

Andante Notes

Power and Performance

The calculated speeds listed are approximate and considered accurate on the listed displacement. Changes in displacement (or weight) will modify the figures and will not give the speeds listed. All speeds listed are in knots per hour. To convert to miles per hour, divide by .87. Note that the horsepower is given as SHAFT HORSEPOWER (SHP). Since most motors are listed at BRAKE HORSEPOWER (BHP), it will be necessary to reduce the BHP to SHP. A reliable factor to multiply the BHP by is .70 to determine the SHP. All speeds assume that the proper gear ratio and propeller size is used. For twin engines, divide the SHP figure by two in order to determine horsepower required for each engine.

SPEED/POWER CHART

Displacement = 29,200 lbs.

8.1 KNOTS	63 SHP
8.4 KNOTS	73 SHP
9 KNOTS	94 SHP
9.5 KNOTS	115 SHP
10.2* KNOTS	140 SHP

*Maximum hull speed

Prismatic coefficient: 64.8%

Pounds per inch of immersion (ppi): 1735 lbs. will sink the hull an additional 1".