800MX MOTOR 關於800MX馬達

Power and torque requirements of enthusiasts, the high output 800MX motor was born in Align's R&D lab. With dramatic increase in torque and power output, capable of 5100 watts continuous power output and 11000 watts of burst power! 800MX Motor has passed various thorough inspections made by our technical department, including motive testing, static testing, magnetic field testing, heat resistance and magnetic loss testing, running balance and vibration testing, noise testing, and many hours of actual leading and flying testing, etc. Align is proud to provide the latest innovations in RC Modelling to its consumers. Please enjoy your Align products safely.

SPECIFICATION 尺寸規格

<table>
<thead>
<tr>
<th>KV</th>
<th>520KV(RPM/V)</th>
<th>Input Voltage</th>
<th>12S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stator Diameter</td>
<td>45 mm</td>
<td>Stator Thickness</td>
<td>30 mm</td>
</tr>
<tr>
<td>Stator Arms</td>
<td>12</td>
<td>Magnet Poles</td>
<td>10</td>
</tr>
<tr>
<td>Max continuous current</td>
<td>115A</td>
<td>Max Instantaneous current</td>
<td>250A(2sec/2秒)</td>
</tr>
<tr>
<td>Max continuous power</td>
<td>5100W</td>
<td>Max instantaneous power</td>
<td>11000W(2sec/2秒)</td>
</tr>
<tr>
<td>Dimension</td>
<td>Shaft 轴 Ø6x56.7x107.5mm</td>
<td>Weight</td>
<td>Approx. 510g</td>
</tr>
</tbody>
</table>

FEATURES 特性說明

1. 800MX features high efficiency, superior power, excellent torque, low current draw and low temperature; it's capable of maintaining consistent torque and head speed through continuous 3D maneuvers.
2. Due to the 800MX's high efficiency and low current draw, the standard equipment 120A electronic speed controller are sufficient to experience the power of this motor, and extend battery longevity.
3. The 800MX motor armature had a special balance adjust to improve the serious shaking problem.
4. Maintenance free, high torque, high efficiency, stable and quiet.
5. High-speed ball bearings, powerful magnetic outrunner rotor.

Caution: When using the motor on T-REX 800E, please use 112T main gear with 12T motor pinion. Set the head speed at 1900RPM and collective pitch at 12°.

1. 800MX馬達具有高效率，大馬力，高扭力，低耗電流與低溫的表現；持續性的3D動作可以感受馬力扭力輸出，整段飛行都可維持一致的動力輸出，主軸與軸承皆是維持在固定軌道，不抖動。
2. 800MX馬達的高效率，高扭力表現；電子變速器只需要使用120A的馬達主軸，就能完全表現馬達的威力，與延長電池的使用壽命。
3. 800MX馬達馬達一旦遇到特別平衡校正，就必須另外芯軸馬達平衡不佳，易產生震動或多餘的聲音。
4. 免保養，高馬力，高效率，低噪音，低溫度，控制穩定。
5. 高速馬達與軸承，高溫度壽命。
6. 使用T-REX 700E/800全系列機型，及其他700級機型。

注意：使用800E機型時，主軸與馬達主軸之必須更為112T/12T，主電流設定為1900rpm，集線器設定為±12°。