

NOTE: These motors differ from Brushless 'Modified' motors.

Sample Motors on this List have been checked for compliance to BRCA Electric Board Brushless Rules, Sections 4, & 6.





Whilst sample Motors submitted have been found to conform with all BRCA rules and requirements, **it is the responsibility of ALL competitors to ensure that the versions they use also comply with all BRCA rules and requirements.**

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
Motors below this level must comply with BRCA (EB) Rules :- 6.3 (including 01.03.21 amendment) requiring access to the stator to allow measurement and visual appraisal of the laminates. Also 6.4 & 6.6 (including 01.03.21 amendment) which requires the Rotor to be marked with Name or Logo & Part # on shaft.					
Amy Booth Models	ABM G1 Part # ABM10001		Amy Booth Models	End Caps remove but also two cut-outs for measuring. Adjustable timing 0/+60 deg. Wind & G1 printed on stator. All screws magnetic (brass plated). Al. retaining housing, steel shielded magnetic bearings. Rotor with ABM & Part # ABM10092 on shaft.	06.01.25
United Sino Enterprises	ORCA Blitreme3A Part # MO24BT3U105A (EFRA version)		X-Factory UK	Sensored system. Stator bonded, but has access holes. Wind printed on stator. Adj. timing 5/60. All screws magnetic, steel shielded magnetic bearings. Small dia. steel location pin 5mm long bonded in stator groove. Rotor with ORCA, Part # RT23HS12548 on shaft. Option rotor: RT18M125258 on shaft.	07.10.24
Reds Racing	VX3 Part # MTTE 0035P		Kyosho UK	Sensored system. Red Al. timing plate. Adjustable timing 0-50. End-Caps remove, cut-outs for measuring stator. All screws magnetic, Al. sensor housing & retaining plate, magnetic steel shielded bearings. Rotor with name & Part # MSTE0041 on shaft. Option rotor: MSTE0031	07.10.24 Rotor change. See also 2020 Approvals
Core RC	Core RC Star Series Fixed timing. Part # CR856		Schumacher Racing	Sensored system. "Y" Wind. Black Al. End-Caps with Core RC. Fixed timing. Stator bonded but wind etched on collector ring. All screws magnetic, steel shielded magnetic bearings. Rotor with Name, Part # CR859 on shaft.	04.07.22
Nosram	XTEC Nosram N22 Part # 920200		Schumacher Racing	Sensored system. "Y" Wind. Black Al. End-Cap with XTEC. Adj. timing 0/60. Wind etched on stator, visible. Body screws non-magnetic, timing screws magnetic, steel shielded magnetic bearings. Rotor with Nosram & Part # 920522 on shaft. Option rotor: 920521.	04.07.22
Ruddog	Ruddog RP542 Part # RP-0446		X-Factory UK	Sensored system. 4 side screws retain End-Cap. Timing insert with Ruddog. Adjustable timing 0/+60. Wind & RP542 on stator visible. 3mm collector ring. All screws magnetic, Al. sensor housing, magnetic steel shielded bearings. Stator bonded. Rotor with name & Part #-: RP-0435 on shaft.	03.05.21
Team Powers	Actinium V4.0 Pt. # TPBLM 105100 ACT-V4		RC-Explorer UK	Sensored system. Black Al. one piece Can. 4 full length slots. Team Powers on End-Cap. Wind on stator. Adjustable timing 0-60. Body screws non-magnetic, timing screws magnetic, Al. sensor housing, steel shielded bearings. Rotor with name, Part # TP125G-R2 on shaft. Option rotor: TP123G-R2	01.03.21



Motors below this level must comply with BRCA (EB) Rules :- 6.3 (prior to 01.03.21 amendment) requiring access to the stator to allow measurement and visual appraisal of the laminates. Also 6.4 & 6.6 (prior to 01.03.21 amendment) which requires the Rotor to be marked with Name or Logo & Part #.






