









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.




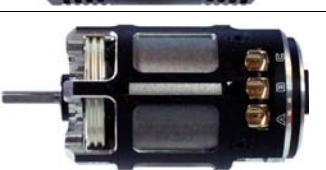


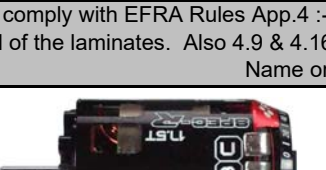

Only Motors included on this list, can be used at EFRA Sanctioned events (EC or GP), for:
The Motor Class designated for the event.





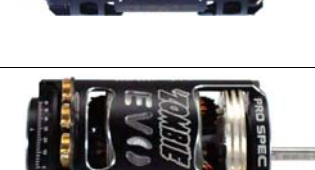
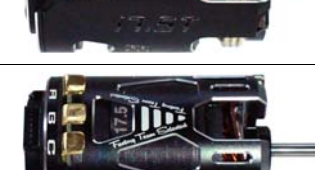




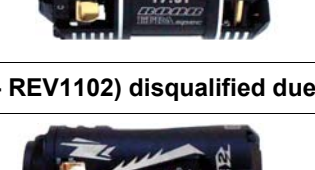
Whilst sample Motors submitted have been found to conform with EFRA rules for 'Spec' Brushless Motors, it is the responsibility of ALL competitors to ensure that the versions they use also comply with all EFRA rules and requirements.

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.				
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
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
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
Team Powers	Actinium V4.0 Pt. # TPBML 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	03.02.20
			4 versions submitted. Motor with Part # ending with:- 'C' has non-magnetic long body screws. 'P' has updated stator material	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
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.	19.08.19
			Option Rotor: SZR125S-T, diameters on shaft.	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.	05.08.19
			Rotor with name & Part # 30820411. Option rotor: 30820416. Later versions can have mounting end-cap chamfer plain aluminium with no black paint.	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 & visible. 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
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
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
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.				
Paul Worsley. (EFRA Brushless Motor Homologation Officer). email: paul.g.worsley@gmail.com				29.01.26