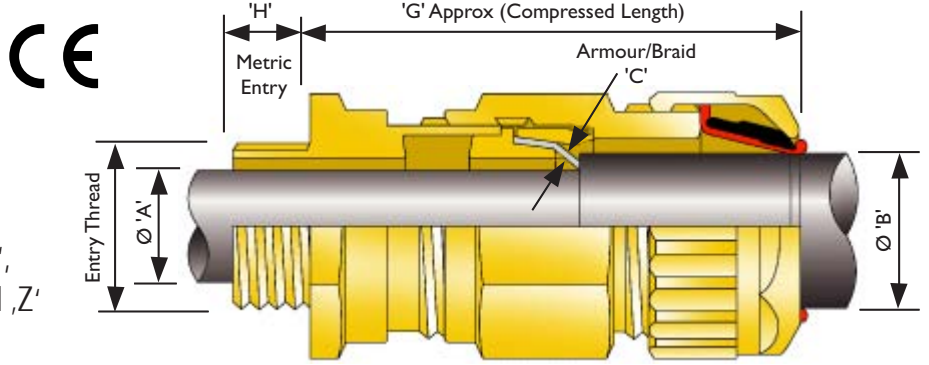


**Cable Glands**  
**Industrial Type 151/RAC**



**Application**

Outdoor or Indoor use.  
 For use with single wire armoured ,SWA', wire braided ,X' and steel tape armoured ,Z' elastomer and plastic insulated cables.

**Features**

Provides armour clamping using one clamping arrangement for all armour/braid types.  
 Deluge protection option available. Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.

**Materials & Finishes**

The 151/RAC cable gland is manufactured as standard in brass, stainless steel and aluminium.  
 NPT entries, are nickel plated as standard. Full nickel plating available.

**Technical Data**

Construction and test standards EN 50262. BS 6121 Part 1. Type CW, CX and CZ.  
 IP66 ingress protection to IEC 60529 and EN 60529.  
 Operating temperature range -60°C to +80°C as standard.

**CABLE GLAND SELECTION TABLE**

Size Ref.	Entry Thread Size		Thread Length 'H'	Cable Acceptance Details					'G'		Hexagon Dimensions	
	Metric	NPT* Std./Option		Inner Sheath 'A'	Outer Sheath 'B'		'C' Armour/Braid				Across Flats	Across Corners
					Max.	Min.	Max.	Orientation 1	Orientation 2			
Os	M20 <sup>2</sup>	½"	15	8.0	5.5	12.0	0.9/1.25	0/0.7	65.1	24.0	27.7	
O	M20 <sup>2</sup>	½"	15	11.9	9.5	16.0	0.9/1.25	0/0.7	65.1	24.0	27.7	
A	M20	¾"/½"	15	14.3	12.5	20.5	0.9/1.25	0/0.7	66.1	30.0	34.6	
B	M25	1"/¾"	15	20.2	16.9	26.0	1.25/1.6	0/0.7	71.4	36.0	41.6	
C	M32	1¼"/1"	15	26.5	22.0	33.0	1.6/2.0	0/0.7	75.2	46.0	53.1	
C2	M40	1½"/1¼"	15	32.5	28.0	41.0	1.6/2.0	0/0.7	77.1	55.0	63.5	
D	M50	2"/1½"	15	44.4/42.3 <sup>1</sup>	36.0	52.6	1.8/2.5	0/1.0	90.3	65.0	75.1	
E	M63	2½"/2"	15	56.3/54.3 <sup>1</sup>	46.0	65.3	1.8/2.5	0/1.0	96.7	80.0	92.4	
F	M75	3"/2½"	15	68.2/65.3 <sup>1</sup>	57.0	78.0	1.8/2.5	0/1.0	96.0	95.0	109.6	

Larger cable glands available in 151 design.

G	M80	3½"	20	72.0	75.0	89.5	#	#	95.6	106.4	123.0
H	M90	3½"	20	80.0	75.0	89.5	#	#	95.6	115.0	132.8
J	M100	4"	20	90.0	88.0	104.5	#	#	95.6	127.0	146.7

<sup>1</sup> Smaller value is applicable when selecting reduced NPT entry option.

<sup>2</sup> Sizes 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.

Os - F size metric entry threads are 1.5mm pitch as standard. For G size cable glands and above, a 2mm pitch is supplied as standard (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available.

**Alternative Reversible Armour Clamping Rings (RAC)**

SELECTION TABLE		
Size Ref.	Steel Wire Armour/Braid/Tape	
	Orientation 1	Orientation 2
O/Os	0.8 - 1.0	0.4 - 0.8
A	0.8 - 1.0	0.4 - 0.8
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

**General Information**

All dimensions in millimetres (except\* where dimensions are in inches).  
 # Dedicated armour clamping rings are fitted. Please specify armour type and size.

**Cable Gland Ordering Examples**  
**Cable Gland Type/Size/Thread**

e.g. 151/RAC/C/M32  
 151/RAC/C/1¼" NPT

**Cable Gland with Alternative Clamping Ring (AR)**

e.g. 151/RAC/C/M32/AR  
 151/RAC/C/1¼" NPT/AR