ER60-05/C TYPE

Protection rate: IP00
Insulation class: B (130ºC)
Cycle duration: 5 minutes
Standard stroke "s": 5mm
Temperature rise ΔV/s: 70ºC
Work: pull/push
Incorporated return spring: YES

Duty-cycle ED(%)  100  40  25  15  5

<table>
<thead>
<tr>
<th>Duty-cycle ED(%)</th>
<th>Standard voltages</th>
<th>Under demand voltages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>VDC</td>
<td>VAC</td>
</tr>
<tr>
<td>100%</td>
<td>6 12 24 48 100 125 205 110 230</td>
<td>Min Max Min Max</td>
</tr>
<tr>
<td>40%</td>
<td>x o o o o o o o o o o o o o o o</td>
<td>7 13 24 230</td>
</tr>
<tr>
<td>25%</td>
<td>x x o o o o o o x o o o o o o o</td>
<td>11 16 24 230</td>
</tr>
<tr>
<td>15%</td>
<td>x x o o o o o o x x o o o o o o</td>
<td>13 18 24 230</td>
</tr>
<tr>
<td>5%</td>
<td>x x o o o o o o x x x x x x x x</td>
<td>24 24 24 230</td>
</tr>
</tbody>
</table>

Layout:  o = Available ;  x = Unavailable

Force stroke curve

1) Voltage under demand: They can be manufactured at any voltage between the maximum and minimum voltage values shown in the chart.
2) To feed in alternating current the solenoid will have a rectifier incorporated in the coil.
3) The duty cycles described in the chart are standard, they can be manufactured in any intermediate cycle.
4) If any variation from the original is needed, please ask us.
5) The terminals can be changed by leads.
6) Earthing is recommended if the metallic parts are accessible.

Calculation of the effective force: see pages 1 and 10

Ordering code:  ER60-05/C --V ED--% - Mounting position - Spring

Example: Standard voltage: 24Vdc Duty cycle: ED100%; Mounting position A: With spring:  ER60-05/C 24Vdc ED100% A RS
Standard voltage: 48Vdc Duty cycle: ED15%; Mounting position C: Without spring:  ER60-05/C 48Vdc ED15% C RN

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

Spring yes: RS; Spring no: RN