1 **Unique Rear Sealing System**
This arrangement offers IP66, IP67, IP68 (30 metres for 7 days), NEMA 4X and Deluge (DTS01) Ingress Protection. The seal is manufactured from a silicone material, has LSFZH properties, is ozone and oil resistant and is suitable for use at both high and low temperatures. The Rear Sealing System covers the entire range of cable diameters without the need for special seals and the cable acceptance range is stamped on the backnut for ease of inspection. The backnut can be hand tightened, with only one further spanner turn required to ensure IP66, IP67, IP68 and NEMA 4X.

2 **The Original Reversible Armour Clamp**
The original RAC clamping system was invented by Hawke over 10 years ago and is a well established proven performer in all conditions. Simply by reversing the clamping ring, the cable gland can adjust to accommodate all types of cable armour or braid. Unlike many of our competitors, the correct stamping orientation is marked clearly with a ‘W’, ‘Z’ or ‘X’ and backed up by the presence of a groove in the component. Hawke’s RAC clamping system is also fully Inspectable when positioned on the cable.

**Optional Inspectable Deluge Seal**
Hawke’s Inspectable deluge seal offers IP66 and IP67 sealing and is certified as ‘deluge proof’ by ITS in accordance with DTS01. Indeed, Hawke’s deluge seal is so good that it exceeds the expectations of the offshore industry by not only preventing ingress into the equipment, but also into the cable gland, which could potentially corrode the cable armour.
### Features
- Provides a cable retention seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

#### Technical Data
- Construction and Test Standards: EN 50262, BS 6121: Part 1 Type A2.
- Ingress Protection: IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +100°C.
- Assembly Instruction Sheet: AI 392.

### Ordering Information
Format for ordering is as follows: Alternate Clamping Ring (S), add suffix S to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>C</td>
<td>M32</td>
<td>S</td>
<td>121</td>
<td>C</td>
<td>1 ½&quot;NPT</td>
<td>S</td>
</tr>
</tbody>
</table>

### CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Metric</th>
<th>NPT * Standard or Option</th>
<th>Cable Acceptance Details</th>
<th>'G' (Fully Compressed Length)</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Across Flats</td>
</tr>
<tr>
<td>2K</td>
<td>M16</td>
<td>-</td>
<td></td>
<td>STD Seal</td>
<td>3.0</td>
<td>23.5</td>
</tr>
<tr>
<td>Os</td>
<td>M20²</td>
<td>½&quot;</td>
<td></td>
<td>STD Seal</td>
<td>3.0</td>
<td>23.8</td>
</tr>
<tr>
<td>O</td>
<td>M20²</td>
<td>⅜&quot;</td>
<td></td>
<td>STD Seal</td>
<td>7.5</td>
<td>23.8</td>
</tr>
<tr>
<td>A</td>
<td>M20</td>
<td>¼&quot; or ½&quot;</td>
<td></td>
<td>STD Seal</td>
<td>11.0</td>
<td>24.8</td>
</tr>
<tr>
<td>B</td>
<td>M25</td>
<td>1&quot; or ¾&quot;</td>
<td></td>
<td>STD Seal</td>
<td>13.0</td>
<td>25.8</td>
</tr>
<tr>
<td>C</td>
<td>M32</td>
<td>1¼&quot; or 1&quot;</td>
<td></td>
<td>STD Seal</td>
<td>19.0</td>
<td>28.2</td>
</tr>
<tr>
<td>C²</td>
<td>M40</td>
<td>1½&quot; or 1¼&quot;</td>
<td></td>
<td>STD Seal</td>
<td>25.0</td>
<td>29.5</td>
</tr>
<tr>
<td>D</td>
<td>M50</td>
<td>2&quot; or 1½&quot;</td>
<td></td>
<td>STD Seal</td>
<td>31.5</td>
<td>40.4</td>
</tr>
<tr>
<td>E</td>
<td>M63</td>
<td>2½&quot; or 2&quot;</td>
<td></td>
<td>STD Seal</td>
<td>42.5</td>
<td>38.2</td>
</tr>
<tr>
<td>F</td>
<td>M75</td>
<td>3&quot; or 2½&quot;</td>
<td></td>
<td>STD Seal</td>
<td>54.5</td>
<td>40.5</td>
</tr>
<tr>
<td>G</td>
<td>M80</td>
<td>3½&quot;</td>
<td></td>
<td>STD Seal</td>
<td>67.0</td>
<td>41.0</td>
</tr>
<tr>
<td>H</td>
<td>M90</td>
<td>3¾&quot;</td>
<td></td>
<td>STD Seal</td>
<td>67.0</td>
<td>41.0</td>
</tr>
<tr>
<td>J</td>
<td>M100</td>
<td>4&quot;</td>
<td></td>
<td>STD Seal</td>
<td>75.0</td>
<td>41.0</td>
</tr>
</tbody>
</table>

