

Cable Glands

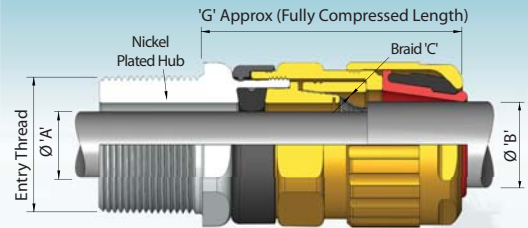
North American Cable Glands/Connectors

General Purpose

153/X

Application

- Outdoor or indoor use.
- For use with armoured marine shipboard jacketed or non-jacketed cable.
- See technical section for installation rules and regulations.



CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Cable Acceptance Details							Hexagon Dimensions		
	NPT Standard or Option	Metric *	Standard Seal		Alternative Seal (S)		Outer Jacket 'B'		Braid 'C'	'G'	Across Flats	Across Corners
			Min.	Max.	Min.	Max.	Min.	Max.				
Os	½"	M20 ²	0.12"	0.31"	-	-	0.22"	0.47"	0.008" / 0.013"	2.04"	0.94"	1.04"
O	½"	M20 ²	0.30"	0.46"	-	-	0.37"	0.63"	0.008" / 0.013"	2.04"	0.94"	1.04"
A	½" or ¾"	M20	0.44"	0.56"	0.34"	0.52"	0.49"	0.81"	0.008" / 0.013"	2.08"	1.18"	1.28"
B	¾" or 1"	M25	0.52"	0.79"	0.38"	0.60"	0.66"	1.02"	0.008" / 0.013"	2.74"	1.42"	1.55"
C	1" or 1¼"	M32	0.75"	1.04"	0.61"	0.83"	0.87"	1.30"	0.008" / 0.013"	2.52"	1.81"	1.98"
C2	1¼" or 1½"	M40	0.99"	1.27"	0.87"	1.10"	1.10"	1.61"	0.008" / 0.013"	2.69"	2.17"	2.38"
D	2" or 1½"	M50	1.24"	1.74" / 1.67" ¹	1.09"	1.37"	1.42"	2.07"	0.008" / 0.013"	3.11"	2.56"	2.78"
E	2½" or 2"	M63	1.68"	2.21" / 2.14" ¹	1.54"	1.83"	1.81"	2.57"	0.008" / 0.013"	3.10"	3.15"	3.46"
F	3" or 2½"	M75	2.15"	2.67" / 2.57" ¹	1.91"	2.29"	2.24"	3.07"	0.008" / 0.013"	3.29"	3.74"	4.09"
H	3½" or 3"	M90	2.64"	3.06"	-	-	2.96"	3.52"	0.008" / 0.013"	4.80"	4.53"	5.23"

All dimensions in inches (except * where dimensions are in millimetres). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, 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

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 jacket diameter is 0.43"

³ UL approved only.

Technical Data

- UL Listed for use Wet Locations.
- UL Listing No: E218332.
- Construction and Test Standards: UL 514B.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C.
- Assembly Instruction Sheet: AI 341.
- Alternative certification options available:



Features

- Provides armour clamping for marine shipboard cable.
- Provides a seal on the cables inner jacket.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured black to indicate General Purpose product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Ordering Information

Format for ordering is as follows: Alternate Clamping Ring (S), add suffix S to ordering information.

Cable Gland / Connector Type	Size	Thread	(OPTIONAL)	Cable Gland / Connector Type	Size	Thread	(OPTIONAL)
153	CX	M32	S	153	CX	1"NPT	S