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Cable Gland:- Type BW



BW type glands provide an integral armour clamp for armoured cable. The integral armour clamp provides an electrical bond between the cable armour and the gland. BW type glands maintain IP30.

DESIGN STANDARD	BS 6121:1989		
GLAND MARKING	Example: BS6121 Part 1 BW [size] [thread] PCGL (or PEPPERS)		
INGRESS PROTECTION	IP30		
MATERIALS	Brass CZ121		
VARIATIONS	All variants of the BW type gland feature a separate armour clamping ring to allow for inspection of the clamped armour:- Brass (BWL) Integral Earth version for HV applications: Brass (BWLIE)		
OPERATING TEMPERATURES	-100°C to +600°C		
OPTIONS	THREADS	ISO Metric only	
	CLAMPS	SWA Clamping using gland body (BW) SWA steel wire armour - clamping ring (BWL) SWB woven steel wire armour or STA steel tape armour - clamping ring (BXL/BZL)	
	PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)	
ACCESSORIES	Locknut - Brass (ACBLN); Steel (ACMLN) Earth Tag - Brass (ACBET) Shroud - PVC (ACSPVC) Gland and accessory kits: K1- includes gland, steel locknut, earhtag and PVC shroud		
EXAMPLE PART NUMBER	Sample: BW K1/ZP/20S/M20 BW: BW - Gland type, armour type (SWA) and body material (Brass) K1 - Supplied complete with accessories (PVC Shroud) ZP - Zinc plating 20s - Gland size with regards to cable acceptance range M20 - Entry thread		

Gland Size	Entry Threads	Entry Thread Length	Max Across Corners	Max Protrusion Length	Gland Seal Range				Armour Acceptance Range		Shroud Size
					Cable Inner Sheath [C]		Cable Outer Sheath [D]		W	XZ Clamp Ring Version Only	
	Metric	[B]	[A]	Min	Max	Min	Max				
20s	M20	10	24.2	20.0	-	11.7	-	16.0	0.90-1.25	0.15-0.35	S22
20	M20	10	29.7	20.0	-	14.0	-	21.0	0.90-1.25	0.15-0.50	S27
25	M25	10	45.1	22.0	-	20.0	-	27.4	1.25-1.60	0.15-0.50	S36
32	M32	10	50.6	25.0	-	26.3	-	34.0	1.60-2.00	0.15-0.55	S41
40	M40	15	60.5	30.0	-	32.2	-	40.6	1.60-2.00	0.20-0.60	L55
50	M50	15	71.5	32.0	-	44.1	-	53.2	2.00-2.50	0.20-0.60	L65
63	M63	15	88.0	42.0	-	56.0	-	65.8	2.50	0.30-0.80	L80
75	M75	15	99.0	50.0	-	68.0	-	78.0	2.50	0.30-1.00	L90
80	M80	20	115.2	50.0	-	72.0	-	84.0	3.15	0.45-1.00	S104
85	M85	20	115.2	50.0	-	78.0	-	90.0	3.15	0.45-1.00	S104
90	M90	20	125.7	50.0	-	84.0	-	96.0	3.15	0.45-1.00	S114
100	M100	20	125.7	50.0	-	90.0	-	102.0	-3.15	0.45-1.00	S114

All Dimensions are in Millimetres

NOTES:

- Gland Size does not necessarily equate to the entry thread size
- "W" refers to the wire diameter in a steel wire armoured cable
- Unless otherwise stated ISO Metric entry threads have a 1.5mm pitch
- Shroud sizes above are for type BW only
- Full assembly instructions are available upon request, the instructions should be read prior to installation and adhered to in full

<http://www.cableglands.com>