

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






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

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

Motor Builder	Type/ Range	Illustration only	Distributor	Notes	Approval Date
Motors below this level must comply with BRCA (EB) Rule 6.4, which requires access to the stator to allow measurement and visual appraisal of the laminates.					
Novak	Vulcan Pt. # 3647		CML Dist.	Sensored system. "Y" Wind. Black Al. End-Plate with NOVAK etched. Stator sleeve with 17.5T label. 3/16 Bearing at Pinion end. Yellow plastic denoting 17.5. Adjustable timing. Nickel sintered Rotor 12.5, 7.1 core.	09.09.13
Mtroniks	MX-1 Pt. # MTMX175		Mtroniks	Sensored system. "Y" Wind. Anodised Alum. End-Plates & Stator Sleeve, with wind printed. Fixed timing. Nickel sintered rotor with one hollow balance ring, 12.5 dia, 7.2 core. Stator visible via. Sleeve slots.	05.08.13
Muchmore	FLETA ZX Pt # MR-FZX175		Muchmore Racing UK	Sensored system. "Y" Wind. Black metal End-Bell with plastic timing plate, with adjustable timing 0-45. Black Can/Sleeve. Stator separates. Nickel sintered rotor with Green drilled balance ring. Rotor 7.2 core, 12.5 dia.	29.07.13
Nosram	Pure 2 Evolution Spec. Racing Pt.# 91854		Schumacher	Sensored system. "Y" Wind. Black moulded End-Bell with XTEC. Fixed End-Sleeve etched with wind. Sintered rotor, coloured Black, with 1 balance ring. Grey stator moulding. Rotor shaft Black stamped 12.5-25. Slot for stator access.	08.07.13
Team Epic	ReVtech Killshot Pt # REV1602R		CPD Racing	Sensored system. "Y" Wind. Copper colour Aluminium End-Plates, Killshot painted. Blue stator sleeve with ReVtech & Wind painted. Nickel sintered rotor with one purple balance ring, 12.3 dia, 7.2 core. Adjustable sensor plate timing. Has stator access	08.07.13
Team Epic	ReVtech Killshot Pt # REV1602T		CPD Racing	Sensored system. "Y" Wind. Copper colour Aluminium End-Plates, Killshot painted. Blue stator sleeve with ReVtech & Wind painted. Nickel sintered rotor with one purple balance ring, 12.3 dia, 7.2 core. Adjustable sensor plate timing. Has stator access	08.07.13
Corally	Corally Pro Silver 17.5T 399175		Modeltech	Sensored system. "Y" Wind. Plain Alum. End-Plates. Adj. timing. Plain Alum. stator sleeve with wind etched. Nickel sintered rotor with one Black balance ring, 12.3 dia, 7.18 core. Stator visible via. Sleeve slots.	17.06.13
ORCA	ORCA TX Pt. # OTM 175TX		AME Chubbies Car Shack	Sensored system. "Y" Wind. Dull Grey Aluminium casings. Main sleeve removes. Has stator access slots. ORCA TX & wind etched. End-Plate moulded, adjustable timing. 12.5mm Rotor no balance ring, shaft marked 125S-N. Option 123S-N. 12.3mm.	10.06.13
LRP	X20 17.5T Spec. # 50854		SMD	Sensored system. "Y" Wind. Black moulded End-Bell with XTEC. Fixed End-Sleeve etched with wind. Sintered rotor, coloured Black, with 1 balance ring. Grey stator moulding. Rotor shaft Black stamped 12.5-25. Slot for stator access.	22.04.13

