

1D 35

Sailboat Specifications

Hull Type:	Fin w/bulb & spade rudder		Rigging Type:	Fractional Sloop	
LOA:	35.00 ft / 10.67 m		LWL:	31.50 ft / 9.60 m	
Beam:	10.75 ft / 3.28 m		S.A. (reported):	678.00 ft ² / 62.99 m ²	
Draft (max):			7.58 ft / 2.31 m		
Displacement:	6,550 lb / 2,971 kg		Ballast:	2,525 lb / 1,145 kg	
S.A./Disp.:	31.08	Bal./Disp.:	38.55	Disp./Len.:	93.55
Ballast Type:			Lead		
First Built:	1998	Last Built:	2001	# Built:	48
Builder:			Carroll Marine Ltd.(USA)		
Designer:			Nelson/Marek		

Auxiliary Power/Tanks (orig. equip.)

Make:	Yanmar	Model:	2GM20FC
Type:	Diesel	HP:	18.5
Fuel:		12 gals / 45 L	

Sailboat Calculations

S.A./Disp.:	31.08
Bal./Disp.:	38.55
Disp./Len.:	93.55
Comfort Ratio:	13.15
Capsize Screening Formula:	2.30
S#:	6.51

Rig and Sail Particulars

I:	42.30 ft / 12.89 m	J:	12.50 ft / 3.81 m
P:	44.45 ft / 13.55 m	E:	18.57 ft / 5.66 m
SPL/TPS:	14.76 ft / 4.50 m	ISP:	44.62 ft / 13.60 m
S.A. Fore:	264.38 ft ² / 24.56 m ²	S.A. Main:	412.72 ft ² / 38.34 m ²
S.A. Total (100% Fore + Main Triangles)	677.09 ft ² / 62.90 m ²		
S.A./Disp. (calc.):	31.04	Est. Forestay Len.:	44.11 ft / 13.44 m

Sailboat Accommodations

Water:	42 gals / 159 L
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Sailboat Organizations

Designers:	Nelson Marek
Builders:	Carroll Marine

Additional Notes

ONE-DESIGN 35.

Carbon mast with twin, swept-back spreaders.

As originally delivered for one-design racing, the 1D 35 has no backstay(s). (at hounds or topmast).

Rig tension is controlled under way with an hydraulically adjustable fore stay.

Dimensions shown here from a sample IRC cert.