Performa	p1 Radical Stock Part # PA9407		Answer RC	Sensored system. "Y" Wind. Stator removes. Adjustable timing 0/+40. Wind in screw slots. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name. Part # PA9355.	07.12.20 05.07.21 Part # updated
Konect	K1 Elite Stock Part # K11901007		To be advised	Sensored system. "Y" Wind. Stator not bonded and removes for checking. Wind on stator visible. Adjustable timing 0/60. All screws magnetic, Al. retaining housing, magnetic steel shielded bearings. Rotor with name & Part #: K1/12.5C7.2 on flat	06.07.20
Reds Racing	VX3 Part # MTTE 0035 Also: MTTE 0035C See notes		Kyosho UK	Sensored system. "Y" Wind. Red Al. timing plate. Adjustable timing 0-50. Caps. remove, cut-outs for measuring stator. All screws magnetic, Al. sensor housing & retaining plate, magnetic steel shielded bearings. Rotor with name & Part # MSTE 0030. Motor with Part # ending with C has non-magnetic long body screws.	03.02.20 07.12.20
Absima	CTM V.3 Part # 2130059		Absima UK	Sensored system. Stator removes, access holes. Absima logo End-Cap, wind on sleeve & stator. Adj. timing 0/50. Single collector ring. Body & timing screws non-magnetic, Al. retaining housing, magnetic steel shielded bearings. Rotor with name & Part # CTM STK N42UH.	03.02.20
Corally	Vulcan Stock Part # C-61110		CML	Sensored system. "Y" Wind. Can with Vulcan Stock & wind on stator. Adj. timing 0-60 deg. Stator removes. All screws magnetic, Al. sensor housing. Steel shielded bearings. Rotor with name & Part #: 61130	06.01.20
Surpass	Rocket-RC V5R Part # SUR 51105		SMD	Stator removes. Adjustable timing 0/+60 deg. Wind etched on stator. 3mm collector ring. Body screws non-magnetic, timing screws magnetic, Al. retaining housing, steel shielded bearings. Steel body screws supplied with kit, allowed. Rotor with Surpass, Part # C75125 on shaft. Option rotor: C77123 on shaft.	30.09.19
LRP	XTEC X22 Part # 520200		Schumacher	Sensored system. Black Al. End-Bell with XTEC. Adj. timing 0/60. Wind etched on stator. Body screws non-magnetic, timing screws magnetic, steel shielded bearings. Rotor with LRP & Part # 520522, 12.5S on shaft. Option rotor: 520521, 12.3S on shaft. Later motors have two full length slots, and are allowed.	11.03.19 20.01.21
SMC	Lowrider Part # SMCLR42105		Monitex Racing	Sensored system. "Y" Wind. No centre sleeve, End-Caps remove. Adjustable timing +10/+54 deg. Wind etched on stator. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & part #: LR712542	24.12.18
Sky RC	ARES Pro. V2.1 Part # SK-400003-57		Schumacher Racing	Sensored system. "Y" Wind. Stator removes. Adjustable timing +5/+55 deg. Wind etched on stator. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & part #: SK-400003-20	03.12.18
Surpass	Rocket V4S Stock Spec. Part # SUR7105		SMD	Sensored system. "Y" Wind. Stator removes. Adjustable timing 0/+60 deg. Wind etched on stator. Body screws non-magnetic, timing screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with Surpass, Part # C75125 on shaft. Option Rotor: C77123 on shaft.	17.09.18 12.11.18

Hobbywing	Xerun V10 G3 Pt # 30401112		Schumacher Racing & CML	Sensored system. "Y" Wind. Black Alu. End-Caps, plastic timing insert. Rotor with one Alu. bal. ring. Adjustable timing +30/+ 60 deg. Stator and wind visible. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor Part # 30820018. Option rotor 30820406 Later versions can have mounting end-cap chamfer plain aluminium with no black paint.	26.03.18 24.12.18 06.07.20
Motiv	MC2 Part # MOV101052S		Zen Racing	Sensored system. "Y" Wind. Alu. timing plate with logo. End-Caps remove, hysol stator ends. Adjustable sensor plate timing 0/+40 deg. Has stator access. All screws magnetic, full Al. sensor housing, steel shielded bearings. Rotor part # MOV1330	19.02.18
Reds Racing	VX2 Part # MTTE 0021		Kyosho UK	Sensored system. "Y" Wind. Red Al. timing adjuster. Adjustable timing 0-50. Stator removes & has wind etched. All screws magnetic, Al. sensor housing & retaining plate, steel shielded bearings. Rotor with name & Part # MSTE0017. Option rotor MSTE 0018	19.02.18
Arrowmax	Dash R-Tune Part # DA740105		Schumacher Racing	Sensored system. "Y" Wind. Stator removes. Adjustable timing 0/+60 deg. Wind on stator. All screws magnetic, Al. retaining plate, steel shielded bearings. (Non-magnetic body screws included with kit). Rotor with DASH:- Part # - DA-730003. Shaft RSS125.	01.01.18 19.02.18

NOTE: ALL MOTORS SUBMITTED BEFORE 01.11.17, WERE HOMOLOGATED WITH MAGNETIC SCREWS AND STEEL SHIELDED BEARINGS FITTED.

