**ER15/C TYPE**

Protection rate: IP00  
Insulation class: B (130ºC)  
Cycle-duration: 2minutes  
Standard stroke “s”: 5mm  
Temperature rise “ΔT” : 70ºC  
Work: pull / push  
Incorporated return spring: NO

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<table>
<thead>
<tr>
<th>Duty-cycle ED(%)</th>
<th>100</th>
<th>40</th>
<th>25</th>
<th>15</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abs. Power at 20ºC (W)</td>
<td>3</td>
<td>7.5</td>
<td>12</td>
<td>20</td>
<td>60</td>
</tr>
<tr>
<td>Minimum force (N)</td>
<td>0.3</td>
<td>0.5</td>
<td>0.8</td>
<td>1</td>
<td>2.5</td>
</tr>
<tr>
<td>Max time under voltage(s)</td>
<td>∞</td>
<td>48</td>
<td>30</td>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td>Plunger weight (g)</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solenoid weight (g)</td>
<td>39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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1) Voltage under demand: They can be manufactured at any voltage between the maximum and minimum voltage shown in the chart.

2) The duty-cycles described in the chart are standard, they can be manufactured in any intermediate cycle.

3) If any variation from the original is needed, please ask us.

4) Earthing is recommended if the metallic parts are accessible.

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**Solenoid under voltage**

**Force-stroke curve**

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Ordering code: ER15/C --V ED---% - Mounting position

Example: Standard voltage:24Vdc Duty-cycle: ED100%: Position when mounted A: ER15/C 24Vdc ED100% A
Standard voltage:12Vdc Duty-cycle: ED15%: Position when mounted C: ER15/C 12Vdc ED15% C

For fixation and positions (A,B,C,D) of the solenoid: see page 10