All dimensions in millimetres (except * where dimensions are in inches). 2K - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

1 Smaller value is applicable when selecting reduced NPT entry option.
2 Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable outer sheath diameter is 10.9mm.
Features
• Provides a cable retention seal onto the cables outer sheath.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application
• Outdoor or indoor use.
• For use with non-armoured elastomer and plastic insulated cables.
• May be used on cables incorporating inner and outer cable sheath at two independent sealing points.

Cable Glands
Industrial

CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>‘G’</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metric</td>
<td>NPT * Standard or Option</td>
<td>Outer Sheath ‘B’</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standard Seal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Min.</td>
</tr>
<tr>
<td>Os</td>
<td>M20²</td>
<td>½”</td>
<td>3.0</td>
</tr>
<tr>
<td>O</td>
<td>M20²</td>
<td>½”</td>
<td>7.5</td>
</tr>
<tr>
<td>A</td>
<td>M20</td>
<td>¾” or ⅛”</td>
<td>11.0</td>
</tr>
<tr>
<td>B</td>
<td>M32</td>
<td>1¼” or ¾”</td>
<td>13.0</td>
</tr>
<tr>
<td>C</td>
<td>M32</td>
<td>1¼” or 1”</td>
<td>19.0</td>
</tr>
<tr>
<td>C2</td>
<td>M40</td>
<td>1½” or 1¼”</td>
<td>25.0</td>
</tr>
<tr>
<td>D</td>
<td>M50</td>
<td>2” or 1½”</td>
<td>31.5</td>
</tr>
<tr>
<td>E</td>
<td>M63</td>
<td>2½” or 2”</td>
<td>42.5</td>
</tr>
<tr>
<td>F</td>
<td>M75</td>
<td>3” or 2½”</td>
<td>54.5</td>
</tr>
<tr>
<td>G</td>
<td>M80</td>
<td>3½”</td>
<td>67.0</td>
</tr>
<tr>
<td>H</td>
<td>M90</td>
<td>3¾”</td>
<td>67.0</td>
</tr>
<tr>
<td>J</td>
<td>M100</td>
<td>4”</td>
<td>75.0</td>
</tr>
</tbody>
</table>

All dimensions in millimetres (except * where dimensions are in inches). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

¹ Smaller value is applicable when selecting reduced NPT entry option.
² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable outer sheath diameter is 10.9mm

Technical Data
• Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type A2.
• Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529.
• Deluge Protection to DTS01.
• Operating Temperature Range: -60°C to +100°C.
• Assembly Instruction Sheet: AI 398.

Ordering Information
Format for ordering is as follows: Alternate Clamping Ring (S), add suffix S to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>123</td>
<td>C</td>
<td>M32</td>
<td>S</td>
<td>123</td>
<td>C</td>
<td>1½”NPT</td>
<td>S</td>
</tr>
</tbody>
</table>

Connection Solutions
www.ehawke.com
**Application**

- Outdoor or indoor use.
- For use with single wire armour 'W', wire braid 'X', aluminium strip armour 'Y', and steel tape armour 'Z' elastomer and plastic insulated cables.
- For particular use with:
  - Cables that exhibit 'Cold Flow' characteristics.

---

**Features**

- Provides armour clamping using one clamping arrangement for all armour / braid types.
- Provides a diaphragm seal on the cables inner sheath which will not damage cable that has 'Cold Flow' characteristics.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour / braid.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

---

**Technical Data**

- Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type E1W, E1X, E1Y and E1Z.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +80°C.
- Assembly Instruction Sheet: AI 372 (Sizes Os to F) and AI 303 (Sizes G to J).

