









EUROPEAN FEDERATION RADIO CONTROLLED AUTOMOBILES













**Samples of Motors included on this list have been checked for compliance to EFRA Rules for:-
Brushless 'Spec.' 17.5T Motors.**

**Only Motors included on this list, can be used at EFRA Sanctioned events (EC or GP), for:
The Motor Class designated for the event.**












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












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












| Motor Builder | Type/Range | Illustration only | Notes | Approval Date |
|--|---|---|--|---------------|
| Motors below this level must comply with EFRA Rules App.4 :- 4.8 (including 01.03.21 amendment) requiring access to stator to allow measurement and visual appraisal of the laminates. Also 4.9 & 4.16 (including 01.03.21 amendment) which requires the Rotor to be marked with Name or Logo & Part # on shaft. | | | | |
| Hobbywing | Xerun V10 G5 Pt # 30401764 |  | Sensored system. Rotor with one Alu. Fan type bal. ring. Adjustable timing +20/+ 60 deg. Stator and wind visible. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & Part # 30820462 on shaft. Option rotor: 30820461. | 14.04.26 |
| Hoomark | Team Zombie EVO III Part # M-TZ-EVO3175T |  | One piece Can. End Cap removes, stator removes. Adjustable timing 0/+60 deg. Wind & EVO III printed on Can, wind printed on stator. All screws magnetic. Al. retaining housing, steel shielded magnetic bearings. Rotor with: Name & Part # M-TZ-725SPD on shaft. Option rotor: M-TZ-725TORQ | 14.04.26 |
| Surpass Hobby | Rocket RC V6S Part # SUR 6717 |  | End Caps remove but also two cut-outs for measuring. Adjustable timing 0/+60 deg. Wind & V6S printed on stator. All screws magnetic. Al. retaining housing, steel shielded magnetic bearings. Rotor with Surpass, Part # C78125 on shaft. Option rotor: C75125 | 14.04.26 |
| Team Exalt | GEN-X Part # EXAG175 |  | Sensored system. Stator totally open. Pinion Cap removes but not terminal ring. Wind on stator. Adjustable timing 0/60°. All 9 screws magnetic, Al. retaining housing, steel shielded magnetic bearings. Rotor with name, Part # EXAS2304 on shaft. Option rotor EXAS2306 | 02.03.26 |
| Shenzhen Cayote Tech. | Cayote CREST Stocki Part # CYEB11012 |  | Sensored system. Stator totally open. Pinion Cap removes but not terminal ring. Wind on stator. Adjustable timing +30/+60°. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. Rotor with name, Part # CYEBR1007 on shaft. Option rotor: CYEBR1008. | 02.03.26 |
| Team Powers | Actinium V6S Part # TPRBLM 175100 ACT-V6S |  | Sensored system. Stator open, Caps remove. Team Powers on End-Cap, wind on stator. Adjustable timing 0/+60 deg. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. Rotor with name: Part # TP125G-R50 on shaft. | 17.11.25 |
| Sky RC | ARES Pro V4 Part # SK 400034-03 |  | Sensored system. Stator open. Caps remove. Wind on stator. Adjustable timing 0/+60 deg. Long screws stainless, timing plate screws magnetic, Al. retaining housing, steel shielded magnetic bearings. Rotor with name: Part # SK-715317568 on shaft. No Option rotor submitted. | 30.09.25 |
| R1 Brushless Motor Lab. | R1 Brushless Motor Lab. V30 Part # 020182 |  | Sensored. Caps remove. Adjustable timing 10/+60 deg. All screws non-magnetic, plastic retaining housing with Al. clamp ring. Steel shielded magnetic bearings. R1 & wind on stator. Stator faces no paint on outer 1mm. Rotor with: R1, Part # 2-125726 on shaft. Option rotor: 125755 | 27.05.25 |



