



CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Thread Length 'H'	Cable Acceptance Details				'G'	Hexagon Dimensions	
				Outer Sheath 'B'					Across Flats	Across Corners
	Metric	NPT* Std./Option		Standard Seal		Alternative Seal (S)				
				Min.	Max.	Min.	Max.			
Os	M20 ²	1/2"	15.0	3.0	8.0	-	-	52.3	24.0	27.7
O	M20 ²	1/2"	15.0	7.5	11.9	-	-	52.3	24.0	27.7
A	M20	3/4"/1/2"	15.0	11.0	14.3	8.5	13.4	51.5	30.0	34.6
B	M25	1"/3/4"	15.0	13.0	20.2	9.5	15.4	54.7	36.0	41.6
C	M32	1 1/4"/1"	15.0	19.0	26.5	15.5	21.2	55.9	46.0	53.1
C2	M40	1 1/2"/1 1/4"	15.0	25.0	32.5	22.0	28.0	58.1	55.0	63.5
D	M50	2"/1 1/2"	15.0	31.5	44.4/42.3 ¹	27.5	34.8	74.3	65.0	75.1
E	M63	2 1/2"/2"	15.0	42.5	56.3/54.3 ¹	39.0	46.5	73.2	80.0	92.4
F	M75	3"/2 1/2"	15.0	54.5	68.2/65.3 ¹	48.5	58.3	75	95.0	109.6
G	M80	3 1/2"	20.0	67.0	73.0	-	-	68	106.4	123.0
H	M90	3 1/2"	20.0	67.0	77.6	-	-	68	115.0	132.8
J	M100	4"	20.0	75.0	91.6	-	-	68	127.0	146.7

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 outer 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.

General Information

All dimensions in millimetres (except* where dimensions are in inches).

Assembly instruction data sheet No. A.I. 306.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available. See pages 44 - 48.

Materials & Finishes

The 123 cable gland is manufactured as standard in brass.

NPT entries, nickel plated as standard. Full nickel plating by electroplating or electroless plating is also available, as are other materials on request.

Cable Gland Ordering Examples

Cable Gland Type/Size/Thread

e.g. 123/C/M32
123/C/1 1/4" NPT

Cable Gland with Alternative Seal (S)

e.g. 123/C/M32/S
123/C/1 1/4" NPT/S

Application

- Outdoor or Indoor use.
- For use with non-armoured elastomer and plastic insulated cables.
- May be used on cables incorporating inner and outer cable sheaths.
- See technical section of catalogue for installation rules and regulations.

Features

- Provides a cable retention seal onto the cables outer sheath at two independent sealing points.

Technical Data

- Construction and test standards EN 50262. BS 6121 Part 1. Type A2.
- IP66, IP67 and IP68 (30 metres for 7 days) ingress protection to IEC 60529 and EN 60529.
- DTS01 deluge protection certified by ITS.
- Operating temperature range -60°C to +100°C as standard.