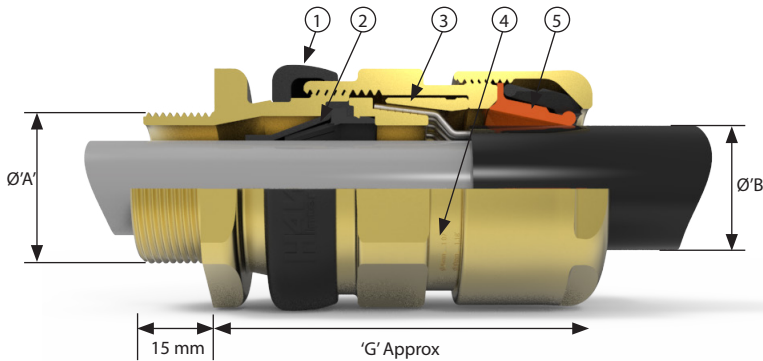




# 153/UNIV

Industrial gland for indoor or outdoor use



- 1 Inspectable Deluge Seal - Offering IP66, IP67, IP68 & IP69 Ingress Protection
- 2 Passive diaphragm seal - Suitable for cables exhibiting 'Cold Flow' Fully inspectable
- 3 Reversible Armour Clamp - For all types of armour and braid.
- 4 Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
- 5 Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range.

The industrial 153/Universal Cable Gland is robust and for use with single wire armour 'W', wire braid 'X', steel tape armour 'Z', elastomer and plastic insulated cables. For particular use with cables that exhibit 'Cold Flow' characteristics.

## Cable Gland Selection Table

Size Ref.	Entry Thread Size 'A'		Cable Acceptance Details						'G'	Hexagon Dimensions	
	Metric	NPT* Standard	Inner Sheath		Outer Sheath 'B'		Armour Braid 'C'			Across Flats	Across Corners
			Min	Max	Min	Max	Orientation 1	Orientation 2			
Os	M20 <sup>2</sup>	½"	3.5	8.1	5.5	12	0.8/1.25	0.0/0.8	58.4	24	26.5
O	M20 <sup>2</sup>	½"	6.5	11.4	9.5	16	0.8/1.25	0.0/0.8	58.4	24	26.5
A	M20	¾" or ½"	8.4	14.3	12.5	20.5	0.8/1.25	0.0/0.8	59.6	30	32.5
B	M25	1" or ¾"	11.1	19.7	16.9	26	1.25/1.6	0.0/0.7	66.4	36	39.5
C	M32	1¼" or 1"	17.6	26.5	22	33	1.6/2.0	0.0/0.7	71.2	46	50.5
C2	M40	1½" or 1¼"	23.1	32.5	28	41	1.6/2.0	0.0/0.7	75.2	55	60.6
D	M50	2" or 1½"	28.9	44.4/42.3 <sup>1</sup>	36	52.6	1.8/2.5	0.0/1.0	98	65	70.8
E	M63	2½" or 2"	39.9	56.3/54.3 <sup>1</sup>	46	65.3	1.8/2.5	0.0/1.0	94.4	80	88.0
F	M75	3" or 2½"	50.5	68.2/65.3 <sup>1</sup>	57	78	1.8/2.5	0.0/1.0	102	95	104.0
G	M80	3½"	67	73	75	89.5	2.0/3.5	0.0/1.0	90.6	106.4	115.0
H	M90	3½"	67	77.6	75	89.5	2.0/3.5	0.0/1.0	90.6	115	130.0
J	M100	4"	75	91.6	88	104.5	2.5/4.0	0.0/1.0	90.6	127	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. 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. G size and above are available in the 153/RAC design style.

<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 outer sheath diameter is 10.9mm

## Technical Data

Construction & Test Standards	BS EN 62444:2013, BS 6121: Part 1 Type E1W, E1X, E1Y and E1Z
Ingress Protection	IP66, IP67, IP68 (30 metres for 7 days, special conditions apply) and IP69 to IEC/EN 60529
Deluge Protection	DTS01
Operating Temperature	-60°C to +80°C

## 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

## Ordering Information

Format for ordering is as follows: Alternative Clamping Ring (AR), add suffix AR to ordering information

Cable Gland Type	Size	Thread	Material	(Optional)
153/UNIV	C	M32	Brass	AR
153/UNIV	C	1¼" NPT	NP Brass	AR

Example Code: 153/UNIV C M32 Stainless