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| Reds Racing | VX GEN4 MR Design Part # MTTE 0058H |  | Must have cut-outs in End-Caps for stator measure. Sensored system. "Y" Wind. Red Al. timing plate. Adjustable timing 0-50. All screws magnetic, Al. sensor housing & retaining plate, magnetic steel shielded bearings. Rotor with name & Part # MSTE 0031. Option rotor: MSTE 0041 | 05.02.25 |
| Reds Racing | VX GEN4 PRO Stock Part # MTTE 0062H |  | Must have cut-outs in End-Caps for stator measure. Sensored system. "Y" Wind. Red Al. timing plate. Adjustable timing 0-50. Long Can screws non-magnetic, timing screws magnetic. Al. sensor housing & retaining plate, magnetic steel shielded bearings. Rotor with name & Part # MSTE 0041. Option rotor: MSTE 0031 | 05.02.25 |
| United Sino Enterprises | ORCA Blitreme3A Part # MO24BT3U175A (EFRA version) |  | 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 0037P |  | 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 |
| Team Powers | Actinium V5S Part # TPRBLM 175100 ACT-V5S |  | Sensored system. Stator open, Caps remove. Team Powers on End-Cap, wind on stator. Adjustable timing 0/+60 deg. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. Rotor with name: Part # TP125G-R50 on shaft. | 25.08.24 |
| Amy Booth Models | ABM G1M Part # ABM10016 |  | End Caps remove but also two cut-outs for measuring. Adjustable timing 0/+60 deg. Wind & G1M Lightweight printed on stator. All screws magnetic. Al. retaining housing, steel shielded magnetic bearings. Rotor with ABM, Part # ABM10093 on shaft. | 01.04.24 |
| Amy Booth Models | ABM G1 Part # ABM10003 |  | 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. | 01.04.24 |
| Team Corally | Vulcan II Part # C-61172 |  | Sensored system. One piece Can with Vulcan II Stock & wind on stator. Adj. timing 0-60 deg. Stator bonded. Long Can screws non-magnetic, timing screws magnetic. Al. sensor housing. Steel shielded magnetic bearings. Rotor with Corally, Part # C-61185 on shaft. | 14.03.24 |
| Hobbywing | Xerun V10 G4R Pt # 30401748 Standard version |  | Sensored system. Rotor with one Alu. Fan type bal. ring. Adjustable timing +20/+ 60 deg. Stator and wind visible. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & Part # 30820450 on shaft. Option rotor: 30820407. | 14.03.24 |
| Reedy | Reedy SP5 R Euro Part # 27488 |  | Sensored system. Stator open, Caps remove. Adjustable timing 0/+50 deg. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. SP5 & wind on stator. No epoxy in winding. Rotor with: Reedy, Part # 27483 on shaft. Option rotor: 27484 | 14.03.24 08.07.24 |
| United Sino Enterprises | ORCA Blitreme3 Part # MO24BT3U175 (EFRA version) |  | Sensored system. Stator bonded, but has access holes. Wind printed on stator. Adj. timing 5/60. All screws magnetic, steel shielded bearings. Small dia. steel location pin 5mm long bonded in stator groove. ORCA & Part # RT23HS12548 on magnet. Code # HS125 on shaft. Later production has full Part # on shaft. Option rotor: RT18M125258 | 17.01.24 03.06.24 |
| Muchmore | Fleta ZX V3 Type ER Part # MR- V3ZX175ERTM |  | Sensored system. Stator open, Caps remove. Adjustable timing 0/+50 deg. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. MUST have slots in both End-Caps for stator measuring. Rotor with: Muchmore, Part # MR-FZR19XTM on shaft. Option rotor: MR-FZR21X | 04.09.23 07.07.24 |

