



Brass

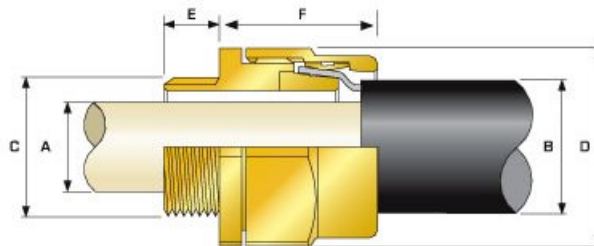
BWL Heavy Duty Industrial Cable Gland

CMP BWL type brass indoor cable gland for use with all types of Single Wire Armour (SWA) cable providing mechanical cable retention and electrical continuity via armour wire termination.

All CMP Cable Glands are EMC Tested.

The heavy duty BWL design offers the benefit of a longer body to protect the armour wires from impact.

The CMP BWL range of industrial cable glands is designed and tested to [BS6121:2005](#), and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168



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Cable Gland Selection Table

Cable Gland Size	Entry Thread "C"	Minimum Thread Length "E"	Cable Bedding Diameter "A"	Overall Cable Diameter "B"	Armour Range +		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (Brass Metric)	PVC Shroud Ref *	Cable Gland Weight (Kgs)
			Max	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	13.4	0.9	0.9	24.0	25.9	22.0	20S16BWL 1RA	PVC04	0.100
20S	M20	10.0	11.7	15.9	0.9	1.25	24.0	25.9	22.0	20SBWL 1RA	PVC04	0.100
20	M20	10.0	14.0	20.9	0.9	1.25	30.5	32.9	28.0	20BWL 1RA	PVC06	0.130
25	M25	10.0	20.0	26.2	1.25	1.6	37.5	40.5	32.0	25BWL 1RA	PVC09	0.170
32	M32	10.0	26.3	33.9	1.6	2.0	46.0	49.7	34.0	32BWL 1RA	PVC11	0.282
40	M40	15.0	32.2	40.4	1.6	2.0	55.0	59.4	36.0	40BWL 1RA	PVC13	0.410
50S	M50	15.0	38.2	46.7	2.0	2.5	60.0	64.8	36.0	50SBWL 1RA	PVC17	0.469
50	M50	15.0	44.1	53.1	2.0	2.5	70.0	75.6	38.0	50BWL 1RA	PVC20	0.434
63S	M63	15.0	50.0	59.4	2.5	2.5	75.0	81.0	44.0	63SBWL 1RA	PVC22	0.883
63	M63	15.0	56.0	65.9	2.5	2.5	80.0	86.4	44.0	63BWL 1RA	PVC25	0.990
75S	M75	15.0	62.0	72.1	2.5	2.5	89.0	96.1	50.0	75SBWL 1RA	PVC28	1.506
75	M75	15.0	68.0	78.5	2.5	3.15	99.0	106.9	50.0	75BWL 1RA	PVC30	1.954
90	M90	15.0	80.0	90.4	3.15	3.15	114.0	123.1	55.0	90BWL 1RA	PVC32	2.902

Dimensions are displayed in millimetres unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. + Alternative armour clamping range available for non-standard armour sizes.

Cable Gland Size	Entry Thread "C"	Minimum Thread Length "E"	Cable Bedding Diameter "A"	Overall Cable Diameter "B"	Armour Range +		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (Brass Metric)	PVC Shroud Ref *	Cable Gland Weight (Ozs)
			Max	Max	Min	Max	Max	Max				
20S/16	M20	0.394	0.343	0.528	0.035	0.035	0.945	1.020	0.866	20S16BWL 1RA	PVC04	3.53
20S	M20	0.394	0.461	0.626	0.035	0.049	0.945	1.020	0.866	20SBWL 1RA	PVC04	3.53
20	M20	0.394	0.551	0.823	0.035	0.049	1.201	1.295	1.102	20BWL 1RA	PVC06	4.59
25	M25	0.394	0.787	1.031	0.049	0.063	1.476	1.594	1.260	25BWL 1RA	PVC09	6.00
32	M32	0.394	1.035	1.335	0.063	0.079	1.811	1.957	1.339	32BWL 1RA	PVC11	9.95
40	M40	0.591	1.268	1.591	0.063	0.079	2.165	2.339	1.417	40BWL 1RA	PVC13	14.46
50S	M50	0.591	1.504	1.839	0.079	0.098	2.362	2.551	1.417	50SBWL 1RA	PVC17	16.54
50	M50	0.591	1.736	2.091	0.079	0.098	2.756	2.976	1.496	50BWL 1RA	PVC20	15.31
63S	M63	0.591	1.969	2.339	0.098	0.098	2.953	3.189	1.732	63SBWL 1RA	PVC22	31.16
63	M63	0.591	2.205	2.594	0.098	0.098	3.150	3.402	1.732	63BWL 1RA	PVC25	34.92
75S	M75	0.591	2.441	2.839	0.098	0.098	3.504	3.783	1.969	75SBWL 1RA	PVC28	53.12
75	M75	0.591	2.677	3.091	0.098	0.124	3.898	4.209	1.696	75BWL 1RA	PVC30	68.93
90	M90	0.591	3.150	3.559	0.124	0.124	4.488	4.846	2.165	90BWL 1RA	PVC32	102.37

Dimensions are displayed in inches unless otherwise stated

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Technical Data

GOST R Certificate Number	POCC GB.06.H00187
GOST GGTN Permit	PPC 00-40706
GOST K Certificate Number	KZ 75000361 01 01 14761
RoK Permit For Use Number	19-02-UL-1957
Lloyds Approval No.	01/00171
ABS Approval No.	01-LD234401/1-PDA
Type	BWL
Design Specification	BS 6121 : Part 1:2005
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP2X
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Armour Cone & AnyWay Universal Clamping Ring
Accessories	Adaptor/Reducer , Locknut , Serrated Washer , Entry Thread Seal , Shroud