Reedy	Reedy Sonic Mach 2 # 232		CML	Sensored system. "Y" Wind. Black metal End-Bell at Term. End, with adjustable timing 0-45. Black Can/Sleeve. Stator separates. Nickel sintered rotor with drilled balance ring, 12.5 dia, 7.2 core # 956. Optional rotors:- # 954, # 955.	08.04.13
Team Wave	Eclipse # TW2011-175		RC Racing UK	Sensored system. "Y" Wind. Black Alum. End-Plates. Adj. timing. Black Alum. stator sleeve with wind etched. Nickel sintered rotor with one plain balance ring, 12.5 dia, 7.17 core, marked 125-R. Stator visible via. Sleeve slots.	08.04.13
Tekin	Redline GEN2 17.5T # TT2404 & TT2405		RC Disco	Sensored system. "Y" Wind. Black Alum. End-Plates, not joined. Adj. timing. Alum. Can with wind etched. Stator visible via. Sleeve holes. Nickel sintered rotor with one brass balance ring. Rotor 7.14 core. 2404=12.25 dia. 2405=12.5 dia.	01.04.13
Savox	Savox SX.1 # SAV-BLH3650 991764		CML	Sensored system. "Y" Wind. Aluminium casings. Slot for stator access included. Main sleeve removes, stator spigoted into fixed casing. Saxox X1 & wind etched. End Plate moulded, adjustable timing. Rotor has no balance ring.	25.03.13
Team Orion	VST2 Pro Stock 17.5. # ORI 28252		Kyosho UK	Sensored system. "Y" Wind. Grey one-piece Can. Black Aluminium End-Plate retained with five screws, adjustable moulded timing plate. Wind etched. Nickel sintered rotor, 12.5 dia, 7.1 core, no balance rings. Optional 12.4 dia, 7.2 core.	25.03.13
Motors below this level retain approval, although they were approved before implementation of BRCA (EB) Rule 5.6, (requiring access to the stator for measurement and visual appraisal of laminates). Some motors do allow stator access.					
Horizon Hobby	Dynamite Platinum 17.5T # DYP 1017		Horizon Hobby UK	Sensored system. "Y" Wind. Black Aluminium End-Plate at Term. End, with adjustable timing. Wind etched on Term. Sleeve, Stator mould & Stator Lams. Stator separates. Nickel sintered rotor with drilled balance ring, 12.5 dia, 7.2 core.	20.08.12
Hobbywing	Xerun Pt. # 90040141		CPD Racing	Sensored system. "Y" Wind. Polished Aluminium End-Plates, Hobbywing etched. Fixed timing. Blue stator sleeve with 17.5T & Pt.# etched. Sleeve & EndPlates also Gunmetal colour. Side entry sensor plug. Nickel sintered rotor, 12.4 dia, 7.2 core. Rotor with one balancing ring.	13.08.12
Reedy	Reedy Sonic Pt. # 941		CML	Sensored system. "Y" Wind. Black Plastic End-Plate at Term. End, with adjustable timing. Black Can/Sleeve. Wind etched. Stator separates. Nickel sintered rotor with drilled balance ring, 12.5 dia, 7.2 core. Later version has more timing graduations detailed & relocated pointer.	14.05.12
Team Epic	ReVtech R-Power Pt # REV1052		MB Models	Sensored system. "Y" Wind. Copper colour Aluminium End-Plates, ReVtech painted. Blue stator sleeve with ReVtech & Wind painted. Nickel sintered rotor with one purple balance ring, 12.45 dia, 7.2 core. Adjustable sensor plate timing. Mounting Plate with 3 x 5.9mm slots.	12.03.12
Vampire	Vampire Type AB+ Bloodline Pt. # VR-3175		X-Factory UK	Sensored system. "Y" Wind. Black Plastic End-Plate at Term. End, with adjustable timing. Sensor plug horizontal. Blue End plates. Wind etched. Nickel sintered rotor with no balance rings, 12.5 dia, 7.21 core.	12.03.12

