

Gypsy Notes

GYPSY 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.

20' 1" x 17' x 3250 lbs.

Critical hull speed	6.5 knots @ 10 shp
29 shp	12.5 knots
38 shp	15 knots
48 shp	17 knots
60 shp	19 knots
75 shp	21 knots
100 shp	25 knots
150 shp	29 knots
190 shp	34 knots

PPI (pounds per inch immersion): Each 526 lbs will sink the hull 1 inch.