maxon thruster 40

Specification: 522619
aquaticsolutions.maxongroup.com
maxon thruster 40  350 Watt

Connections

<table>
<thead>
<tr>
<th></th>
<th>Winding 1</th>
<th>Winding 2</th>
<th>Winding 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hall</td>
<td>6,10,14</td>
<td>7,11,15</td>
<td>8,12,16</td>
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<tr>
<td>Hall 1</td>
<td>5</td>
<td>9</td>
<td>13</td>
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<tr>
<td>Hall 2</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hall 3</td>
<td>5</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>GND</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>V Hall 3</td>
<td>24 VDC</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Temperature Sensor PT100</td>
<td>522619</td>
<td>605792</td>
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</table>

**Article number**

<table>
<thead>
<tr>
<th></th>
<th>Single</th>
<th>with MC70</th>
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<tbody>
<tr>
<td>Left hand propeller direction MT40 LH</td>
<td>522619</td>
<td>605792</td>
</tr>
<tr>
<td>Right hand propeller direction MT40 RH</td>
<td>619623</td>
<td>619653</td>
</tr>
</tbody>
</table>

**Thruster specification**

1. Weight in air  gr  960
2. Weight in water (salt water)  gr  540
3. Prop diameter  mm  110
4. Number of blades  pcs  3
5. Depth rating  m  6.000
6. Pressure compensation (over pressure)  bar  0.1-0.7
7. Max. forward ballard thrust  kg  10.7
8. Continuous forward ballard thrust  kg  7
9. Max. reverse ballard thrust  kg  8.6
10. Continuous reverse ballard thrust  kg  6.3
11. Max. efficiency  %  80
12. Connector (basic version)  MCBH16 Male ti
13. Nominal Voltage  V  48
14. Max. current @ 48 V  A  29
15. No load current @ 5000 rpm motor  A  1.8
16. Max. stail current @ 48 V  A  470
17. Continuous current  A  20
18. Max. motor temperature  °C  110
19. Continuous motor temperature  °C  70

**Bollard thrust**

- Thrust CW [kg]
- Thrust CCW [kg]
- Power 350 [Watt]

**Motor Current**

- Motor current CCW [A]
- Motor current CW [A]

CCW = Counterclockwise (forward)
CW = Clockwise (reverse)

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