

Eagle Notes

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.

6 knots	10 SHP
7 knots	12 SHP
8 knots	16 SHP
9 knots	21 SHP
11 knots	27 SHP
13 knots	32 SHP
15 knots	43 SHP
18 knots	56 SHP
20 knots	70 SHP
22 knots	88 SHP
25 knots	105 SHP
27 knots	125 SHP

