Explosion Proof Glands

BARR-A EEx d IIC Brass Barrier Gland 424TA Series

Application

> For unarmoured cables

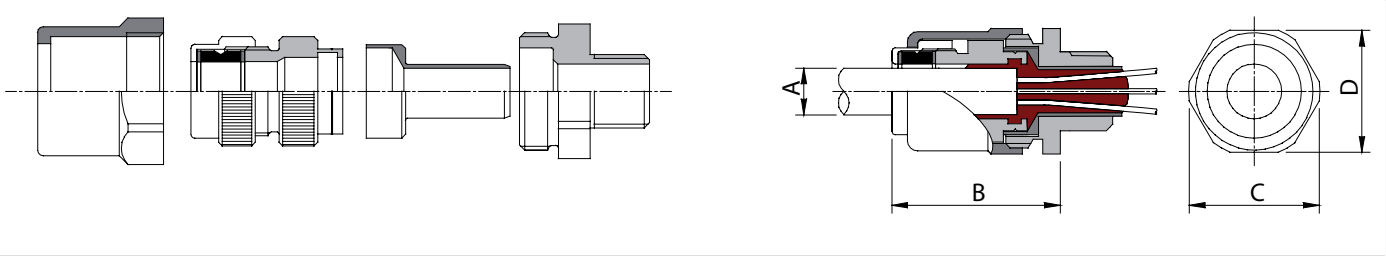
Features & Benefits

> Brass indoor and outdoor cable gland for use in Zone 1 and Zone 2 hazardous areas
> Suitable for circular unarmoured cables with extruded polymeric oversheath
> Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant
> Provides mechanical cable retention
> Suitable for most climatic conditions - weatherproof and waterproof
> Nickel plated versions also available
> Matching accessory kits available

Technical Data

> Certified II 2GD, EEx e II & EEx d IIC under ATEX directive 94/9/EC
> Certificate number Sira04ATEX1080X
> 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 d IIA, B & C equipment with any volume
  - Zones 1 & 2 with EEx e II equipment
  - Zones 1 & 2 with EEx p II equipment
  - Zone 2 with EEx nA II equipment
  - Zone 2 with EEx nR II equipment
  - Zones 21 & 22 with EEx tD II equipment

Ref: BARRA/04/07



Gland Details

Gland References & Thread Sizes					Cable Dimensions, mm				Gland Dimensions		
Basic Size	Metric		NPT		Max. Dia. Over Conductors	Max. No. of Conductors	Overall DIA. 'A'		Approx. Length 'B'	Hexagon Size	
	Design No.	Thread Size *	Design No.	Thread Size ≠			Min	Max		A/C 'C'	A/F 'D'
20	424TA53	M20 × 1.5	424TA03	½″ - 14 NPT	11.0	30	8.9	15.7	56	40.0	36.0
25	424TA55	M25 × 1.5	424TA05	¾″ - 14 NPT	16.0	42	13.0	19.3	59	48.0	42.4
32	424TA56	M32 × 1.5	424TA06	1″ - 11½ NPT	22.1	60	17.0	25.4	59	53.6	47.2
40	424TA57	M40 × 1.5	424TA07	1¼″ - 11½ NPT	28.2	100	24.1	30.0	63	61.5	56.4
50	424TA59	M50 × 1.5	424TA09	2″ - 11½ NPT	37.1	200	29.0	41.9	66	77.2	70.1
63	424TA61	M63 × 1.5	424TA11	2½″ - 8 NPT	48.4	400	40.9	52.8	69	87.4	80.0
75	424TA63	M75 × 1.5	424TA13	3″ - 8 NPT	58.6	400	49.8	59.9	80	109.2	98.8
85	424TA64	M85 × 2	424TA14	3″ - 8 NPT	65.8	400	58.9	73.9	83	116.8	106.

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