

**Product Sections**■ **Whats New!**■ **Radio Control Model Boat Kits**

[Aerokits](#)
[Aeronaut](#)
[Aquacraft](#)
[Billing Boats Suitable for RC](#)
[Caldercraft Scale Model Boats](#)
[Dragon RC Boats](#)
[Dumas](#)
[Dumas Chris-Craft](#)
[Graupner RC Boats](#)
[Graupner Premium Line](#)
[Joysway](#)
[Krick Kits Suitable for Electric Power](#)
[Krick Steam Launches](#)
[Mantua & Panart Suitable for RC](#)
[New Maquettes](#)
[Osborn Model Kits](#)
[Precedent Model Boats](#)
[Pro Boat](#)
[Racing Boats](#)
[Robbe RC Boats](#)
[Sailing Yachts](#)
[Tamiya](#)
[Thunder Tiger](#)
[Walterstons](#)

■ **Static Display Model Boat Kits**

[Aeronaut Static Display Kits](#)
[Amati America's Cup Yachts](#)
[Amati Static Display Kits](#)
[Amati Specialist Kits \(Non-Boat\)](#)
[Artesania Latina Kits](#)
[Artesania Specialist Kits \(Non Boat\)](#)
[Billing Boats Static Display Kits](#)
[Caldercraft Heritage Series](#)
[Caldercraft Nelsons Navy Constructo Kits](#)
[Corel Static Display Kits](#)
[Dumas Static Display Kits](#)
[Euromodel Como Static Display Kits](#)
[Krick Static Display Kits](#)
[Mamoli Static Display Kits](#)
[Mamoli "Mini Mamoli"](#)
[Mantua Static Display Kits](#)
[Mantua RMS Titanic](#)
[Mantua "Silhouette Line"](#)
[Mantua Specialist Kits \(Non-Boat\)](#)
[Matchstick Kits](#)
[Modellers Shipyard](#)
[Model Shipways Static Kits](#)
[Model Expo Specialist Kits \(Non-Boat\)](#)
[Occre Static Display Kits](#)
[Occre Specialist Kits \(Non Boat\)](#)
[Osborn Model Kits](#)
[Panart Static Display Kits](#)
[Panart Amerigo Vespucci](#)
[Multi Part Kit](#)
[Sergal Static Display Kits](#)
[Soclaine \(MGS\)](#)
[Tasma](#)
[Victory Models](#)

Graupner DS8311 Hi Performance BB MG Servo (G5164)

[Cornwall Model Boats](#) | [Radio Control Equipment](#) | [Servos](#) | [Graupner Servos](#) | [Graupner DS8311 Hi Performance BB MG Servo](#)



Graupner DS8311 Hi Performance BB MG Servo

Double ballbearing supported hi-performance proportional servo with 5.5 mm wide drive gearwheels and featuring a powerful cobalt-samarium electric motor.

Though of diminutive size the servo comes up to the highest requirements as regards torque, power, resolution and operational reliability. Designed mainly for large models and other applications requiring maximum operating power. A long-life special potentiometer with sextuple wiper guarantees optimum resolution.

Specification

Torque at 4.8 V approx. 9.8 kg/cm
 Torque at 6.0 V approx. 11.2 kg/cm
 Holding moment at 4.8 V (Ncm) approx. 180
 Holding moment at 6.0 V (Ncm) approx. 212
 Transit speed at 4.8 V (sec. / 40°) approx. 0.15
 Transit speed at 6.0 V (sec. / 40°) approx. 0.12
 Weight g approx. 59
 Gearbox PG MG
 Bearings 2 x BB
 Dimensions (LxWxH) approx. 39 x 19 x 39,5 mm
 Part No: G5164

Price: £100.00 (Including VAT at 20%)

Euros: €133.99 (Inc VAT) / US Dollars: US\$120.83 (Tax Free)

Quantity:

ADD TO CART ➔

Customers who bought this item also bought:

1. [MFA Torpedo 800 Marine Electric Motor](#) (Ref: M1114/1)
2. [Graupner Schottel Drive Unit II \(2335\)](#) (Ref: G2335)
3. [Plain Coupling Insert 1/4](#) (Ref: C8018)
4. [Plain Coupling Insert 5mm](#) (Ref: C8008)

[Cornwall Model Boats](#) | [Radio Control Equipment](#) | [Servos](#) | [Graupner Servos](#) | [Graupner DS8311 Hi Performance BB MG Servo](#)

<< Previous

Recently Viewed

Next >>

- **Plastic Model Kits**

Academy
Airfix
AMT
Dragon
Ebbro
Easy Model
Heller
Italeri
Lindberg
Minicraft
Moebius Models
RB Model Upgrade Parts
Revell
Smer
Tamiya
Trumpeter
TV & Film Kits

					
Graupner Sailwinch 4	Graupner Regatta Evolution Sailwinch Servo	Graupner Regatta II Sailwinch Servo	Graupner Regatta ECO Speed Sailwinch Servo	Graupner Regatta ECO II Sailwinch Servo	Graupner HI 770BB Serv
£140.39	£137.99	£92.99	£89.99	£74.99	£69.98

- **Mantua Cannon & Weapon Kits**

Cannons
Weapons

- **Model Boat & Ship Fittings**

Aeronaut Fittings
Amati Fittings
A.M.P. Fittings
Artesania Latina Fittings
BECC Flags, Decals & Lettering
Begemot Warship
Transfers
Billing Boats Fittings
Caldercraft Modern Fittings
Caldercraft Period Ship Fittings
CAP Maquettes Fittings
CAP Maquettes Yacht Fittings
CMK Czech Master Fittings
Constructo Fittings
Corel Fittings
Dumas Fitting Sets
Eduard Photo-Etch Detailing
Euromodel Fittings
Gold Medal Models
Graupner Fittings
Joysway Spares
Krick Fittings
Mamoli Fittings
Mantua Fittings
MK1 Design
New Maquettes Fittings
Pro-Boat Spares
Occre Fittings
Quaycraft Fittings
RB Model Fittings
Robbe Fittings
Scale Link Etched Brass Fittings
Tamiya Fittings
TP Miniatures

- **Model Boat & Ship Plans**

Amati Plans
Corel Plans
Euromodel Plans
Marine Modelling
International Plans
Mantua Plans
Mamoli Plans
New Maquettes Plans
Panart Plans
Sergal Plans
Victory Models Plans

- **Adhesives, Paints & Grease**

Adhesives
Grease & Oils
Paints
Fillers, Putty & Sealers
Masking Tape
Paint Brushes
Paint Accessories

- **Airbrushes &**

Compressors

Airbrushes
Compressors
Airbrush Accessories
Airbrush Adaptors
Airbrush & Compressor
Packages
Airbrush Propellant
Spraybooths

▪ Books, Magazines & Catalogues

Books
Magazines
Manufacturers Catalogues

▪ Building Materials

Carbon Fibre
Metals
Plasticard (Styrene)
Raboesch Super Styrene
Profiles & Sheets
Scenics & Craft
Timber
Trimline

▪ Hardware & Accessories

Batteries
Battery Chargers &
Accessories
Bow Thrusters
Cables & Connectors
Couplings
Drive Sets & Units
Electric Motors, Mounts &
Gearboxes
Electronic Mixer Units
Electronic Modules & Units
Engines (Nitro)
Fast Electric Boats
Hardware
Fasteners (Screws, Nuts
etc.)
Glow Fuel & Accessories
Miscellaneous Hardware
Prop Shafts
Propellers - Brass &
Plastic
Rudders
Smoke Generators
Sound & Lighting Systems
Speed Controllers
Steam Engines &
Accessories
Water Pumps &
Watercooling

▪ Radio Control Equipment

Radio Control Systems
Installation Accessories
Radio Batteries &
Chargers
Receivers
Servos
Switches & Leads
Telemetry
Voltage Regulators/BEC's