---

**Cable Gland Selection Table**

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>'G'</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metric</td>
<td>NPT * Standard or Option</td>
<td>Inner Sheath 'A'</td>
<td>Outer Sheath 'B'</td>
</tr>
<tr>
<td>Os</td>
<td>M20²</td>
<td>⅛&quot;</td>
<td>3.0</td>
<td>8.1</td>
</tr>
<tr>
<td>O</td>
<td>M20²</td>
<td>½&quot;</td>
<td>6.5</td>
<td>11.5</td>
</tr>
<tr>
<td>A</td>
<td>M20 ¾&quot; or ½&quot;</td>
<td>8.4</td>
<td>14.3</td>
<td>12.5</td>
</tr>
<tr>
<td>B</td>
<td>M25 1&quot; or ⅜&quot;</td>
<td>11.1</td>
<td>19.7</td>
<td>16.9</td>
</tr>
<tr>
<td>C</td>
<td>M32 ⅔&quot; or ⅝&quot;</td>
<td>17.6</td>
<td>26.5</td>
<td>22.0</td>
</tr>
<tr>
<td>C2</td>
<td>M40 ⅞&quot; or ⅜&quot;</td>
<td>23.1</td>
<td>32.5</td>
<td>28.0</td>
</tr>
<tr>
<td>D</td>
<td>M50 ⅞&quot; or ⅜&quot;</td>
<td>28.9</td>
<td>44.4 / 42.3³</td>
<td>36.0</td>
</tr>
<tr>
<td>E</td>
<td>M63 2½&quot; or 2&quot;</td>
<td>39.9</td>
<td>56.3 / 54.3³</td>
<td>46.0</td>
</tr>
<tr>
<td>F</td>
<td>M75 3⅞ or 2½&quot;</td>
<td>50.5</td>
<td>68.2 / 65.3³</td>
<td>57.0</td>
</tr>
<tr>
<td>G</td>
<td>M80 3⅞&quot; or 3&quot;</td>
<td>67.0</td>
<td>73.0</td>
<td>75.0</td>
</tr>
<tr>
<td>H</td>
<td>M90 3½&quot; or 3½&quot;</td>
<td>67.0</td>
<td>77.6</td>
<td>75.0</td>
</tr>
<tr>
<td>J</td>
<td>M100 3½&quot; or 4&quot;</td>
<td>75.0</td>
<td>91.6</td>
<td>80.0</td>
</tr>
</tbody>
</table>

All dimensions in millimetres (except * where dimensions are in inches). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering. G size and above are available in the 153/RAC design style.

---

**Features**

- Provides armour clamping using one clamping arrangement for all armour / braid types.
- Provides a diaphragm seal on the cables inner sheath which will not damage cable that has 'Cold Flow' characteristics.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour / braid.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**Connection Solutions**

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UPD 090610

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**Ordering Information**

Format for ordering is as follows: Alternate Seal (AR), add suffix AR to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>153/UNIV</td>
<td>C</td>
<td>M32</td>
<td>AR</td>
<td>153/UNIV</td>
<td>C</td>
<td>⅛&quot;NPT</td>
<td>AR</td>
</tr>
</tbody>
</table>
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153/RAC Cable Glands

Industrial

Features

• Provides armour clamping using one clamping arrangement for all armour / braid types.
• Provides a seal on the cables inner sheath.
• Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application

• Outdoor or indoor use.
• For use with single wire armour 'W', wire braid 'X', aluminium strip armour 'Y' and steel tape armour 'Z' elastomer and plastic insulated cables.

Technical Data

• Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type E1W, E1X, E1Y and E1Z.
• Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
• Deluge Protection to DTS01 (Deluge Seal Optional).
• Operating Temperature Range: -60°C to +80°C.
• Assembly Instruction Sheet: AI 399.