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| Surpass Hobby | Rocket RC V6M Lightweight Part # SUR 6517 |  | End Caps remove but also two cut-outs for measuring. Adjustable timing 0/+60 deg. Wind & V6M Lightweight printed on stator. All screws magnetic. Al. retaining housing, steel shielded magnetic bearings. Rotor with: Surpass, Part # C75125 on shaft. | 16.08.23 |
| Surpass Hobby | Rocket RC V6 Part # SUR 6617 |  | End Caps remove but also two cut-outs for measuring. Adjustable timing 0/+60 deg. Wind & V6 printed on stator. All screws magnetic. Al. retaining housing, steel shielded magnetic bearings. Rotor with: Surpass, Part # C78125 on shaft. | 16.08.23 |
| Hoomark | Team Zombie EVO II Part # M-TZ-EVO2175T |  | Sensored system. End-Caps remove. Adjustable timing 0/+60 deg. 4mm thick collector ring. Long body screws non-magnetic, timing plate screws magnetic, Al. sensor retaining housing, magnetic steel shielded bearings. Rotor with: Name & Part # on shaft M-TZ-725125. Option rotor: M-TZ-725125T | 10.04.23 |
| Trinity | Slot Machine Part # TEP 2022E |  | Sensored. Purple end-plate has Trinity & Slot Machine etched. Wind and 'EFRA' on 'open' stator. Adjustable timing 0-60 deg. Has stator access. Wind stamped on lower collector ring. All screws magnetic, Al. retaining housing, steel shielded magnetic bearings. NOTE: Original version has EFRA marked in GOLD on stator. Rotor with name & Part # on shaft TEP1119. Later version has EFRA logo marked in WHITE on stator. Rotor with name & Part # on shaft TEP1120. Either Rotors are allowed. | 17.04.23 |
| | |  | | 04.12.23 |
| Team Powers | Actinium V5.0 Pt. # TPRBLM 175100 ACT-V5 |  | Sensored system. Black Al. one piece Can. 4 full length slots. Team Powers on End-Cap. Wind on stator. Adjustable timing 0-60. All 6 c/sk screws magnetic, Al. sensor housing, steel shielded bearings. Rotor with name, Part # TP125G-R50. Option rotor: TP125G-R2 | 10.03.23 |
| | |  | | 16.08.23 |
| Core RC | Core RC Star Series Fixed timing. Part # CR858 |  | 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 |
| Hobbywing | Justock G2.1 Fixed timing. Part # 30408011 |  | Sensored system. "Y" Wind. Black Al. End-Caps with Hobbywing Justock G2.1. Fixed timing. Stator bonded, wind etched on stator. All screws magnetic, steel shielded magnetic bearings. Stator can be measured. Rotor with Name, Part # 30820007 on shaft. | 02.05.22 |
| Hobbywing | Xerun V10 G4 Pt # 30401141 |  | Sensored system. Black all Alu. End-Caps. 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 with name & Part # on shaft 30820444. Option rotor: 30820416. | 02.05.22 |
| Nosram | XTEC Nosram N22 Part # 920202 |  | 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. | 07.02.22 |
| Ruddog | Ruddog RP542 Part # RP-0448 |  | 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 | 05.04.21 |
| Maclan | MRR V3 Part # MCL1051 | | Sensored system. 3 side screws retain End-Cap. Timing insert with Maclan. Adjustable timing +20/+ 50. All screws magnetic. Al. sensor housing & horseshoe, magnetic steel shielded bearings. Stator removes with wind etched. Rotor with name & Part # MCL4144. | 01.03.21 |

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| Team Powers | Actinium V4.0 Pt. # TPBLM 175100 ACT-V4 |  | 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. Option rotor: TP123G-R2 | 01.03.21 |
| Motors below this level must comply with EFRA Rules App.4 :- 4.8 (prior to 01.03.21 amendment) requiring access to stator to allow measurement and visual appraisal of the laminates. Also 4.9 & 4.16 (prior to 01.03.21 amendment) which requires the Rotor to be marked with Name or Logo & Part #. | | | | |
| Tekin | Redline G4 SPEC-R Part # TT2762 |  | Sensored system. "Y" Wind. Adj. timing 0/60. Machined Alum. Can, wind printed. Stator visible. All screws magnetic, Plastic sensor housing, magnetic steel shielded bearings. Rotor Part # TT2776 on flat. | 07.12.20 |
| Performa | p1 Radical Stock Part # PA9409 |  | 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 # PA9356. | 07.12.20 05.07.21 Part # updated |
| Scorpion | SCORPION POWER RR-3420 Part # (ending) 7086984197 |  | Sensored system. "Y" Wind. Stator not bonded but tight to remove. Wind on stator. Adjustable timing 0/60. All screws magnetic, Al. retaining housing, magnetic steel shielded bearings. Only later versions with no paint coatings on the stator ends are approved. Rotor with name & Part #: 4897086984234 | 06.07.20 |
| Ruddog | Ruddog RP541 Part # RP-0361 |  | Sensored system. "Y" Wind. 4 side screws retain End-Cap. Timing insert with Ruddog & RP541. Adjustable timing 0/+60. Wind on stator visible. 3mm collector ring. All screws magnetic, Al. retaining housing, magnetic steel shielded bearings. Rotor with name & Part #-: RP-0349. | 11.05.20 |
| Reedy | Reedy S+Plus Torque Part # 27429 |  | Sensored system. "Y" Wind. Alu. timing insert with 'R' logo, timing 0/+ 50 deg. Stator can be removed, wind etched on stator, twin lines round wind. All screws magnetic, Al. sensor housing & retaining plate, steel shielded bearings. Rotor with name & Part # 27414 of shaft flat. | 06.04.20 |
| Absima | CTM V.3 Part # 2130061 |  | Sensored system. Stator removes, access holes. Absima logo End-Cap, wind on 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. | 09.03.20 |
| Reds Racing | VX3 Part # MTTE 0037 MTTE0037C MTTE0037P MTTE0037PC See notes |  | 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. Option rotor: MSTE 0031 4 versions submitted. Motor with Part # ending with:- 'C' has non-magnetic long body screws. 'P' has updated stator material | 03.02.20 09.11.20 06.06.22 |
| Hoomark | Team Zombie EVO. Part # M-TZ-EVO175T |  | Sensored system. "Y" Wind. Stator removes. Adjustable timing 0/+60 deg. 4mm thick collector ring. Body screws magnetic, timing screws magnetic, Al. retaining housing, magnetic steel shielded bearings. Rotor with: Zombie, Part # M-TZ-725125 on shaft. Option rotor: M-TZ-725123 | 13.01.20 |
| Corally | Vulcan Stock Part # C-61112 |  | 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 | 07.10.19 |
| Fantom | Fantom ICON Torque Part # FAN19217T |  | Stator glued in one piece can. Wind on stator. Can has wind & ICON etched. Adjustable timing +20/+60 deg. No full length internal pins, one magnetic pin 1 dia. x 8 long. All screws magnetic. Bearings magnetic with steel shields. Rotor with name, Part # - FAN19585. | 30.09.19 |

