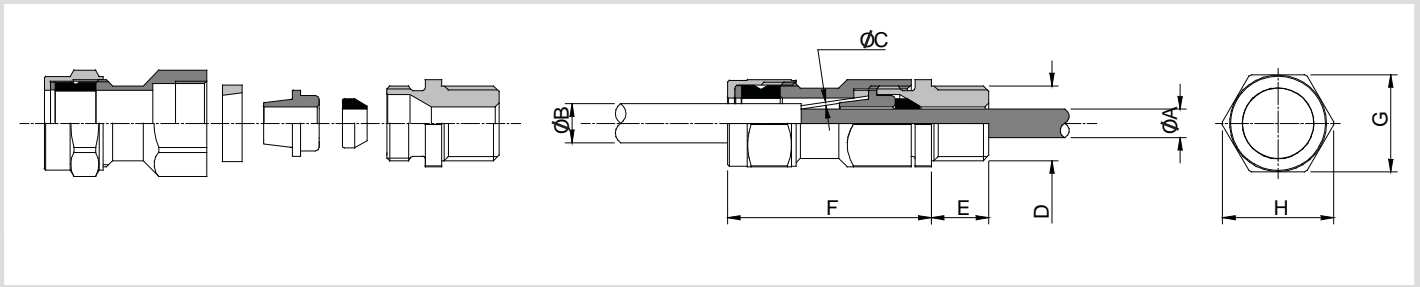
- Zones 1 & 2 with EEx d IIC equipment not containing a source of ignition & with a volume less than 2000cm<sup>3</sup>
- Zones 1 & 2 with EEx d IIA & EEx d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with EEx d IIA & EEx d IIB equipment containing a source of ignition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



- > Kit comprises:
  - E1WF Gland
  - Brass earth tag
  - Brass locknut
  - PVC shroud
  - Nylon sealing washer



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## Gland Details

Cable Dimensions mm					Kit Reference			Gland Dimensions mm				
Under Armour Diameter A		Overall Diameter B		Armour Wire Diameter C	Size	Design Number	Items Per Kit	Entry Thread Size D	Length E	Approx. Length from Shoulder F	Hexagon Size	
Min	Max	Min	Max								Across Flats G	Across Corners H
6.3	8.6	8.0	13.2	0.9	20SS	KCA47271	2	M20×1.5	15	44	23.4	26.7
8.7	11.6	8.0	15.8	0.9/1.25	20S	KCA47252	2	M20×1.5	15	46	25.7	29.2
11.7	13.9	11.7	20.8	0.9/1.25	20	KCA47253	2	M20×1.5	15	46	30.5	34.0
13.0	19.9	17.0	27.2	1.25/1.6	25	KCA47255	2	M25×1.5	15	51	37.6	42.2
20.0	26.2	23.5	33.5	1.6/2.0	32	KCA47256	1	M32×1.5	15	56	47.3	53.6
26.3	32.1	29.0	39.9	1.6/2.0	40	KCA47257	1	M40×1.5	15	59	56.4	61.5
32.2	38.1	38.0	46.2	2.0/2.5	50S	KCA47258	1	M50×1.5	15	64	60.0	66.0
38.2	44.0	39.5	52.6	2.0/2.5	50	KCA47259	1	M50×1.5	15	64	70.1	77.2
44.1	50.0	50.0	58.9	2.5	63S	KCA47260	1	M63×1.5	15	67	75.0	83.0
50.1	55.9	51.3	65.3	2.5	63	KCA47261	1	M63×1.5	15	67	80.0	87.4
56.0	61.9	62.0	71.6	2.5	75S	KCA47262	1	M75×1.5	15	76	90.2	99.1
62.0	67.9	62.5	78.0	2.5	75	KCA47263	1	M75×1.5	15	76	98.8	109.2