

Bolero Notes

BOLERO 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.

24'5" x 20'0" x 3989 lbs.

36 shp	13 knots
48 shp	15.5 knots
62 shp	18 knots
80 shp	20 knots
100 shp	22 knots
140 shp	27 knots
190 shp	31 knots
250 shp	36 knots
320 shp	40 knots
390 shp	45 knots

Prismatic coefficient: 74%

Pounds per inch of immersion (ppi): 551.5 lbs. will sink the hull an additional 1".