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| Surpass | Rocket-RC V5R Part # SUR 51175 |  | 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 |
| Speedzone | Speedzone Part # SZBLS175 |  | One piece Can, stator removes. Adjustable timing 0/+60 deg. Wind etched on stator (hidden). All screws magnetic. Al. retaining housing, steel shielded bearings. Rotor with name, Part # SZR125S, diameters on shaft. Option Rotor: SZR125S-T, diameters on shaft. | 19.08.19 30.09.19 |
| Hobbywing | Xerun V10 G3R Pt # 30401131 |  | Sensored system. 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 with name & Part # 30820411. Option rotor: 30820416. Later versions can have mounting end-cap chamfer plain aluminium with no black paint. | 05.08.19 06.07.20 |
| XFactor Motor (Part # - REV1102) disqualified due to manufacturer technical irregularities found. | | | | 24.07.24 |
| United Sino Enterprises | ORCA Blitreme2 Part # MO18BT54175 |  | Sensored system. Stator bonded, has access holes. ORCA, Blitreme2 & wind etched on End-Cap. Wind on stator. Adj. timing +10/60. Single 3mm collector ring. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & Part #: RT18M125258. | 25.03.19 |
| Motiv | MC3 Part # MOV31017 |  | Sensored system. Alu. timing plate with logo. End-Cap ass. removes. Adjustable sensor plate timing 0/+40 deg. Has stator access. Twin collector rings. All screws magnetic, full Al. sensor housing, steel shielded bearings. Rotor part # MOV1330. Option rotor MOV1318 | 04.02.19 |
| LRP | XTEC X22 Part # 520202 |  | Sensored system. "Y" Wind. 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. | 14.01.19 01.07.19 |
| SMC | Lowrider Part # SMCLR40175 |  | 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-400003-59 |  | 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 |
| Fantom | Fantom ICON Pt. # FAN193171CON |  | Stator glued in one piece can, no hysol on outer edge. Wind on stator. Can has wind & ICON etched. Adjustable timing +20/+60 deg. Three internal steel pins 2.48 dia. All screws magnetic. Bearings magnetic with steel shields. Rotor with name, Part # - FAN19597. | 26.11.18 |
| Surpass | Rocket V4S Stock Spec. Part # SUR7175 |  | 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 |
| Team Powers | Actinium V3.0 Pt. # TPBLM 175100 ACT-V3 |  | Sensored system. Black Aluminium Sleeve & End-Cap. Stator with wind etched & visable. Sintered rotor with one balance ring. Body screws non-magnetic, timing screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name, Part # TP125G-R2. Option rotor: TP123G-R2 | 17.09.18 02.07.19 |

