

FIDELITY

42' Cruising Cutter – design no. 80-420

This design was submitted to and selected the winner of the 'CRUISING WORLD' design competition for 1980 and is also featured in Cruising Sailboat Kinetics by Danny Greene.

Construction Material

Plans are supplied for construction in either fiberglass (Sandwich construction) or multi-chine (double) steel. The following particulars are listed for both fiberglass and steel (if different) and while there is a difference between the two, the concept, serviceability, and performance of this design built in these materials will be comparable.

PARTICULARS

	Fiberglass	Steel
Length overall	42'-2"	42'-8"
Length L.W. L	34'-2"	34'-6"
Beam	13'-0"	13'-6"
Draft (standard).....	6'-0"	
(optional)	5'-0"	
Freeboard - For'd	5'-6"	
Aft.....	4'-2"	
Minimum	3'-11"	
Displacement @ L.W.L.	25,800 lbs	30,600 lbs
Ballast (lead)	10,000 Lbs.	11,000 Lbs.
Sail Area (standard).....	809 sqft	
(optional).....	860 sqft	
Power (min. recommended).....	35 s.h.p.	40 s.h.p.
Fuel-Imp. Gal.	120 (545 L)	
Water Imp. Gal.....	150 (680 L)	
Pounds per inch immersion	1400	
Sail Area/Disp. Ratio	15	13.2
Disp./Length Ratio.....	295	330
Wetted Surface Area.....	411 ft ²	425 ft ²
SA/WS Ratio	1.97	1.90
Prismatic Coeff.(Ciinoe Body).....	0.54	0.55
(Total w/App.).....	0.50	0.51
Moment to Change Trim 1"	2387 ft.lbs	2284 ft.lbs

for additional details contact:

J. Simpson Ltd.
4876 59th St.
Delta, B.C.
Canada V4K 4L7