









EUROPEAN FEDERATION RADIO CONTROLLED AUTOMOBILES








**Samples of Motors included on this list have been checked for compliance to EFRA Rules for:-
Brushless 'Spec.' 13.5T Motors.**









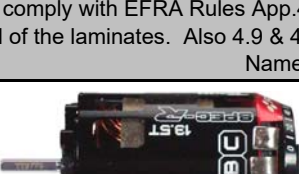


**Only Motors included on this list, can be used at EFRA Sanctioned events (EC or GP), for:
The Motor Class designated for the event.**












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.				
Sky RC	ARES Pro V4 Part # SK 400034-02		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 # 020183		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
Reds Racing	VX GEN4 MR Design Part # MTTE 0057H		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 on shaft. Option rotor: MSTE 0041	05.02.25
Reds Racing	VX GEN4 PRO Stock Part # MTTE 0061H		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 on shaft. Option rotor: MSTE 0031	05.02.25
United Sino Enterprises	ORCA Blitreme3A Part # MO24BT3U135A (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 0036P		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 135100 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 # ABM10015		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.	15.04.24

Amy Booth Models	ABM G1 Part # ABM10002		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.	15.04.24
Team Corally	Vulcan II Part # C-61171		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 # 30401749 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 magnetic bearings. Rotor with name & Part # 30820450 on shaft. Option rotor: 30820407.	14.03.24
Reedy	Reedy SP5 R Euro Part # 27489		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	15.02.24 08.07.24
United Sino Enterprises	ORCA Blitreme3 Part # MO24BT3U135 (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- V3ZX135ERTM		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
Surpass Hobby	Rocket RC V6M Lightweight Part # SUR 6513		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 6613		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- EVO2135T		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 # M-TZ-725125 on shaft. Option rotor: M-TZ-725125T	17.04.23
Trinity	Slot Machine Part # TEP 2021E		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 135100 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 # CR857		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 # 30408010		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 # 30401140		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 # 920201		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
Hoomark	Team Zombie EVOT. Part # M-TZ- EVO135TT		Sensored system. Stator removes. Adjustable timing 0/+60 deg. 4mm thick collector ring. All screws magnetic, Al. sensor retaining housing, magnetic steel shielded bearings. Rotor with: Name & Part # on shaft M-TZ-725125. Option rotor: M-TZ-725125T	01.11.21
Ruddog	Ruddog RP542 Part # RP-0447		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 # MCL1050		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
Team Powers	Actinium V4.0 Pt. # TPBLM 135100 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 # TT2763		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 # PA9408		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
PRT Electronic	PRT AIR Part # PRTAIRX135		Sensored system. "Y" Wind. Alu. Caps remove, PRT on End-Plate. Adjustable timing +30/+75. Good stator access. All screws magnetic, plastic sensor ass., magnetic steel shielded bearings located with brown 'O' ring. Rotor with PRT & Part # 125LVHT on shaft. Option rotor: 125SVHT	24.08.20

Konect	K1 Elite Stock Part # K11901008		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
Scorpion	SCORPION POWER RR-3420 Part # (ending) 7086984180		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-0359		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
Absima	CTM V.3 Part # 2130060		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 Std. Ver. Part # MTTE 0036 MTTE 0036C 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. Motor with Part # ending with C has non-magnetic long body screws.	03.02.20 09.11.20
Reds Racing	VX3 High Tor. Part # MTTE 0036T MTTE0036TC MTTE0036P MTTE0036PC 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 0031. 4 versions submitted. Motor with Part # ending with:- 'T' has higher torque 'C' has non-magnetic long body screws. 'P' has updated stator material.	22.01.20 09.11.20 02.05.22
Hoomark	Team Zombie EVO. Part # M-TZ-EVO135T		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-61111		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 # FAN19213T		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
Surpass	Rocket-RC V5R Part # SUR 51135		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 # SZBLS135		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

United Sino Enterprises	ORCA Blitreme2 Part # MO18BT54135		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.	17.06.19
RC Concept	RC Concept CR10 Part # 20410135		Sensored system. "Y" Wind. Stator bonded. Adjustable timing 0/+60. Wind etched on stator. All screws magnetic, Al. retaining plate, steel shielded bearings. Rotor with name. Part # 50126.	17.06.19
Hobbywing	Xerun V10 G3R Pt # 30401130		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 with name & Part # 30820411.	15.05.19
			Option rotor: 30820416.	17.06.19
			Later versions can have mounting end-cap chamfer plain aluminium with no black paint.	06.07.20
XFactor Motor (Part # - REV1101) disqualified due to manufacturer technical irregularities found.				24.07.24
RC Streamline	WS Line Part # E19135		Sensored system. "Y" Wind. Sleeve with WS Line & wind on stator. Adj. timing 0-60 deg. Has stator access. Body screws non-magnetic, timing screws magnetic. Al. sensor housing. Steel shielded bearings. Rotor with name & Part #: WSL540S	22.04.19
Motiv	MC3 Part # MOV31013		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 with name & part # MOV1330.	14.01.19
			Option rotor MOV1318.	04.02.19
LRP	XTEC X22 Part # 520201		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.	14.01.19
			Option rotor: 520521, 12.3S on shaft. Later motors have two full length slots, and are allowed.	01.07.19
SMC	Lowrider Part # SMCLR40135		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-400003-58		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. # FAN193131CON		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 # SUR7135		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.	17.09.18
			Option Rotor: C77123 on shaft.	12.11.18
Team Powers	Actinium V3.0 Pt. # TPBLM 135100 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.	17.09.18
			Option rotor: TP123G-R2	02.07.19