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| Hoomark | Zombie CJ Edition. Part # M-TZ-RBE175T |  | Sensored system. "Y" Wind. Stator bonded but visible. Adjustable timing 0/+60 deg. Body screws non-magnetic, timing screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with: Zombie, Part # M-TZ-725125 on shaft. Option rotor: M-TZ-725125S | 17.09.18 |
| Tekin | Redline G3 SPEC-R Part # TT2697 |  | Sensored system. "Y" Wind. Adj. timing 0/60. Machined Alum. Can, wind printed. Stator visible. All screws magnetic, Al. retaining housing, steel shielded bearings. Min. length 50.00mm. Rotor with name & Part # 2722. Option rotor: 2721 | 23.04.18 |
| Hobbywing | Xerun V10 G3 Pt # 30401104 |  | 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. Later motors 30820406. Both rotors allowed. | 26.03.18 24.12.18 |
| Surpass | Rocket V3 Pro Stock. Part # SUR6175 SUR1175 |  | Sensored system. "Y" Wind. Stator bonded, has access. Adjustable timing 0/+45 deg. Wind etched on stator. Body screws non-magnetic screws, timing screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with Surpass, Part # C74125 on shaft. Black casings and Part # update in 2022. | 05.02.18 04.07.22 |
| Reedy | Reedy S+Plus Part # 27402 |  | Sensored system. "Y" Wind. Alu. timing insert with 'R' logo, timing 0/+ 50 deg. Stator can be removed, wind etched on stator. All screws magnetic, Al. sensor housing & retaining plate, steel shielded bearings. Rotor with name & Part # 27414 of shaft flat. | 15.01.18 |
| Tianco | ORCA Blitreme Part # OMB175BL |  | Sensored system. "Y" Wind. Stator bonded, has access holes. ORCA Blitreme & wind etched on End-Cap. Adjustable timing 0/60. Twin collector ring. All screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with name & Part # ORR425SO. | 15.01.18 |
| Reds Racing | VX2 Part # MTTE 0023 |  | 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 | 15.01.18 |
| Arrowmax | Dash R-Tune Part # DA740175 |  | 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 App.4 Rule 4.6. | | | | |
| Maclan | MRR V2 Part # MCL1034 |  | Sensored system. "Y" Wind. Black Can & End-Cap with logo. Nickel rotor with one Black Alu. bal. ring. Adjustable timing +20/+ 50 deg. Has stator access. Rotor Part # MCL4143. Option Rotor : MCL 4144 | 16.10.17 20.11.17 |
| Trinity | Monster Max Horsepower Part # TEP 1506 |  | Sensored system. 'Y' Wind. Green end-plate has Trinity & Monster Max etched. Stator sleeve with Trinity, M Max & Wind etched. Adjustable sensor plate timing 0-60 deg. Has stator access. Wind stamped on lower collector ring. Rotor with name & Part # TEP1112, later versions TEP1119. Either options allowed. | 16.10.17 09.04.18 |
| Fantom | Fantom FR-1 v3R Pt. # FAN19413S |  | Sensored system. "Y" Wind. Stator glued in sleeve. Sleeve with wind & 'R' etched. Adjustable timing +20/+60 deg. Has stator access no hysol on outer edge. Wind etched on stator. Rotor with name, Part # - FAN19597. | 25.09.17 |

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| Fantom | Fantom FR-1 v3T Pt. # FAN19414S |  | Sensored system. "Y" Wind. Stator glued in sleeve. Sleeve with wind & 'T' etched. Adjustable timing +20/+60 deg. Has stator access no hysol on outer edge. Wind etched on stator. Rotor with name, Part # - FAN19597. | 25.09.17 |
| Motiv | MCR Part # MOV101752S |  | Sensored system. "Y" Wind. Alu. timing plate with MOTIV logo. Both End-Caps remove. Nickel sintered rotor with black balance ring. Adjustable sensor plate timing +20/+50 deg. Has stator access. Rotor part # MOV1340 | 28.08.17 |
| R1 Brushless Motor Lab. | R1 Part # R1-175B-125-V16 BRCA & EFRA |  | Sensored system. "Y" Wind. End-Plate with R1 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. V16 etched on sleeve. Rotor with name & Part #: R1-125-720-002 Option rotors: R1-123-720-001 | 24.07.17 |
| Muchmore | FLETA ZX V2 Part # MR-V2ZX175ER |  | 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 | 10.07.17 31.10.17 |
| PRT Electronic | PRT AIR 10 Part # A10175 |  | Sensored system. "Y" Wind. Black Alu. Caps & Sleeve, PRT on End-Plate. Adjustable timing. Caps remove. Wind marked on sleeve. Has stator access. "S" version not approved. Rotor with name & Part # 125RSHT. Option rotor: 123RSHT | 15.05.17 |
| Hobbywing | Xerun Justock 3650 G2 Pt # 30408006 |  | 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 |
| Fantom | Fantom FR-1 v2R Pt. # FAN19473S |  | Sensored system. "Y" Wind. Stator glued in sleeve. Sleeve with wind etched. Adjustable timing +20/+60 deg. Has stator access but hysol on ends. Wind etched on stator. Rotor with name, Part # - FAN19591. Option Rotor: FAN19590. | 23.01.17 |
| Fantom | Fantom FR-1 v2T Pt. # FAN19474S |  | Sensored system. "Y" Wind. Stator glued in sleeve. Sleeve with wind etched. Adjustable timing +20/+60 deg. Has stator access but hysol on ends. Wind etched on stator. Rotor with name, Part # - FAN19591. Option Rotor: FAN19590. | 23.01.17 |
| Orion | Vortex Ultimate Stock XLW (2016) # ORI28374 |  | Sensored system. "Y" Wind. Small dia. Black sleeve with removable Alu. End-Plates, all retained with long screws. Adjustable timing 0/+40. Wind etched. Two sensor plug. Rotor has name & part # ORI 41553. Option Rotor: ORI 41554 | 23.01.17 13.02.17 |
| Maclan | MRR Part # MCL1016 |  | 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. # OMT175RT |  | 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 # ORR425S0. Option rotors:- ORR --- 325S1, 233SL, 238SL, 253SL, 258SL. | 16.01.17 |
| Fenix | Fenix DFV2 Pt. # FM00175- 2 |  | Sensored system. "Y" Wind. Black Alu. Can & End-Caps. Timing insert with Fenix DFV2 etched. Nickel sintered rotor with one Alu. bal. ring. Adjustable timing +20/+ 60 deg. Laminates visible. Rotor Part # MF72-B Option rotor: MF72 | 19.12.16 |

