

# ALPHA

## Sailboat Specifications

<b>Hull Type:</b>	Fin with rudder on skeg
<b>Rigging Type:</b>	Masthead Sloop
<b>LOA:</b>	31.66 ft / 9.65 m
<b>LOD:</b>	
<b>LWL:</b>	23.95 ft / 7.30 m
<b>S.A. (reported):</b>	397.62 ft <sup>2</sup> / 36.94 m <sup>2</sup>
<b>Beam:</b>	9.84 ft / 3.00 m
<b>Beam WL:</b>	
<b>Displacement:</b>	8,157.10 lb / 3,700 kg
<b>Ballast:</b>	3,086.47 lb / 1,400 kg
<b>Max Draft:</b>	4.92 ft / 1.50 m
<b>Construction:</b>	GRP
<b>First Built:</b>	1971
<b>Last Built:</b>	1988
<b># Built:</b>	77
<b>Builder:</b>	Esslinger & Abt Yachtwerft
<b>Designer:</b>	E. G. Van de Stadt

## Auxiliary Power/Tanks (orig. equip.)

<b>Make:</b>	Volvo Penta
<b>Type:</b>	Diesel
<b>HP:</b>	16
<b>Fuel:</b>	13 gals / 50 L

## Accomodations

<b>Water:</b>	48 gals / 180 L
---------------	-----------------

## Sailboat Calculations

<b>S.A. / Displ.:</b>	15.75
<b>Bal. / Displ.:</b>	37.84
<b>Disp: / Len:</b>	265.08
<b>Comfort Ratio:</b>	22.83
<b>Capsize Screening Formula:</b>	1.96
<b>S#:</b>	
<b>Hull Speed:</b>	6.56 kn
<b>Pounds/Inch Immersion:</b>	842.07 pounds/inch

## Sailboat Organizations

<b>Designer:</b>	E. G. Van de Stadt
<b>Builders:</b>	Esslinger & Abt Yachtwerft

## Additional Notes

Optional deep keel: draft - 1.75 m / 5.75 ft

Sail area:

-Main (standard): 16.39 m<sup>2</sup> / 176.42 ft<sup>2</sup>

-Genoa: 35.8 m<sup>2</sup> / 385.35 ft<sup>2</sup>

-#1 Jib: 28 m<sup>2</sup> / 301.39 ft<sup>2</sup>

-#2 Jib (standard): 20.55 m<sup>2</sup> / 221.2 ft<sup>2</sup>

-Storm: 10.53 m<sup>2</sup> / 113.34 ft<sup>2</sup>

-Spinnaker: 77 m<sup>2</sup> / 828.82 ft<sup>2</sup>