

# DORADE

## Technical Specifications

<b>Principal Dimensions</b>	<b>metric</b>	<b>imperial</b>	
Length Overall	16.02 m	52.56 ft	
Length Waterline	11.85 m	38.90 ft	
Beam	3.13 m	10.33 ft	
Draft	2.52 m	8.27 ft	
Displacement	16,790 kg	37,020 lb.	
Upwind Sail Area	144 sqm	1545 sq.ft.	(Main, 148% Jib & Mizzen)
Offwind Sail Area	228 sqm	2455 sq.ft.	(Main, Main A2, Mizzen & Mizzen Staysail)
<b>Rig Dimensions</b>			
I	17.43 m	57.19 ft	
J	5.32 m	17.45 ft	
P	15.60 m	51.18 ft	
E	7.155 m	23.47 ft	
Py	6.90 m	22.64 ft	
Ey	3.19 m	10.47 ft	
<b>Mechanical Systems</b>			
Auxillary Power	Yanmar 3GM30 (30hp)		
Transmission	ZF15MIV V-drive w/ Aquadrive CV15		
Propeller	Gori folding two blade racing		
Watermaker	Spectra		
Stove/Oven	Taylor Kerosene (2) Burner Stove w/ Oven		
<b>Electrical Systems</b>			
Electrical Controller System	BEP Marine Czone distributed Bus system		
Ship Service Batteries	(2) Mastervolt x 12 volt / 320 AH Lithium Ion		
Engine Start Battery	(1) Optima Blue Top D34M 12 volt / 55 AH		
Alternator	Balmar 9504 - 12 volt / 210 amp		
Battery Charger	Mastervolt 12 volt / 100amp		
Engine Start Battery Charger	Duocharge battery charger		
Inverter	Mastervolt 12 / 2000 120 vac		
<b>Plumbing Systems</b>			
Fuel Capacity	117 l	31 gal	
Water Capacity	200 l	53 gal	
Holding Tank Capacity	34 l	9 gal	
Head	Blake Baby Model		
Watermaker	Spectra		
<b>Electronics</b>			
Sailing Instruments	B&G H2000 w/ Wind, Boatspeed, Depth, Heading, Water Temp		
Chart Plotters	B&G Zues (2) A-12 Chart Plotters (2)		
Radar	B&G Broadband BR24 Radar		
GPS	B&G ZS50 GPS		
Laptop w/ Expedition	Panasonic Toughbook 52		
Tablet	Panasonic ruggedized tablet computer		
AIS	Simrad NAIS-300 AIS		
VHF	ICOM 504		
NMEA2000-USB Converter	Actisense		
Ships Clock & Barometer	Chelsea		