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| R1 Brushless Motor Lab. | R1 Part # R1-175B-125-V15 BRCA/EFRA |  | 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 | 12.12.16 03.04.17 |
| Orion | Vortex VST2 Pro. Mg. LW (2016) # ORI28331 |  | Sensored system. Dark grey one-piece Can. End-Plate has Team Orion & wind marked, retained with five screws. Adjustable timing +/- 10. Two sensor plugs. Has stator access. Rotor with name & Part # ORI 41517 Option rotor: ORI 41476 | 24.10.16 |
| Team Powers | Actinium Pt. # TPBLM 175100 ACT-V2 |  | Sensored system. "Y" Wind. Black Aluminium Sleeves & End-Plates. Stator with wind etched & visible. Nickel sintered rotor with no balance ring. Has stator access. (UK Spec. label not mandatory). Rotor with name, Part # TP125G-R | 24.10.16 |
| Tesla | Tesla EP Part # TS-194175T-S |  | 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 | 08.08.16 |
| Corally | Dynospeed Spec. 3.0 Part # C-61102 |  | 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 |
| Motiv | M Code Part # MOV10705S |  | Sensored system. "Y" Wind. Alu. timing plate with MOTIV logo. Mounting Cap removes. Nickel sintered rotor with no balance ring. Adjustable sensor plate timing 0/+50 deg. Has stator access. Rotor part # MOV1315 | 08.08.16 |
| Fantom | Fantom FR-1 Type M Pt. # FAN19482S |  | Sensored system. "Y" Wind. Stator glued & spigoted in sleeve. Sleeve with wind etched. Adjustable sensor plate timing +20/+60 deg. Has stator access. Wind etched on stator. Rotor with name, Part # - FAN19591. Optional Rotor: FAN19590 | 08.08.16 05.12.16 |
| Ruddog | Ruddog RP540 Part # RP-0014 |  | 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. Lams.visible with wind visible on stator. Rotor Part # RP-12.5-7.2 | 30.05.16 |
| Tekin | Redline Gen3 Part # TT2705 |  | 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 |
| Tekin | Redline Gen3 Part # TT2704 RPM |  | 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 |
| Turnigy | Trackstar V2 Pt # 80128 |  | Sensored system. "Y" Wind. Stator slides from sleeve.Sleeve with wind etched. Adjustable sensor plate timing 0-50 deg. Has stator access. Wind etched on stator. Rotor with name, sizes & Part #. Rotor Part # 919000281 | 16.05.16 |
| Hobbywing | Xerun V10 G2 Pt # 30101108 |  | 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. Option Rotor: # 30820015 stamped 7-12.5-U-B. Option End-Cap, timing +30/+60, Part # 30820054 | 08.01.16 12.12.16 21.11.16 |

For Homologations before 2016 -- See:- Brushless ARCHIVE, All Wind Classes before 2016.

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14.04.26