

PETERSON 30 1/2 TON

Sailboat Specifications

Hull Type:	Fin w/spade rudder
Rigging Type:	Masthead Sloop
LOA:	30.00 ft / 9.14 m
LWL:	23.00 ft / 7.01 m
S.A. (reported):	349.00 ft ² / 32.42 m ²
Beam:	10.18 ft / 3.10 m
Displacement:	7,800.00 lb / 3,538 kg
Max Draft:	5.50 ft / 1.68 m
Construction:	FG
First Built:	1977
Designer:	Doug Peterson

Sailboat Calculations

S.A. / Displ.:	14.24
Disp. / Len:	286.20
Comfort Ratio:	21.84
Capsize Screening Formula:	2.06
S#:	1.78
Hull Speed:	6.43 kn
Pounds/Inch Immersion:	836.61 pounds/inch

Rig and Sail Particulars

I:	38.30 ft / 11.67 m
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J:	12.20 ft / 3.72 m
P:	34.30 ft / 10.45 m
E:	9.30 ft / 2.83 m
S.A. Fore:	233.63 ft ² / 21.70 m ²
S.A. Main:	159.50 ft ² / 14.82 m ²
S.A. Total (100% Fore + Main Triangles):	393.13 ft ² / 36.52 m ²
S.A./Displ. (calc.):	16.04
Est. Forestay Length:	40.20 ft / 12.25 m

Sailboat Organizations

Designer:	Doug Peterson
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