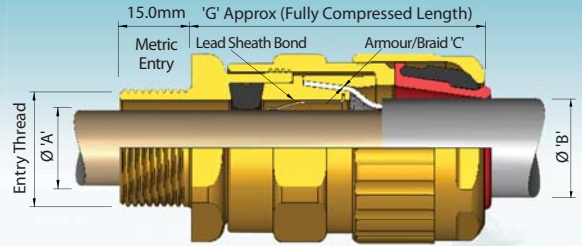


Application

- Outdoor or indoor use.
- For use with single wire armour 'W', wire braid 'X', aluminium strip armour 'Y' and steel tape armour 'Z' elastomer and plastic insulated cables.



CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Cable Acceptance Details								Hexagon Dimensions		
	Metric	NPT * Standard or Option	Inner Sheath 'A'				Outer Sheath 'B'		Armour / Braid 'C'		'G'	Across Flats	Across Corners
			Standard (L) Seal + Bond		Alternative Seal (K) Seal + Bond		Min.	Max.	Orientation 1	Orientation 2			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.						
O	M20 ²	½"	6.5	10.5	-	-	9.5	16.0	0.8 / 1.25	0.0 / 0.8	52.0	24.0	26.5
A	M20	¾" or ½"	-	-	8.5	13.4	12.5	20.5	0.8 / 1.25	0.0 / 0.8	53.0	30.0	32.5
B	M25	1" or ¾"	12.5	19.0	9.5	15.4	16.9	26.0	1.25 / 1.6	0.0 / 0.7	69.5	36.0	39.5
C	M32	1¼" or 1"	19.0	25.0	14.5	21.2	22.0	33.0	1.6 / 2.0	0.0 / 0.7	64.0	46.0	50.5
C2	M40	1½" or 1¼"	25.0	31.2	22.0	28.0	28.0	41.0	1.6 / 2.0	0.0 / 0.7	68.3	55.0	60.6
D	M50	2" or 1½"	31.5	42.3 / 42.8 ¹	27.5	34.8	36.0	52.6	1.8 / 2.5	0.0 / 1.0	79.0	65.0	70.8
E	M63	2½" or 2"	42.5	53.3 / 54.5 ¹	39.0	46.5	46.0	65.3	1.8 / 2.5	0.0 / 1.0	78.9	80.0	88.0
F	M75	3" or 2½"	54.5	66.0 / 64.3 ¹	48.5	58.3	57.0	78.0	1.8 / 2.5	0.0 / 1.0	83.7	95.0	104.0
G	M80	3½"	67.0	70.0	-	-	75.0	89.5	2.0 / 3.5	0.0 / 1.0	95.6	106.4	115.0
H	M90	3½"	67.0	75.0	-	-	75.0	89.5	2.0 / 3.5	0.0 / 1.0	95.6	115.0	130.0
J	M100	4"	75.0	89.5	-	-	88.0	104.5	2.5 / 4.0	0.0 / 1.0	95.6	127.0	142.0

All dimensions in millimetres (except * where dimensions are in inches). O - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

¹Smaller value is applicable when selecting reduced NPT entry option.

²Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

Technical Data

- Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type E2W, E2X, E2Y and E2Z.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01 (Deluge Seal Optional).
- Operating Temperature Range: -60°C to +80°C.
- Assembly Instruction Sheet: AI 399 and AI 336.

Features

- Provides armour clamping using one clamping arrangement for all armour / braid types.
- Provides a seal and an electrical bond on the cables inner sheath.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Alternative Reversible Armour Clamping Rings (RAC)

Size Ref.	SELECTION TABLE	
	Steel Wire Armour / Braid / Tape	
	Orientation 1	Orientation 2
B	0.9 - 1.25	0.5 - 0.9
C	1.2 - 1.6	0.6 - 1.2
C2	1.2 - 1.6	0.6 - 1.2
D	1.45 - 1.8	1.0 - 1.45
E	1.45 - 1.8	1.0 - 1.45
F	1.45 - 1.8	1.0 - 1.45

Ordering Information

Format for ordering is as follows: Standard Inner Seal + Bond, add suffix L to ordering information. Alternative Inner Seal + Bond, add suffix K to ordering information. Alternative Clamping Ring (AR), add suffix AR to ordering information.

Cable Gland Type	Size	Thread	Lead	(OPTIONAL)	Cable Gland Type	Size	Thread	Lead	(OPTIONAL)	Cable Gland Type	Size	Thread	Lead	(OPTIONAL)
153/RAC	C	M32	L	AR	153/RAC	C	1¼"NPT	L	AR	153/RAC	C	1¼"NPT	K	AR