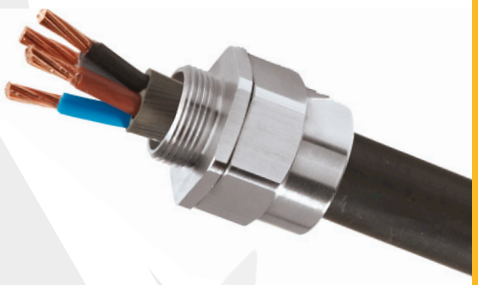
BWL



BWL HEAVY DUTY INDUSTRIAL CABLE GLAND

FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMOURED CABLES

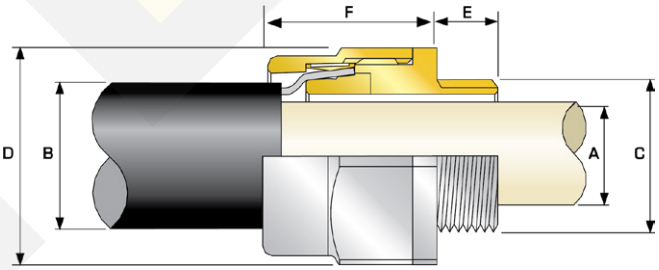
- High quality durable materials
- Simple, effective two part arrangement
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Robust, heavy duty design
- Longer body protects armour wires from impact
- -60˚C to +200˚C
- Superior EMC performance

EMC +200˚C -60˚C

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121: Part 1: 1989
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules)
ELECTRICAL CLASSIFICATIONS*	Category B
INGRESS PROTECTION RATING**	IP2X
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass
CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.

GLOBAL PRODUCT CERTIFICATION	
GOST R CERTIFICATE	POCC GB.HA46.H00140
MARINE APPROVALS	LRS: 01/00171 , ABS: 16-LD1472056-PDA



COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)		CABLE BEDDING DIAMETER "A"	OVERALL CABLE DIAMETER "B"	ARMOUR RANGE		ACROSS FLATS "D"	ACROSS CORNERS "D"	PROTRUSION LENGTH "E"	SHROUD	CABLE GLAND WEIGHT (kgs)
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) "E"	MAX	MAX	MIN	MAX	MAX	MAX			
20S16	BWL	1RA	M20	10.0	8.7	13.2	0.8	1.25	24.0	26.4	35.2	PVC04	0.084
20S	BWL	1RA	M20	10.0	11.7	15.9	0.8	1.25	24.0	26.4	32.2	PVC04	0.076
20	BWL	1RA	M20	10.0	14.0	20.9	0.8	1.25	30.5	33.6	30.6	PVC06	0.117
25	BWL	1RA	M25	10.0	20.0	26.2	1.25	1.6	36.0	39.6	36.4	PVC09	0.155
32	BWL	1RA	M32	10.0	26.3	33.9	1.6	2.0	46.0	50.6	32.6	PVC11	0.220
40	BWL	1RA	M40	15.0	32.2	40.4	1.6	2.0	55.0	60.5	36.6	PVC15	0.370
50S	BWL	1RA	M50	15.0	38.2	46.7	2.0	2.5	60.0	66.0	39.6	PVC18	0.468
50	BWL	1RA	M50	15.0	44.1	53.1	2.0	2.5	70.1	77.1	39.1	PVC21	0.434
63S	BWL	1RA	M63	15.0	50.0	59.4	2.0	2.5	75.0	82.5	52.0	PVC23	0.846
63	BWL	1RA	M63	15.0	56.0	65.9	2.0	2.5	80.0	88.0	49.8	PVC25	0.818
75S	BWL	1RA	M75	15.0	62.0	72.1	2.0	2.5	90.0	99.0	63.7	PVC28	1.486
75	BWL	1RA	M75	15.0	68.0	78.5	2.5	3.0	100.0	110.0	57.3	PVC30	1.662
90	BWL	1RA	M90	24.0	80.0	90.4	3.15	4.0	114.3	125.7	66.6	PVC32	2.460

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'

Example: 32BWL1RA5 = Nickel Plated Brass

Dimensions are displayed in millimetres unless otherwise stated

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