**Xact Series Servo**

FrSky Electronic Co., Ltd.

**Dynamic Integrated Performance**

<table>
<thead>
<tr>
<th>Model</th>
<th>HV5101</th>
<th>HV5102</th>
<th>HV5103</th>
<th>HV5201</th>
<th>HV5202</th>
<th>HV5203</th>
<th>HV5301</th>
<th>HV5302</th>
<th>HV5303</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (g)</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>35</td>
<td>41</td>
<td>72</td>
</tr>
<tr>
<td>Size (mm)</td>
<td>23<em>12</em>29</td>
<td>23<em>12</em>29</td>
<td>23<em>12</em>29</td>
<td>23<em>12</em>29</td>
<td>23<em>12</em>29</td>
<td>23<em>12</em>29</td>
<td>35<em>15</em>31</td>
<td>40<em>20</em>39</td>
<td>40<em>20</em>39</td>
</tr>
<tr>
<td>Torque (kgf.cm) ±15%@8.4V</td>
<td>4.2</td>
<td>4.8</td>
<td>8.2</td>
<td>6.1</td>
<td>6.8</td>
<td>9.5</td>
<td>9.5</td>
<td>14.8</td>
<td>26.2</td>
</tr>
<tr>
<td>Speed (S/60°) ±12%@8.4V</td>
<td>0.04</td>
<td>0.06</td>
<td>0.08</td>
<td>0.08</td>
<td>0.10</td>
<td>0.11</td>
<td>0.11</td>
<td>0.19</td>
<td>0.13</td>
</tr>
</tbody>
</table>

**Features**

- Digital High Resolution Magnetic Sensor
- Full Metal Gears
- All Aluminum Housing by CNC
- Programmable by F.Port 2.0/Telemetry by F.Port 2.0
- Firmware Update
- 4.8~8.4V Supported
- Operating angle: 360°
- Operating voltage: 4.8~8.4V
- Weight: 23g
- Size: 23x12x29mm
- Torque: 4.2 kgf.cm ±15% @ 8.4V
- Speed: 0.04 S/60° ±12% @ 8.4V

About F.Port 2.0:

Working with the F.Port 2.0 protocol, the telemetry data like real-time current and voltage of servos can be achieved and transmitted back to the host connecting either F.Port 2.0 capable radio or flight controller. The configuration options of servos such as speed and torque can be configured on an ACCESS radio through the F.Port 2.0 line, and the configurable servo steering as well as travel degree are additions now can be expected on this series.

More information:

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