



**CX**

**CX Single Seal Industrial Cable Gland**

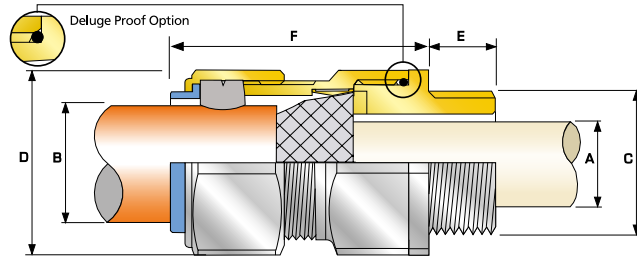
**For Braid, Pliable Wire & Steel Tape Armoured Cables**

- Standard material nickel plated brass
- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60°C to +130°C (standard), -20°C to 200°C (ThermIn option)
- Deluge protection option
- EMC tested



† Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W).

Note: Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below.



**TECHNICAL DATA**

<b>Design Specification</b>	BS 6121:Part 1:1989, IEC 62444, EN 62444
<b>Mechanical Classifications*</b>	Impact = Level 8, Retention = Class D
<b>Enclosure Protection</b>	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
<b>Electrical Classifications*</b>	Category A
<b>GOST R Certificate</b>	POCC GB, ГБ 05.H00187
<b>GOST K Certificate</b>	KZ 7500361.01.01.25266
<b>RoK Permit For Use</b>	19-02-UL-1957
<b>Marine Approvals</b>	LRS: 01/00171 (E1), ABS: 01-LD234401/2-PDA
<b>Ingress Protection Rating</b>	IP66 as standard (IP67, IP68 available upon request)**
<b>Cable Gland Material</b>	Electroless Nickel Plated Brass (standard), Stainless Steel, Aluminium
<b>Seal Material</b>	CMP Thermoset Rubber
<b>Cable Type</b>	Wire Braid Armour, Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA)
<b>Armour Clamping</b>	Detachable Armour Cone & AnyWay Universal Clamping Ring
<b>Sealing Technique</b>	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
<b>Sealing Area(s)</b>	Cable Outer Sheath

\* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

\*\* Refer to [www.cmp-products.com.au](http://www.cmp-products.com.au) for further information on Ingress Protection Ratings

**Cable Gland Selection Table**

Refer to illustration at the top of the page

Dimensions listed below are for metric cable glands only  
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C"		Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range † Grooved Cone (X)		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (Nickel Plated Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Metric	Thread Length "E"		Min	Max	Min	Max				Size	Type	Ordering Suffix		
20s16	M20	10.0	8.7	6.1	13.1	0.3	1.0	24.0	26.4	48.0	20S16	CX	1RA5	PVC04	0.100
20S	M20	10.0	11.7	9.5	15.9	0.3	1.0	24.0	26.4	48.0	20S	CX	1RA5	PVC04	0.100
20	M20	10.0	14.0	12.5	20.9	0.4	1.0	30.5	33.6	48.0	20	CX	1RA5	PVC06	0.147
25S	M25	10.0	20.0	14.0	22.0	0.4	1.2	37.5	41.3	56.0	25S	CX	1RA5	PVC09	0.224
25	M25	10.0	20.0	18.2	26.2	0.4	1.2	37.5	41.3	56.0	25	CX	1RA5	PVC09	0.221
32	M32	10.0	26.0	23.7	33.9	0.4	1.2	46.0	50.6	54.0	32	CX	1RA5	PVC11	0.306
40	M40	15.0	32.2	27.9	40.4	0.4	1.6	55.0	60.5	58.0	40	CX	1RA5	PVC15	0.448
50S	M50	15.0	38.2	35.2	46.7	0.4	1.6	60.0	66.0	61.0	50S	CX	1RA5	PVC18	0.567
50	M50	15.0	44.1	40.4	53.0	0.6	1.6	70.1	77.1	60.0	50	CX	1RA5	PVC21	0.751
63S	M63	15.0	50.0	45.6	59.4	0.6	1.6	75.0	82.5	74.0	63S	CX	1RA5	PVC23	1.036
63	M63	15.0	56.0	54.6	65.8	0.6	1.6	80.0	88.0	71.0	63	CX	1RA5	PVC25	1.016
75S	M75	15.0	62.0	59.0	72.0	0.6	1.6	90.0	99.0	86.0	75S	CX	1RA5	PVC28	1.787
75	M75	15.0	64.2	66.7	78.4	0.6	1.6	100.0	110.0	82.0	75	CX	1RA5	PVC30	2.091
90	M90	24.0	78.6	76.2	90.3	0.8	1.6	114.3	125.7	95.0	90	CX	1RA5	PVC32	3.044
100	M100	24.0	91.0	86.1	101.4	0.8	1.6	123.0	135.3	95.0	100	CX	1RA5	LSF33	3.132
115	M115	24.0	98.0	101.5	110.2	0.8	1.6	133.4	146.7	107.5	115	CX	1RA5	LSF34	4.476
130	M130	24.0	115.0	110.2	123.2	0.8	1.6	152.4	167.6	110.0	130	CX	1RA5	LSF35	5.761

Dimensions are displayed in millimetres unless otherwise stated

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