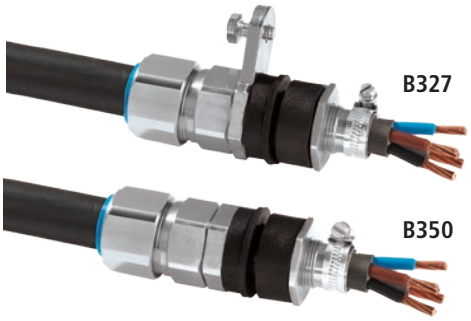


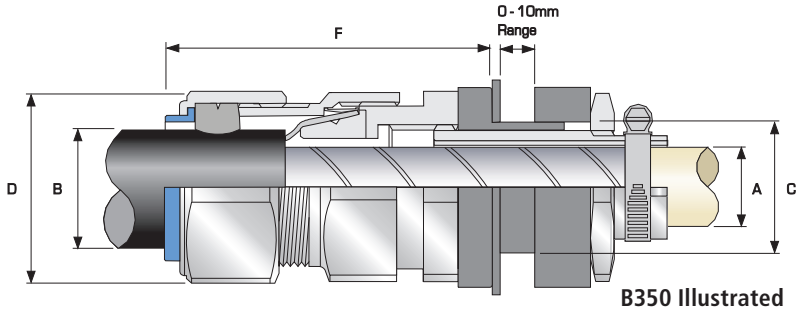


B350 Illustrated

# B327 B350 ZEN

## Insulated Industrial Cable Gland

### For all types of Steel & Aluminium Wire Armoured Cables with a Metallic Tape Screen

- High quality durable materials
- Robust, heavy duty insulated design
- Metal-to-metal armour clamping
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Direct & remote installation
- Enables zoning of earthed neutral systems
- Eliminates circulating currents
- High capacity external earth connection (B327)
- Third party short circuit tested
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60˚C to +130˚C
- EMC tested

*Note: Earth Tags can only be fitted to the B350 & A350 ZEN gland types.*

*The Symmetrical Fault Current (kA) rating for 1 second applicable to the Cast Integral Earth Lug featured in the B327 and A327 products are as follows:*
*26.0 kA for Cable Gland sizes up to 40*
*43.0 kA for Cable Gland sizes 50S and above*

*Please refer to the CMP CW CIEL product page for dimensional details of the Cast Integral Earth Lug feature included in the B327 and A327 designs.*

*Aluminium version available for AWA cables. When ordering please substitute letter B in B327 & B350 with letter A.*

| TECHNICAL DATA | |
|---|---|
| Type | B327 / B350 |
| Design Specification | BS 6121:Part 1:1989, GDCD 190, IEC 62444, EN 62444 |
| Mechanical Classifications* | Impact = Level 8, Retention = Class D |
| Enclosure Protection | IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only |
| Electrical Classifications* | Category B (B350) & Category C (B327) |
| GOST R Certificate | РОСС GB.ГБ05.H00187 |
| GOST K Certificate | KZ 7500361.01.01.25266 |
| RoK Permit For Use | 19-02-UL-1957 |
| Ingress Protection Rating | IP66** |
| Cable Gland Material | Brass |
| Alternative Cable Gland Material | Nickel Plated Brass, Aluminium, Stainless Steel |
| Seal Material | CMP Thermoset Rubber |
| Cable Type | Single Wire Armour (SWA), Aluminium Wire Armour (AWA) with Metallic Tape Screen |
| Armour Clamping | Three Part Armour Lock With AnyWay Universal Clamping Ring |
| Sealing Technique | Unique CMP 'LRS' Outer Seal (Load Retention Seal) |
| Sealing Area(s) | Cable Outer Sheath |

*Note : * Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444*
*Note : ** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings*

## Cable Gland Selection Table

Refer to illustration at the top of the page

| Cable Gland Size | Clearance Hole Diameter "C" | Cable Bedding Diameter "A" | Overall Cable Diameter "B" | | Armour Range | | Across Flats "D" | Across Corners "D" | Protrusion Length "F" | Ordering Reference (Brass Metric) | | Shroud (B350) | Cable Gland Weight (Kgs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Max | Min | Max | Min | Max | Max | Max | | With CIEL Lug (B327) | Without CIEL Lug (B350) | | |
| 20S | 20.6 | 11.6 | 9.5 | 15.9 | 0.8 | 1.25 | 24.0 | 26.4 | 58.6 | 20SB3271RA | 20SB3501RA | PVC04 | 0.160 |
| 20 | 20.6 | 13.9 | 12.5 | 20.9 | 0.8 | 1.25 | 30.5 | 33.6 | 59.9 | 20B3271RA | 20B3501RA | PVC06 | 0.220 |
| 25S | 25.6 | 19.9 | 14.0 | 22.0 | 1.25 | 1.6 | 37.5 | 41.3 | 69.1 | 25SB3271RA | 25SB3501RA | PVC09 | 0.340 |
| 25 | 25.6 | 19.9 | 18.2 | 26.2 | 1.25 | 1.6 | 37.5 | 41.3 | 69.1 | 25B3271RA | 25B3501RA | PVC09 | 0.340 |
| 32 | 32.6 | 26.2 | 23.7 | 33.9 | 1.6 | 2.0 | 46.0 | 50.6 | 67.6 | 32B3271RA | 32B3501RA | PVC11 | 0.440 |
| 40 | 40.6 | 32.1 | 27.9 | 40.4 | 1.6 | 2.0 | 55.0 | 60.5 | 73.1 | 40B3271RA | 40SB3501RA | PVC15 | 0.710 |
| 50S | 50.7 | 38.1 | 35.2 | 46.7 | 2.0 | 2.5 | 60.0 | 66.0 | 72.1 | 50SB3271RA | 50SB3501RA | PVC18 | 0.820 |
| 50 | 50.7 | 44.0 | 40.4 | 53.0 | 2.0 | 2.5 | 70.1 | 77.1 | 74.2 | 50B3271RA | 50B3501RA | PVC21 | 1.060 |
| 63S | 63.7 | 49.9 | 45.6 | 59.4 | 2.0 | 2.5 | 75.0 | 82.5 | 86.2 | 63SB3271RA | 63SB3501RA | PVC23 | 1.510 |
| 63 | 63.7 | 55.9 | 54.6 | 65.8 | 2.0 | 2.5 | 80.0 | 88.0 | 86.1 | 63B3271RA | 63B3501RA | PVC25 | 1.530 |
| 75S | 75.7 | 61.9 | 59.0 | 72.0 | 2.0 | 2.5 | 90.0 | 99.0 | 96.5 | 75SB3271RA | 75SB3501RA | PVC28 | 2.100 |
| 75 | 75.7 | 67.9 | 66.7 | 78.4 | 2.5 | 3.0 | 100.0 | 110.0 | 95.3 | 75B3271RA | 75B3501RA | PVC30 | 2.620 |
| 90 | 90.8 | 79.4 | 76.2 | 90.3 | 3.15 | 4.0 | 115.0 | 126.5 | 107.6 | 90B3271RA | 90B3501RA | PVC32 | 3.740 |

*Dimensions are displayed in millimetres unless otherwise stated*