Graupner	GM Brushless PRO. Pt. # 97417. 2012 version.		Schumacher	Sensored system. "Y" Wind. Alum. Mounting-Plate with 3x5mm holes and 3 radiused slots. Plastic End-Cap with GM moulded. Adj. timing. Gun-Metal stator sleeve with Wind & Pt.# etched. Side entry sensor plug. Nickel rotor marked GM Stock, 12.51 dia, 7.24 core.	31.12.11
Thunder Power	Z3R-S Part # TPM-540A175		Schumacher	Sensored system. "Y" Wind. Black Plastic Moulding at Term. End, with adjustable timing. Red Can/Sleeve with silver end cover. Wind etched on stator. Stator separates. Nickel sintered rotor with drilled red balance ring, 12.25 dia, 7.2 core. Optional Rotors:- Blue or Green balance ring.	17.10.11. 16.04.12.
Speed Passion	Competition 3.0 MMM Version Pt.# SP000039		Schumacher	Sensored system. "Y" Wind. Dark Gun-Metal Aluminium Sleeve & End-Plates, SP etched. Sleeve with Wind etched. End-Plates with grooves. Red sensor board. Black sintered rotor with one balance ring, 12.3 dia, 7.2 core. Adjustable timing 11-20 deg.	04.07.11
Trinity	Trinity D3 Pt. # TEP1053		X-Factory UK	Sensored system. "Y" Wind. Gun-Metal Aluminium End-Plates, Trinity etched. Black stator sleeve with D3 & 17.5T etched. Nickel sintered rotor with one balance ring, 12.25 dia, 7.21 core. Adjustable sensor plate timing.	16.05.11
Viper	Viper VST Pt. # 8VST 175001		X-Factory UK	Sensored system. "Y" Wind. Red Aluminium End-Plates, VST & 17.5T etched. Black grooved stator sleeve. Black sintered rotor with no balance rings, 12.5 dia, 7.35 core. Adjustable timing.	16.05.11
Novak	Ballistic Pt. # 3617		CML	Sensored system. "Y" Wind. Black Al. End-Plate with NOVAK etched. Stator sleeve with 17.5T label. Ring etched. Nickel plated sintered rotor, 12.3 dia, 7.12 core. Yellow plastic denoting 17.5. Adjustable timing. Vented End-Bells # 5925 approved.	11.04.11 18.06.12
Tekin	Tekin Redline 17.5T Spec. Pt. # TT2251 (Etched Can)		RC Disco	Sensored system. "Y" Wind. Red Aluminium mounting plate. Black moulded End-Bell with Tekin. Grooved Al. bonded stator sleeve with 17.5T etched. Nickel plated sintered rotor, 12.4 dia, 7.11 core. No balance rings.	11.04.11
HPI	Flux Pro. Pt. # 101733		HPI Europe	Sensored system. "Y" Wind. Black Aluminium End-Plates, HPI etched. Black stator sleeve with Wind etched. Nickel sintered rotor, 12.5 dia, 7.2 core. Adjustable timing. Optional rotor - 12.2 dia, 7.2 core, Nickel plt. Optional rotor 107252 - Mag. & shaft Black.	28.03.11 07.05.12
Team Powers	Plutonium Pt.# TP-BLM-175100PL		RC-Explorer UK	Sensored system. "Y" Wind. Black Aluminium End-Plates, Team Powers etched. Gun-Metal stator sleeve with 17.5T etched. Nickel sintered rotor with no balance ring, 12.26 dia, 7.24 core. Adjustable sensor plate timing.	12.02.11
Graupner	GM Brushless PRO. Pt.# 97357 2011 version.		Schumacher	Sensored system. "Y" Wind. Gun-Metal Aluminium End-Plates, GM-Racing etched. 5 timing threads. Gun-Metal stator sleeve with S17.5T & Pt.# etched. Side entry sensor plug. Black sintered rotor, 12.4 dia, 7.21 core. Rotor with one balancing ring.	31.01.11

ORCA	ORCA RX2 Pt. # OBM175X2		Answer RC.	Sensored system. "Y" Wind. Gun-Metal End-Plates, RX2 & 17.5T etched. Gun-Metal sleeve with RX2 & 17.5T etched. Black rotor, one balance ring, 12.2 dia, 7.20 core. Optional rotor OMA123PX 12.2mm nickel. Adjustable sensor plate timing. Mounting Plate 3 x 6mm holes & chamfer.	31.01.11 31.12.11
Graupner	Brushless PRO. Pt. # 97297		Schumacher	Sensored system. "Y" Wind. Dark Gun-Metal Aluminium End-Plates, GM-Racing etched. 5 timing threads. Dark Gun-Metal stator sleeve with S17.5T & Pt.# etched. Side entry sensor plug. Black sintered rotor, 12.3 dia, 7.2 core. Rotor with one balancing ring.	21.12.09
LRP	X12 Vector Stock Spec. Pt.# 50852		SMD	Sensored system. "Y" Wind. Black moulded End-Bell with XTEC. Sleeve etched "17.5 Turns". Black Sintered rotor, 12.5 dia, 7.1 core. Rotor shaft, Black. Manufacturers 'grooved' Al. End-Bell with name engraved allowed at terminal end. Optional green rotor 50639 12.2, 7.1 core Later versions have rotor shaft stamped.	23.11.09 31.01.11 28.05.12
LRP	Vector X11 Stock Spec. Pt. # 50850		SMD	Sensored system. "Y" Wind. Black moulded End-Bell with XTEC. Gold anodised ring. Chamfered mounting face. Sleeve etched "17.5 Turns". Sintered rotor, 12.3 dia, 7.35 core. Rotor shaft, Black. Manufacturers 'slotted' End Plates (std. & thin versions) allowed at pinion end. Manufacturers later 'grooved' Al. End Plate with name engraved allowed at terminal end.	05.10.09
Speed Passion	3.0 - 17.5R Pt.# SP138175V3		Schumacher	Sensored system. "Y" Wind. Light Gun-Metal Aluminium End-Plates, SP & 17.5T etched. Light Gun-Metal stator sleeve with SP17.5T etched. Black sensor board. Black sintered rotor with one balance ring, 12.3 dia, 7.22 core. Adjustable timing 0-10.	05.10.09

Paul Worsley. (BRCA Electric Board Tech. Officer) 09.09.13.

E-Mail paul.worsley@virgin.net