

# BW

## BW INDUSTRIAL CABLE GLAND

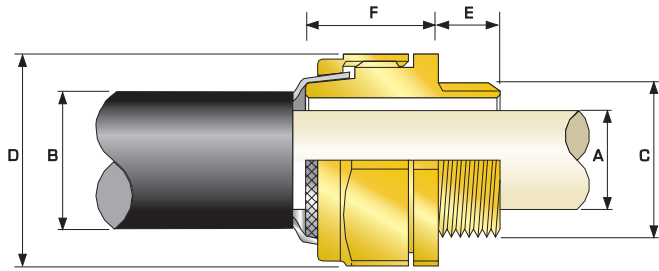
### FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMoured CABLES

- High quality durable materials
- Simple, effective two part arrangement
- Direct and remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- -60°C to +200°C
- Superior EMC performance



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
CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
ARMOUR CLAMPING	Two Part Armour Lock
CABLE GLAND KITS AVAILABLE	Cable Gland Kit for use with all types of SWA cable, including 2 Brass Cable Glands, 2 Steel Locknuts, 2 Brass Earth Tags and 2 PVC Shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component.

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



\*Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444. As IEC 62444 and EN 62444 do not cover cable glands which are supplied without cable sealing rings, the information provided here is for information only. \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information.

COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)		CABLE BEDDING DIAMETER 'A'	OVERALL CABLE DIAMETER 'B'	ARMOUR RANGE		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) 'E'	MAX	MAX	MIN	MAX	MAX	MAX			
20S	BW	1AA	M20	10.0	11.7	15.8	0.8	1.25	22.0	24.2	18.5	PVC04	0.052
20	BW	1AA	M20	10.0	14.0	21.1	0.8	1.25	28.0	30.8	22.5	PVC05	0.088
25	BW	1AA	M25	10.0	20.0	27.2	1.25	1.6	33.0	36.3	21.5	PVC07	0.110
32	BW	1AA	M32	10.0	26.3	34.1	1.6	2.0	41.0	45.1	22.5	PVC10	0.149
40	BW	1AA	M40	15.0	32.2	42.4	1.6	2.0	50.0	55.0	30.0	PVC13	0.316
50S	BW	1AA	M50	15.0	38.2	50.1	2.0	2.5	57.1	62.8	30.0	PVC16	0.468
50	BW	1AA	M50	15.0	44.1	55.7	2.0	2.5	65.0	71.5	32.0	PVC19	0.477
63S	BW	1AA	M63	15.0	50.0	62.4	2.0	2.5	75.0	82.5	41.3	PVC23	0.632
63	BW	1AA	M63	15.0	56.0	68.2	2.0	2.5	79.0	86.9	41.3	PVC24	0.890
75S	BW	1AA	M75	15.0	62.0	76.8	2.0	2.5	89.0	97.9	47.6	PVC27	1.268
75	BW	1AA	M75	15.0	68.0	82.9	2.5	3.0	95.0	104.5	49.6	PVC29	1.400

\*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass 'S'

Example: 32BW1AA5 = Nickel Plated Brass

Dimensions are displayed in millimetres unless otherwise stated