

DS-2C WORLD'S MOST EXCITING AMPHIBIOUS LIGHT SPORT AIRCRAFT



DORNIER SEAWINGS



fly somewhere, everywhere



Max Cruise Speed

250 KM/H



Max Range

>1000 KM



Occupants

2



Max Take-off Weight

650 KG



Take-off Distance, Land
(MTOW)

320 M



Demonstrated Wave Height

SEA STATE 2

DS-2C - world's most exciting amphibious light sport aircraft



EXPLORE YOUR NEXT ADVENTURE

DS-2C is a two-seat amphibious, light sports aircraft manufactured from lightweight, carbon fibre materials. Light by design, but incorporating structural integrity for safety of flight the aircraft can host up to two occupants and 100 litres of fuel.

Unlimited runways

Equipped with an electrically driven 3 cycle and individually controllable landing gear as well as extremely robust tires, DS-2C defies the elements and enables safe landing on all grounds and water surfaces.

Pioneering traveling comfort

DS-2C combines versatile functionality and ground-breaking comfort. It offers ergonomic cabin design, e. g. flight control via center stick, just as an extremely spacious baggage compartment (>1m³) and additional side pockets.

Best in class performance

DS-2C is the fastest aircraft in its class. The typical cruise speed, at max cruise power setting is about 185 km/h IAS. The typical equipped aircraft comes with about 250kg of payload adding value for your next adventure. DS-2C has excellent handling qualities in the air, on ground and on water surfaces, ensuring safe flight with maximum performance.

DS-2C - GENERAL AIRCRAFT SPECIFICATIONS*

ENGINES

Manufacturer	Rotax
Model	912 iS
Shaft-Horsepower	73.5 kw

EXTERNAL DIMENSIONS

Wing Span	9.18 m
Length	7 m
Height	2.30 m
Wing Area	11 m²

PROPELLERS

Manufacturer	Neuform
Number of Blades	3

ACCOMMODATIONS

Number of seats	2
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WEIGHTS

Approx. Basic Empty Weight	395 kg
Maximum Take-off Weight	650 kg
Load factor	+ 4 / -2 G

FUEL CAPACITY

Useable	107 l
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SPEEDS

Maximum Cruise Speed	250 km/h
Stall Speed (MTOM)	73 km/h

RATE OF CLIMB

Climb speed	3.2 m/s
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TAKE-OFF DISTANCE

Land (over 15 m)	320 m
Water (over 15 m)	803 m

LANDING DISTANCES

Land (over 15 m)	460 m
Water (over 15 m)	590 m

ABOUT DORNIER SEAWINGS

Dornier Seawings, based in Germany and China, is the culmination of three generations of Dornier aviation heritage that designs, develops and manufactures foremost seaplanes. Dornier Seawings is a multicultural and multi-national Joint Venture between the Dornier family and two state-owned Chinese enterprises: Wuxi Industry Development Group Co., Ltd and Wuxi Communications Industry Group Co., Ltd.

Today, the company's mission is to design, produce, sell and support the Dornier Seastar CD2 and the Orca, the world's most advanced amphibious aircraft and mission platform, as well as the DS-2C, the most exciting amphibious light sport aircraft. Dornier Seawings is also developing a research program for additional environmental conscious state-of-art amphibious air mobility.

Learn more at: www.dornierseawings.com

OUR LOCATIONS

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*PRELIMINARY DESIGN DATA:

All data and information published within this brochure are preliminary and subject to change without notice.

Seastar - world's most advanced amphibious aircraft

