Stand-Alone Unit
The S61, ST61 consists of a paddlewheel speed carrier that snaps into a small transom housing containing sensing electronics. It is designed as a stand-alone unit and provides accurate speed readings over a wide speed range.

Transom-Mount
5.3 Hz

Applications
- Outboard and inboard/outboard boats
- Jet boats and personal watercraft
- Stepped transom

Features
- Speed and temperature
- Provides accurate, linear pulse output over a speed range of 1 to 50 knots (1 to 58 MPH)
- Cable can exit through the top of the housing or forward through the hull
- Paddlewheel carriers are easy and inexpensive to replace
- Optional temperature sensor
- Chemical and impact resistant plastic housing
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### Technical Information

**Nominal Pulse Rate**

<table>
<thead>
<tr>
<th>Paddlewheel</th>
<th>Per Nautical Mile</th>
<th>Per Knot</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19,000 pulses</td>
<td>5.3 Hz</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width</td>
<td>69 mm</td>
<td>(2.70&quot;)</td>
</tr>
<tr>
<td>Center width</td>
<td>56 mm</td>
<td>(2.20&quot;)</td>
</tr>
<tr>
<td>Height</td>
<td>46 mm</td>
<td>(1.80&quot;)</td>
</tr>
<tr>
<td>To center</td>
<td>19 mm</td>
<td>(0.75&quot;)</td>
</tr>
<tr>
<td>Overall length</td>
<td>64 mm</td>
<td>(2.50&quot;)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Weight:** 0.3 kg (0.6 lb)
- **Transom Angle:** 3° to 12°
- **Bracket Vertical Adjustment:** 18 mm (0.70")
- **Speed Range:** 1 to 50 knots (1 to 58 MPH)
- **Supply Voltage:** 5 VDC to 25 VDC