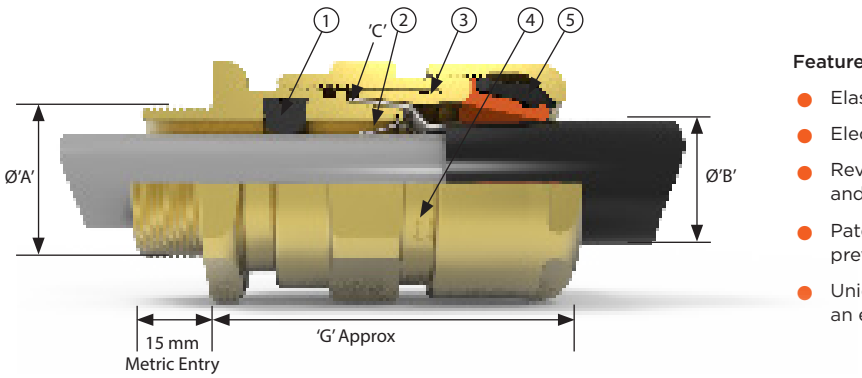
MADE IN BRITAIN

153/RAC/L

For Lead Sheath Cables. Industrial gland for indoor or outdoor use

International Approvals

CE
UK CA



Features

- Elastomeric seal on cable inner sheath
- Electrical Bond on the cables lead inner sheath
- Reversible Armour Clamp - For all types of armour and braid
- Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
- Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range

The 153/RAC/L Cable Gland is an industrial gland for indoor or outdoor use on Lead Sheath Cables. Robust and for use with single wire armour 'W', wire braid 'X', steel tape armour 'Z', elastomer and plastic insulated cables. The gland provides an elastomeric seal on the cable inner sheath, and a low smoke, zero halogen IP and retention seal onto the cable outer sheath.

Cable Gland Selection Table

Size Ref.	Entry Thread		Cable Acceptance Details								'G'	Hexagon	
	Metric	NPT*	Inner Sheath				Outer Sheath 'B'		Armour Braid 'C'			Across Flats	Across Corners
			Std (L) Seal + Bond		Alt Seal (S)		Min.	Max.	Orientation 1	Orientation 2			
			Min.	Max.	Min.	Max.							
O	M20[2]	½"	6.5	10.2	-	-	9.5	16.0	0.8/1.25	0.0/0.8	52.0	24.0	26.5
A	M20	¾" or ½"	10.0	14.3	9	12.5	12.5	20.5	0.8/1.25	0.0/0.8	53.0	30.0	32.5
B	M25	1" or ¾"	13.0	18	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"	19.5	24.3	15.5	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	30.3	22	28	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	41.9[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	52.9	39	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	64.9/64.3[1]	49.5	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	-	-	75.0	89.5	2.0/3.5	0.0/1.0	95.6	106.4	115.0
H	M90	3½"	67.0	75	-	-	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).
Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread.
G - J size metric entry threads are 2mm pitch as standard, 20mm length of thread.

1 Smaller value is applicable when selecting reduced NPT entry option.
2 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

Technical Data

Material Options	Manufactured in Brass, Nickel Plated Brass or 316L Stainless Steel
Construction & Test Standards	IEC/EN 62444 (Anchorage Type D)
Ingress Protection	IP66, IP67 and to IEC/EN 60529 and NEMA 4X
Enclosure Protection	IK10 to IEC 62262
Deluge Protection	DTS01
Operating Temperature	-60°C to +100°C

Ordering Information

If brass is required please omit material selection. Format for ordering is as follows: Lead sheath must be selected in optional (L) or Alternative Seal (K), Alternative Ring (R), add suffix L or K, and R if required

Cable Gland Type	Size	Thread	Material	(Optional)
153R	C	M32		LR
153R	C	1.25	NP	K

Order Example: 153RCM32LR

Alternative Reversible Armour Clamping Ring Size Selection

Size Ref	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

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