# CABLE GLAND SELECTION TABLE

**OPTIONS**

- **Accessories:**
  - **Locknut:**
  - **IP Washer:**
  - **Serrated Washer:**
  - **Earth Tag:**
  - **Locknut:**

**Materials:**

- **Brass:**
- **Stainless Steel:**
- **Electroless Nickel:**

**Certification No:**

- **ATEX:**
- **IECEx:**
- **NEC - USA:**
- **SAE:**
- **INMETRO - Brazil:**
- **ABS:**
- **Lloyd’S:**
- **RMRs:**

**Single Compression Gland with a Freely Rotating Male Conduit Connection**

**Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68 : Class I Div 2 : AEx e : AEx ta**

### Product Description

“A*RCM” type glands are certified Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIIA, IIB and IIC. They provide a controlled pull resistant environmental displacement seal on the cable outer sheath, minimising damage to cables that exhibit “cold flow” characteristics. The gland maintains IP66 & IP68 to 50 metres and is supplied with an IP O-ring seal as standard on metric entry threads. The gland features a freely rotating male threaded connection for ease of installation.

### Compliance Standards

- **IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-9, IEC 60079-15, IEC 60079-31**
- **EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-9, EN 60079-15, EN 60079-31**
- **UL 514B, UL 1203, UL 50E, ANSI/UL 60079-0/7, ISA 60079-31 & IEC 60529**

### Accessory Specifications

- **Thread Reference Tables**
- **Gland Size does not necessarily equate to the entry thread size.**
- **The IP O-ring seal is only available on metric entry threads. IP washers can be supplied for tapered entry threads.**
- **Gland size does not necessarily equate to the entry thread size.**
- **Dimensions (A) (B) may differ for glands with non metric entry threads. Please refer to our “Thread Reference Tables” for specific dimensions.**
- **When selecting IP Washer & Shroud material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.**
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<table>
<thead>
<tr>
<th>Gland Size</th>
<th>Metric Thread Length</th>
<th>Conduit Connection Thread</th>
<th>Cable Acceptance Outer Size [D]</th>
<th>Nominal Protrusion Length [L]</th>
<th>Dimensions/Weight (Metric Versions)</th>
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<tbody>
<tr>
<td>12</td>
<td>M12 x 1.5</td>
<td>3/8”</td>
<td>0.9</td>
<td>19.0</td>
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<tr>
<td>12</td>
<td>M16 x 1.5</td>
<td>3/8” or 1/2”</td>
<td>0.9</td>
<td>32.4</td>
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<tr>
<td>16</td>
<td>M16 x 1.5</td>
<td>1/2” or 3/4”</td>
<td>4.0</td>
<td>25.4</td>
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<td>20</td>
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<td>9.4</td>
<td>30.0</td>
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<td>37.6</td>
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<td>32</td>
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<td>18.5</td>
<td>46.0</td>
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