

ROSCWK.

Table 2 — Glands for single wire armoured cables (types BW, CW, DIW, D2W, E1W and E2W)

| Size designation | 16 ^a | | 20S | | 20 | | 25 | | 32 | | 40 | | 50S | | 50 | | 63S | | 63 | | 75S | | 75 | |
|---|-------------------|-------------|-------------------|-------------|-------------------|------------|-------------------|------------|-------------------|------|-------------------|------|-------------------|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|
| | M16 | M20 | M20 | M25 | M25 | M32 | M40 | M50 | M50 | M63 | M63 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 | M75 |
| Nominal thread size x 1.5g - 6g, mm | 10 | 10 | 10 | 10 | 10 | 10 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Minimum length of thread on threaded fixing component, mm | 8.7 | 11.7 | 14.0 | 20.0 | 26.3 | 32.2 | 38.2 | 44.1 | 50.0 | 56.0 | 62.0 | 68.0 | 73.9 | 79.8 | 85.7 | 91.6 | 97.5 | 103.4 | 109.3 | 115.2 | 121.1 | 127.0 | 132.9 | 138.8 |
| Bore ^b (Threaded fixing component), mm | 8.5 | 11.6 | 13.9 | 19.9 | 26.2 | 32.1 | 38.1 | 44.0 | 50.0 | 55.9 | 61.9 | 67.9 | 73.9 | 79.8 | 85.7 | 91.6 | 97.5 | 103.4 | 109.3 | 115.2 | 121.1 | 127.0 | 132.9 | 138.8 |
| Maximum under armour diameter, mm | 43 | 43 | 43 | 43 | 50 | 50 | 55 | 65 | 65 | 75 | 75 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Maximum protrusion from mounting face | Types B and D, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | | Types C and E, mm | |
| | 55 | 55 | 55 | 70 | 70 | 70 | 70 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Gland maximum diameter across corners, mm | 26 | 32 | 38 | 51 | 55 | 55 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| Armour wire diameter, mm | 0.9 | 0.9 or 1.25 | 0.9 or 1.25 | 1.25 or 1.6 | 1.6 or 2.0 | 1.6 or 2.0 | 2.0 or 2.5 | 2.0 or 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Maximum overall diameter of cable, mm | 13.2 | 15.8 | 20.8 | 27.2 | 33.5 | 39.9 | 46.3 | 52.6 | 58.9 | 65.3 | 71.6 | 78.0 | 84.3 | 90.6 | 96.9 | 103.2 | 109.5 | 115.8 | 122.1 | 128.4 | 134.7 | 141.0 | 147.3 | 153.6 |
| Proof torque, N m | 65 | 65 | 65 | 95 | 110 | 130 | 165 | 165 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 | 195 |
| Diameter of test mandrel ^b and minimum diameter of cable | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | | Inner seal, mm | |
| | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| Slip test load, kN | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | | Outer seal, mm | |
| | 8.4 | 12.9 | 15.5 | 20.3 | 26.7 | 33.0 | 39.4 | 45.7 | 52.1 | 58.4 | 64.8 | 71.1 | 77.5 | 83.8 | 90.2 | 96.5 | 102.9 | 109.2 | 115.6 | 121.9 | 128.3 | 134.6 | 141.0 | 147.3 |

^a This size gland is available with a M20 entry thread.
^b Subject to the following tolerances:
 +0.5 mm for glands of size 32 mm above;
 +0.3 mm for glands of size 25 mm and below.

