Industrial Glands

CW Aluminium Gland with Integral Earth 454CE Series

BICON

Application

> For aluminium wire armour cable

Features & Benefits

> Aluminium indoor and outdoor cable gland with earth bonding connection
> Suitable for circular aluminium single wire armoured, plastic or rubber sheathed cables
> Outer seal grips sheath of cable
> For use in most climatic conditions, weatherproof and waterproof
> Three part armour lock with separate armour locking ring
> Accessories available separately

Technical Data

> EN50262
> Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface
> Service temperature range -20°C to +90°C
> Integral earth connection complies with GDCD 190 Category A (43.3kA for 1 second)

CE

Ref: CWINT/05/08

Prysmian Cables & Systems Limited, Components Unit, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9PH, UK
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PRYSMIAN CABLES & SYSTEMS

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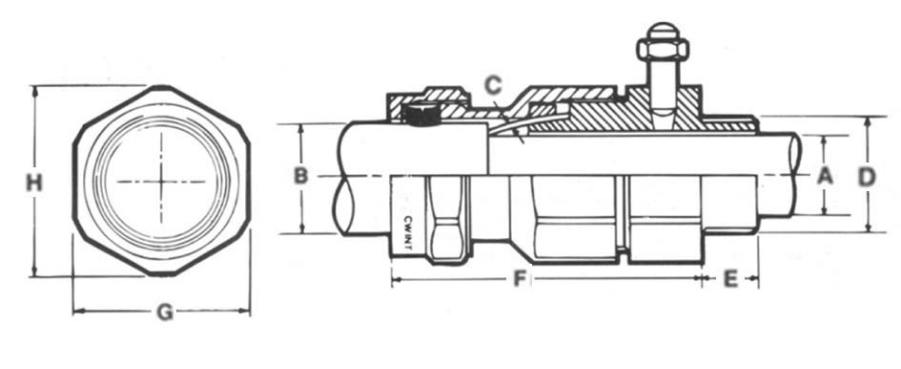

Gland Details

Cable dimensions accommodated mm					Gland Reference		Glands dimension mm					Accessories
Diameter				Armour wire diameter	Size	Design Number	Entry thread		Approx. length from shoulder	Hexagon size		Aluminium backnut
Under armour A		Overall B					Size	Length		Across flats	Across corners	Design number
Min	Max	Min	Max	C			D	E	F	G	H	
-	26.2	23.5	33.5	1.6 / 2.0	32	454CE-56	M32 × 1.5	10	73	56.4	61.5	459AA-56
-	32.1	29.0	39.9	1.6 / 2.0	40	454CE-57	M40 × 1.5	15	77	56.4	63.2	459AA-57
-	44.0	39.5	52.6	2.0 / 2.5	50	454CE-59	M50 × 1.5	15	84	70.1	77.2	459AA-59
-	55.9	51.3	65.3	2.5	63	454CE-61	M63 × 1.5	15	84	90.2	99.1	459AA-61
-	67.9	62.5	78.0	2.5	75	454CE-63	M75 × 1.5	15	94	106.2	117.0	459AA-63

Larger sizes of glands are available upon request

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