Changing these items invalidates the Motor Part # stated and contravenes Electric Board Rule 4.3.

Muchmore	FLETA ZX V2 Part # MR-V2ZX105ER		MB Models	Sensored system. "Y" Wind. Al. timing plate, adjust. timing 0-50. Stator removes but can be seen through holes. Wind etched on stator. Shaft etched with rotor dia. Rotor with name & part #. Rotor Part #: MR-FZR 21Y. Optional rotor #'s: All MR-FZR :- 18TI, 19Z, 21TIZ, 21Z	03.07.17 31.10.17
Tesla	Tesla EP Part # TS-194105T-S		CPD	Sensored system. "Y" Wind. Blue Alu. Can & End-Caps. Timing insert with Tesla logo etched. Nickel sintered rotor with one Alu. bal. ring. Adjustable timing +20/+ 60 deg. Lams.visible. Rotor Part # TS-194136	15.05.17
Hobbywing	Xerun Justock 3650 G2 Pt # 30408004		Schumacher	Sensored system. "Y" Wind. Black Alu. Can & End-Cap with Justock 3650G2. Nickel sintered rotor with one Alu. bal. ring. No timing adjustment. Stator and wind visible. Rotor Part # 30820007 stamped 7-12.5-A.	15.05.17
R1 Brushless Motor Lab.	R1 Part # R1-105B-125-V15 BRCA & EFRA		MB Models	Sensored system. "Y" Wind. End-Plate with R1 (only) etched. Stator sleeve with wind. Rotor with black balance ring. Adjustable timing 0-60 deg. Has stator access. Collector ring 3mm thick. Motors with epoxy filled windings not approved. Rotor with name & Part #: R1-125-720-002 Option rotors: R1-123-720-001. R1-125-720-001	20.02.17 03.04.17
Maclan	MRR Part # MCL1014		Inside Line Racing	Sensored system. "Y" Wind. Black Can & End-Cap with copper timing plate & logo. Nickel rotor with one red Alu. bal. ring. Adjustable timing +20/+ 60 deg. Stator removes easily. Rotor Part # MCL4075. Optional rotors # MCL4076 & MCL4093.	16.01.17

Tianco	ORCA RT Pt. # OMT105RT		MB Models	Sensored system. "Y" Wind. Black Can & E/Cap. Stator has access slots. Stator accepts 14.5mm gauge. ORCA RT & wind etched on End-Cap. Adjustable timing +/-50. Rotor with name & Part # ORR325S1. Option rotors:- ORR --- 425S0, 233SL, 238SL, 253SL, 258SL.	16.01.17
Ruddog	Ruddog RP540 Part # RP-0012		X-Factory UK	Sensored system. "Y" Wind. Silver Alu. Can & End-Caps. Timing insert with Ruddog etched. Nickel rotor with one Alu. bal. ring. Adjustable timing +20/+ 60 deg. Laminates visible with wind visible on stator. Rotor Part # RP-12.5-7.2	05.09.16
Corally	Dynospeed Spec. 3.0 Part # C-61100		X-Factory UK	Sensored system, two ports. "Y" Wind. One end of stator visible but stator removes. Stator has EFRA & wind etched. Wind etched on End-Cap. End-Cap Alum., adjustable timing, no numbers. Rotor with logo, Part # 61130	08.08.16
Tekin	Redline Gen3 Part # TT2708		RC Disco & X-Factory UK	Sensored system. "Y" Wind. Black Alum. Timing plate 2.5mm above red ring.. Adj. timing 0/60. Machined Alum. Can with wind printed. Stator visible via. slots. Rotor with one brass balance ring Part # 2721. Option rotors: 2719, 2722	16.05.16
Hobbywing	Xerun V10 G2 Pt # 30101106		Schumacher	Sensored system. "Y" Wind. Black Alu. Can & End-Cap, moulded timing insert with logo moulded. Nickel sintered rotor with one Alu. bal. ring. Adjustable timing +20/+ 50 deg. Stator and wind visible. Rotor Part # 30820007 stamped 7-12.5-A Opt. Rotor: # 30820015 stamped 7-12.5-U-B Option End-Cap, timing +30/+60, # 30820054	18.01.16 12.12.16 21.11.16
For Homologations before 2016 -- See:- Brushless ARCHIVE, All Wind Classes before 2016.					
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