Hoomark	Zombie CJ Edition. Part # M-TZ-RBE135T		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 # TT2698		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 # 30401103		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.	27.02.18 24.12.18
Surpass	Rocket V3 Pro Stock. Part # SUR6135 SUR1135		Sensored system. "Y" Wind. Stator bonded, has access. Adjustable timing 0/+45 deg. Wind etched on stator. Body screws non-magnetic, timing screws magnetic, Al. retaining housing, steel shielded bearings. Rotor with Surpass, Part # C74125 on shaft. Black casings & Part # update ion 2022.	05.02.18 04.07.22
Reedy	Reedy S+Plus Part # 27403		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 # OMB135BL		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 0022		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 # DA740135		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 # MCL1033		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 1505		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. # FAN19411S		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

Fantom	Fantom FR-1 v3T Pt. # FAN19412S		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 # MOV101352S		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 # R1-135B-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-V2ZX135ER		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	24.07.17 31.10.17
PRT Electronic	PRT AIRs 10 Part # A10135S		Sensored system. "Y" Wind. Black Alu. Caps & Sleeve, PRT on End-Plate. Adjustable timing. Caps remove. Wind marked on sleeve. Has stator access. Rotor with name & Part # 125RSHT. Option rotor: 123RSHT	31.05.17
PRT Electronic	PRT AIR 10 Part # A10135 (2017 ver.)		Sensored system. "Y" Wind. Black Alu. Caps & Sleeve, PRT on End-Plate. Adjustable timing. Caps remove. Wind marked on sleeve. Has stator access. Rotor with name & Part # 125RSHT. Option rotor: 123RSHT	15.05.17
Hobbywing	Xerun Justock 3650 G2 Pt # 30408005		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 # R1-135B-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	13.02.17 03.04.17
Fantom	Fantom FR-1 v2R Pt. # FAN19471S		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. # FAN19472S		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 LW (2016) # ORI28369		Sensored system. "Y" Wind. Full 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 41554. Option Rotor: ORI 41553	23.01.17 13.02.17
Maclan	MRR Part # MCL1015		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. # OMT135RT		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
Reds Racing	VX Part # MTTE 0012		Sensored system. "Y" Wind. Red metal End-Plate at Term. End, with adjustable timing 0-45. Black Can/Sleeve. Stator separates & has wind etched. Rotor with Green drilled balance ring Part # MSTE0016. Optional rotors:- # MSTE0009, MSTE0010	19.12.16
Trinity	Monster Horsepower Part # TEP 1501 "M"		Sensored system. "Y" Wind. Green end-plate has Trinity etched. Stator sleeve with Trinity, M & Wind etched. Adjustable sensor plate timing 0-60 deg. Has stator access. Wind stamped on lower collector ring. Rotor with name & Part # TEP1118. Option Rotor # TEP1112.	14.11.16
Orion	Vortex VST2 Pro. Mg. LW (2016) # ORI28330		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 41476 Option rotor: ORI 41517	24.10.16
Team Powers	Actinium Pt. # TPBLM 135100 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
Corally	Dynospeed Spec. 3.0 Part # C-61101		Sensored system, two ports. "Y" Wind. One end of stator visible but stator removes. Wind etched on End-Cap. End-Cap Alum., adjustable timing, no numbers. Rotor with logo, Part # 61130	08.08.16
Tesla	Tesla EP Part # TS-194135T-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	18.07.16
Motiv	M Code Part # MOV10305S		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	18.07.16
Fantom	Fantom FR-1 Type M Pt. # FAN19480S		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.	18.07.16 05.12.16
Fantom	Fantom FR-1 Type RS Pt. # FAN19481S		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.	18.07.16 05.12.16
Ruddog	Ruddog RP540 Part # RP-0013		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
Fenix	Fenix DFV2-13.5 Pt. # FM00135- 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. Lams.visible. Rotor Part # MF72-B Option rotor: MF72	19.05.16

Tekin	Redline Gen3 Part # TT2707		Sensored system. "Y" Wind. Black Alum. Timing plate 2.5mm above red ring.. Adj. timing 0/60. Machined Alum. Can with wind printed. Stator visable via. slots. Rotor with one brass balance ring Part # 2721. Option rotors: 2719, 2722	16.05.16
Tekin	Redline Gen3 Part # TT2706 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 visable via. slots. Rotor with one brass balance ring Part # 2721. Option rotors: 2719, 2722	16.05.16
Fenix	Fenix DFV-13.5 Pt. # FM00135		Sensored system. "Y" Wind. Black Alu. Can & End-Caps. Timing insert with Fenix DFV etched. Nickel sintered rotor with one Alu. bal. ring. Adjustable timing +20/+ 60 deg. Lams.visible access with cap removed. Rotor Part # MF72.	18.01.16
Hobbywing	Xerun V10 G2 Pt # 30101107		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	18.01.16 12.12.16 21.11.16
For Homologations before 2016 -- See:- Brushless ARCHIVE, All Wind Classes before 2016.				
Paul Worsley. (EFRA Brushless Motor Homologation Officer). email: paul.g.worsley@gmail.com				30.09.25