Features

• Provides armour clamping using one clamping arrangement for all armour / braid types.
• Provides a seal on the cables inner sheath.
• Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Alternative Reversible Armour Clamping Rings (RAC)

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Steel Wire Armour / Braid / Tape</th>
<th>Orientation 1</th>
<th>Orientation 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>0.9 - 1.25</td>
<td>0.5 - 0.9</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1.2 - 1.6</td>
<td>0.6 - 1.2</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>1.2 - 1.6</td>
<td>0.6 - 1.2</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

Format for ordering is as follows: Alternate Clamping Ring (AR), add suffix AR to ordering information. Alternate Seal (S), add suffix S to ordering information.
**Features**

- Provides armour clamping using one clamping arrangement for all armour / braid types.
- Provides a seal and an electrical bond on the cables inner sheath.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**Application**

- Outdoor or indoor use.
- For use with single wire armour ‘W’, wire braid ‘X’, aluminium strip armour ‘Y’ and steel tape armour ‘Z’ elastomer and plastic insulated cables.

**Cable Gland Selection Table**

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>‘G’ Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metric</td>
<td>Standard (L) Seal + Bond</td>
<td>Alternative (K) Seal + Bond</td>
</tr>
<tr>
<td>O</td>
<td>M20</td>
<td>6.5</td>
<td>10.5</td>
</tr>
<tr>
<td>A</td>
<td>M20 3/4 or 5/8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>M25 1 or 5/8</td>
<td>12.5</td>
<td>19.0</td>
</tr>
<tr>
<td>C</td>
<td>M32 1¼ or 1½</td>
<td>19.0</td>
<td>25.0</td>
</tr>
<tr>
<td>C2</td>
<td>M40 1½ or 1¾</td>
<td>25.0</td>
<td>31.2</td>
</tr>
<tr>
<td>D</td>
<td>M50 2 or 1½</td>
<td>31.5</td>
<td>42.3 or 42.8</td>
</tr>
<tr>
<td>E</td>
<td>M63 2½ or 2½</td>
<td>42.5</td>
<td>53.3 or 54.3</td>
</tr>
<tr>
<td>F</td>
<td>M75 3 or 2½</td>
<td>54.5</td>
<td>66.0 or 64.3</td>
</tr>
<tr>
<td>G</td>
<td>M80 3½</td>
<td>67.0</td>
<td>70.0</td>
</tr>
<tr>
<td>H</td>
<td>M90 3½</td>
<td>67.0</td>
<td>75.0</td>
</tr>
<tr>
<td>J</td>
<td>M100 4½</td>
<td>75.0</td>
<td>99.5</td>
</tr>
</tbody>
</table>

**Note:** All dimensions in millimetres (except * where dimensions are in inches). O - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

**Ordering Information**

Format for ordering is as follows: Standard Inner Seal + Bond, add suffix L to ordering information. Alternative Inner Seal + Bond, add suffix K to ordering information. Alternative Clamping Ring (AR), add suffix AR to ordering information.
150/RAC

Cable Glands
Industrial

Features
• Provides armour clamping using one clamping arrangement for all armour / braid types.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application
• Indoor use.
• For use with single wire armour ‘W’, wire braid ‘X’, aluminium strip armour ‘Y’ and steel tape armour ‘Z’ elastomer and plastic insulated cables.

Technical Data
• Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type BW, BX, BY and BZ.
• Operating Temperature Range: -60°C to +100°C.
• Assembly Instruction Sheet: Al 325.

CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>‘G’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric</td>
<td>NPT * Standard or Option</td>
<td>Inner Sheath ‘A’</td>
<td>Outer Sheath ‘B’</td>
</tr>
<tr>
<td>Max.</td>
<td>Max.</td>
<td>Orientation 1</td>
<td>Orientation 2</td>
</tr>
<tr>
<td>O</td>
<td>M20²</td>
<td>½&quot;) 11.9</td>
<td>16.0</td>
</tr>
<tr>
<td>A</td>
<td>M20</td>
<td>¾&quot; or ½&quot; 14.3</td>
<td>20.5</td>
</tr>
<tr>
<td>B</td>
<td>M25</td>
<td>1&quot; or ¾&quot; 20.2</td>
<td>26.0</td>
</tr>
<tr>
<td>C</td>
<td>M32</td>
<td>1¼&quot; or 1&quot; 26.5</td>
<td>33.0</td>
</tr>
<tr>
<td>C2</td>
<td>M40</td>
<td>1½&quot; or 1¼&quot; 32.5</td>
<td>41.0</td>
</tr>
<tr>
<td>D</td>
<td>M50</td>
<td>2&quot; or 1½&quot; 44.4 / 42.3¹</td>
<td>52.6</td>
</tr>
<tr>
<td>E</td>
<td>M63</td>
<td>2½&quot; or 2&quot; 56.3 / 54.3¹</td>
<td>65.3</td>
</tr>
<tr>
<td>F</td>
<td>M75</td>
<td>3&quot; or 2½&quot; 68.2 / 65.3¹</td>
<td>78.0</td>
</tr>
</tbody>
</table>

