

Boat Speed Predictions

Weight	Total Shaft Horsepower	Constant	Speed
6800	500	250	68

Constants:

Heavy V Bottom	Low Side Drive, cabin, side by side engines	225
Fast V Bottoms	High Drives, boxes, notched transom, good bottom	250
Catamaran	Pleasure Type Cat	275
Fast Catamaran	Late Skater full race, etc.	300+

Why we use a speed calculator: Using a speed calculator for High Performance watercraft allows for consistency of rating.

You're right! At times the speed may not be exactly accurate, however consistency of rating is more important for rate integrity and for making rates over a long period of time, which is why we are using 1 speed calculator; and this is it! This is the same calculator found on the BAM web-site. No, we are not using prop slippage.

***Weight:* You need to use the manufacturers weight with engines and drives. If you are using a website for weights and they are listed without engines you may add 750 lbs. per engine and drives. You may also add 300 lbs. for a person and fuel.**

***Shaft Horsepower* is as listed by manufacturer. As an example, a Mercury HP500 EFI is rated at 470 shaft horsepower. If you have two of these your shaft horsepower is 940.**

The *constant* should speak for itself as listed above. Skater and Eliminator Cats should both use 300 as a constant.

The MINIMUM SPEED RATING USED FOR CATAMARANS IN THE HIGH PERFORMANCE PROGRAM IS 85 MPH. NO EXCEPTIONS!!!