

Sea Angler Notes

SEA ANGLER SPEED CHART

The speeds listed below are approximate and not guaranteed. They are based on the listed displacement and may vary if displacement (weight) varies. All speeds assume well-faired hulls driving through properly sized propellers with suitable gearing to match the power and torque curves of the engine in question. All speeds are in knots per hour. To convert to miles per hour, divide by .87. Horsepower is given as constant 24-hour rated SHAFT HORSEPOWER (SHP); NOT brake horsepower (BHP), nor intermittent ratings. If only BHP is known, multiply this figure by .70 for approximate constant SHP. Figures assume S.A.E. methods. If ratings given in D.I.N., these will be about 8% less than S.A.E. If ratings given in KW, this will give ratings about 75% of BHP (S.A.E.) ratings. In all cases, it makes no difference if the engine is diesel or gasoline powered.

35'3" x 30' x 18,000 lbs.

30 shp	7 knots
54 shp	8 knots
86 shp	9.5 knots
117 shp	11 knots
152 shp	13.5 knots (*)
183 shp	16 knots (*)
245 shp	19 knots
320 shp	22 knots
405 shp	24.5 knots
500 shp	27.5 knots

Note: Speeds up to 11 knots are displacement speeds; most economical.

(*) Recommended speed beyond displacement for optimum economy. Speed beyond 16 knots will use much more fuel.

PPI (pounds per inch immersion) = 1455