All dimensions in millimetres (except * where dimensions are in inches). O - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

Features
• Provides armour clamping using one clamping arrangement for all armour / braid types.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Alternative Reversible Armour Clamping Rings (RAC)

SELECTION TABLE

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Steel Wire Armour / Braid / Tape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation 1</td>
<td>Orientation 2</td>
</tr>
<tr>
<td>B</td>
<td>0.9 - 1.25</td>
</tr>
<tr>
<td>C</td>
<td>1.2 - 1.6</td>
</tr>
<tr>
<td>C2</td>
<td>1.2 - 1.6</td>
</tr>
<tr>
<td>D</td>
<td>1.45 - 1.8</td>
</tr>
<tr>
<td>E</td>
<td>1.45 - 1.8</td>
</tr>
<tr>
<td>F</td>
<td>1.45 - 1.8</td>
</tr>
</tbody>
</table>

Ordering Information
Format for ordering is as follows: Alternative Clamping Ring (AR), add suffix AR to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>(OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150/RAC</td>
<td>C</td>
<td>M32</td>
<td>AR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
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<th>Thread</th>
<th>(OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150/RAC</td>
<td>C</td>
<td>1½&quot;)NPT</td>
<td>AR</td>
</tr>
</tbody>
</table>
Cable Glands
Industrial

Application

• Outdoor or indoor use.
• For use with single wire armour ‘W’, wire braid ‘X’, aluminium strip armour ‘Y’ and steel tape armour ‘Z’ elastomer and plastic insulated cables.

Features

• Provides armour clamping using one clamping arrangement for all armour / braid types.
• Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application

• Outdoor or indoor use.
• For use with single wire armour ‘W’, wire braid ‘X’, aluminium strip armour ‘Y’ and steel tape armour ‘Z’ elastomer and plastic insulated cables.

Technical Data

• Construction and Test Standards: EN 50262, BS 6121 : Part 1 Type CW, CX, CY and CZ.
• Ingress Protection: IP66 to IEC/EN 60529.
• Deluge Protection to DTS01 (Deluge Seal Optional).
• Operating Temperature Range: -60°C to +100°C.
• Assembly Instruction Sheet: AI 393.

Ordering Information

Format for ordering is as follows: Alternative Clamping Ring (AR), add suffix AR to ordering information.

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<tr>
<th>Size Ref.</th>
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<td>1.45 - 1.8</td>
</tr>
<tr>
<td>F</td>
<td>1.45 - 1.8</td>
</tr>
</tbody>
</table>

1 Smaller value is applicable when selecting reduced NPT entry option.
2 Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable outer sheath diameter is 10.9mm

All dimensions in millimetres (except * where dimensions are in inches). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.
Features
• Provides a cable retention seal onto the cables outer sheath.
• Provides female running coupler for cable gland or conduit entry.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application
• Outdoor or indoor use.
• For use with non-armoured elastomer and plastic insulated cables installed in conduit.

Technical Data
• Construction and Test Standards: EN 50262.
• Ingress Protection: IP66 to IEC/EN 60529 and NEMA 4X.
• Operating Temperature Range: -60°C to +80°C.
• Assembly Instruction Sheet: AI 394.

Ordering Information
Format for ordering is as follows: Alternative Clamping Ring (AR), add suffix AR to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread (OPTIONAL)</th>
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<th>Size</th>
<th>Thread (OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>114/RAC</td>
<td>C</td>
<td>M32 AR</td>
<td>114/RAC</td>
<td>C</td>
<td>1 1/4&quot; NPT AR</td>
</tr>
</tbody>
</table>

1 Smaller value is applicable when selecting reduced NPT male entry option.

# NPT female thread sizes equivalent to those shown in the table for the male thread size are available. Hexagon dimensions as shown may alter.

All dimensions in millimetres (except * where dimensions are in inches). Metric entry threads are 1.5mm pitch as standard.