





**Note:** These motors differ from Brushless 'Modified' motors.

Motors on this list have to comply with BRCA Electric Board 'Spec.' Brushless Rules, Section 6.

All motors detailed below, must be (or previously have been) available for purchase via. a UK outlet.

| Motor Builder | Type/Range  | Illustration only   | Distributor     | Notes  | Approval Date         |
|---------------|---|---|-----------------|--|-----------------------|
| Hobbywing     | Xerun<br>Pt. #<br>90040151                                      |    | CPD Racing      | Sensored system. "Y" Wind. Polished Aluminium End-Plates, Hobbywing etched. Fixed timing. Blue stator sleeve with 21.5T & Pt.# etched. Sleeve & EndPlates also Gunmetal colour. Side entry sensor plug. Nickel sintered rotor, 12.4 dia, 7.2 core. Rotor with one balancing ring.              | 13.08.12              |
| Vampire       | Vampire<br>Type AB+<br>Bloodline<br>Pt. #<br>VR-3215            |    | X-Factory<br>UK | Sensored system. "Y" Wind. Black Plastic End-Plate at Term. End, with adjustable timing. Sensor plug horizontal. Green End plates. Wind etched. Nickel sintered rotor with no balance rings, 12.5 dia, 7.21 core.  | 12.03.12              |
| Graupner      | GM Brushless<br>PRO.<br>Pt. # 97421.<br>2012 version.           |    | Schumacher      | Sensored system. "Y" Wind. Alum. Mounting-Plate with 3x5mm holes and 3 radiused slots. Plastic End-Cap with GM moulded. Adj. timing. Gun-Metal stator sleeve with Wind & Pt.# etched. Side entry sensor plug. Nickel rotor marked GM Stock, 12.51 dia, 7.24 core.                              | 31.12.11              |
| Thunder Power | Z3R-S<br>Part #<br>TPM-540A215                                  |   | Schumacher      | Sensored system. "Y" Wind. Black Plastic Moulding at Term. End, with adjustable timing. Red Can/Sleeve with silver end cover. Wind etched on stator. Stator separates. Nickel sintered rotor with drilled red balance ring, 12.25 dia, 7.2 core. Optional Rotors:- Blue or Green balance ring. | 17.10.11.<br>16.04.12 |
| Speed Passion | Competition<br>3.0<br>MMM Version<br>Pt.#<br>SP000040           |  | Schumacher      | Sensored system. "Y" Wind. Dark Gun-Metal Aluminium Sleeve & End-Plates, SP etched. Sleeve with Wind & MMM etched. End-Plates with grooves. Red sensor board. Black sintered rotor with one balance ring, 12.3 dia, 7.2 core. Adjustable timing 11-20 deg.                                     | 04.07.11              |
| Viper         | Viper VST<br>Pt. #<br>8VST 215001                               |  | X-Factory<br>UK | Sensored system. "Y" Wind. Red Aluminium End-Plates, VST & 21.5T etched. Black grooved stator sleeve. Black sintered rotor with no balance rings, 12.5 dia, 7.35 core. Adjustable timing.  | 16.05.11              |
| Tekin         | Tekin<br>Redline<br>21.5T Spec.<br>Pt. # TT2250<br>(Etched Can) |  | RC Disco        | Sensored system. "Y" Wind. Red Aluminium mounting plate. Black moulded End-Bell with Tekin. Grooved Al. bonded stator sleeve with 21.5T etched. Nickel plated sintered rotor, 12.4 dia, 7.11 core. No balance rings.   | 11.04.11              |
| HPI           | Flux Pro.<br>Pt. # 101734                                       |  | HPI<br>Europe   | Sensored system. "Y" Wind. Black Aluminium End-Plates, HPI etched. Black stator sleeve with Wind etched. Nickel sintered rotor, 12.5 dia, 7.2 core. Adjustable timing. Optional rotor - 12.2 dia, 7.2 core, Nickel plt. Optional rotor 107252 - Mag & shaft Black.                             | 28.03.11<br>07.05.12  |

|               |  |   |              |   |          |
|---------------|--|---|--------------|---|----------|
| Graupner      | GM Brushless PRO.<br>Pt.# 97361<br>2011 version. |   | Schumacher   | Sensored system. "Y" Wind.<br>Gun-Metal Aluminium End-Plates, GM-Racing etched. 5 timing threads. Gun-Metal stator sleeve with S21.5T & Pt.# etched. Side entry sensor plug. Black sintered rotor, 12.4 dia, 7.21 core. Rotor with one balancing ring.          | 31.01.11 |
| Trinity       | Trinity D3<br>Pt. # TEP1057                      |  | X-Factory UK | Sensored system. "Y" Wind.<br>Gun-Metal Aluminium End-Plates, Trinity etched. Black stator sleeve with D3 & 21.5T etched. Nickel sintered rotor with one balance ring, 12.25 dia, 7.20 core. Adjustable sensor plate timing.                                    | 31.01.11 |
| Graupner      | Brushless PRO.<br>Pt. # 97301                    |  | Schumacher   | Sensored system. "Y" Wind.<br>Dark Gun-Metal Aluminium End-Plates, GM-Racing etched. 5 timing threads. Dark Gun-Metal stator sleeve with S21.5T & Pt.# etched. Side entry sensor plug. Black sintered rotor, 12.3 dia, 7.2 core. Rotor with one balancing ring. | 21.12.09 |
| Speed Passion | 3.0 - 21.5R<br>Pt.#<br>SP138215V3                |  | Schumacher   | Sensored system. "Y" Wind.<br>Light Gun-Metal Aluminium End-Plates, SP & 21.5T etched. Light Gun-Metal stator sleeve with SP21.5T etched. Black sintered rotor with one balance ring, 12.3 dia, 7.22 core. Adjustable timing 0-10.                              | 12.10.09 |

Paul Worsley. (BRCA Electric Board Tech. Officer) 13.08.12.  
E-Mail paul.worsley@virgin.net