▪ Tools

Tool Packages
Building Cradles & Keel
Clamps
Carvers, Probes and
Broaches
Clamps & Vices
Dremel Tools &
Accessories
Drills, Chucks & Drillbits
Files & Planes
Knives, Knife Sets &
Blades
Lightcraft
Marking & Measuring
Miscellaneous Tools
Pin Pushers & Hammers
Plank Benders
Pliers & Scissors
Power Tool Accessories
Power Tools
Rigging Tools
Sanding Tools & Materials

Saws & Saw Blades
Screwdriver Sets
Service Aids & Lubrication
Soldering
Swann Morton Scalpels &
Knives
Tweezers & Forceps

- **Best Sellers**

Main Pages

- [Home](#)
- [Explanation of Kit Difficulty Ratings](#)
- [Billing Boats Instruction Manuals](#)
- [Mantua Instruction Manuals](#)



**FREE MAINLAND
UK DELIVERY**
On orders over
£150

Secure On-line Payment
We accept all major
credit cards



New Products

4025/50 Hall Anchor 40mm



£2.58

Hall anchor,
Length
40mm. Metal.
[find out more](#)

British Army Attack Force Gift Set 1:48



£24.98

The Warrior
comes with
British Army

Patrol Troops in this set ...
[find out more](#)

Model Airways Sopwith Camel WW1 Plane 1:16 Scale



£265.99

Sopwith
Camel F.1
Airplane
Model Kit by

Model Airways, WWI British ...
[find out more](#)

Micro Magic "Carbon Edition"



£137.99

The racing Micromagic has been developed to reflect progress in the ...

[find out more](#)

Model Airways Wright Flyer 1:16 Scale



£104.50

THE WRIGHT FLYER, 1903
Model Airways'

latest entry into the ...

[find out more](#)

Model Airways Curtiss Jn - 4d Jenny 1:16 Scale



£332.50

CURTISS JN-4D JENNY, 1917 by Model Airways

The Curtiss Jenny ...

[find out more](#)

Model Airways Nieuport 28 Rickenbacker 1:16 Scale



£265.99

Nieuport 28 Airplane Model Kit by Model Airways

- Eddie Rickenbacker's ...

[find out more](#)

Model Airways Albatros D. Va Red Baron 1:16 Scale



£265.99

Albatros D.Va by Model Airways

There's never been an airplane model ...

[find out more](#)

Best Sellers

Universal Joint



£2.20

Modular type universal joint, requires

inserts to complete.

[find out more](#)

Deadeye Walnut 5mm

**£0.10**

3 Hole
Walnut
deadeyes

5mm diameter. Sold Individually
[find out more](#)

Aliphatic Rapid Glue 145ml

**£3.50**

Outperforms
traditional
white glues
with it's super
fast grab time
and ...

[find out more](#)

Matt Admiralty Varnish 18ml - AV9110W

**£2.09**

This Matt
varnish seals
wood and
gently brings
out /
enhances ...

[find out more](#)

AP9105W Dull Black 18ml

**£2.09**

Sold in 18ml
bottles,
Admiralty
Paints Dull
Black is a
scale ...

[find out more](#)

Plain Coupling Insert 4mm

**£2.00**

4mm Plain
Insert,
Includes grub

screw

[find out more](#)

Cannonballs 2.5mm (50)

**£1.68**

Black Plastic
Cannonballs
2.5mm Pack
Qty 50

[find out more](#)

Walnut Dowel 1mm

**£0.84**

Walnut Dowel
1mm
Diameter x

approx 1000mm
[find out more](#)

©2006-2013 Cornwall Model Boats Ltd [Contact Us](#) | [Privacy Policy](#) | [Terms & Conds](#) | [Mail Order Only](#)

Cornwall Model Boats Ltd, Unit 4D, Highfield Road Ind Estate, Camelford, Cornwall, PL32 9RA, England

Phone: 01840 211009 (International +44 1840 211009)