

Bandido Notes

Bandido Speed/Power Chart

The following lists estimated speeds possible for given horsepowers at differing displacements (weights). These speeds are estimates and will vary considerably with the drag and efficiency of the drive system used, propeller diameter, pitch, and gear ratio. Use these figures as a rough guide to select the power system.

DISPLACEMENT KEY: Displacement figures, and thus power/speed figures can vary substantially. The "C" figure of 5350 lbs. is displacement at the designed waterline.

- "A" = 4000 lbs. (high tech fiberglass)
- "B" = 4700 lbs. (high tech fiberglass)
- "C" = 5350 lbs. (wood)
- "D" = 6000 lbs. (conventional core fiberglass)
- "E" = 6750 lbs. (C-Flex fiberglass)

SHAFT HORSEPOWER REQ/DISPLACEMENT VERSION

"A"	"B"	"C"	"D"	"E"	SPEED/KNOTS
350	420	480	535	600	50 (*)
290	340	385	435	480	45
215	270	310	340	385	40
165	205	230	265	290	35
130	150	170	200	215	30

95	115	130	140	160	25
65	75	85	90	105	20 (**)

(*) Speeds above this point are considered competition use.

(**) Minimum power advised for any use.

All speeds are listed in KNOTS PER HOUR. To convert to miles per hour, divide by .87.

Horsepower is listed in SHAFT HORSEPOWER (SHP). Since motors are usually rated in BRAKE HORSEPOWER (BHP), it will be necessary to reduce BHP to SHP. Multiply the BHP by .75 in order to determine the approximate SHP.