

## Thruster selection

Choosing the right thruster for your boat is not easy. Many factors play a role when making a selection. Not only the length and height of the boat are important, but also the type of boat. A light displacement boat requires less force to manoeuvre than a heavy displacement boat and then there is the weather to take into account.

When the wind speed is twice as much, the wind force acting on the boat is four times as high. So when you always sail with your boat in perfect weather you can choose a smaller thruster, but when you want to be able to control your boat under all weather conditions you need to install a more powerful thruster.



We have made a thruster selection guide to give you an idea of the thruster suitable for your boat. Your dealer will assist you in selecting the correct thruster.

Follow the steps below to find your Craftsman Marine thruster:

<b>Step 1.</b>	<b>Select your type of boat. In the graph are three boat types: light displacement, medium displacement and heavy displacement. Rotate the graph so that your boat type is facing upward.</b>
<b>Step 2.</b>	<b>Select the length of your boat.</b>
<b>Step 3.</b>	<b>Choose under what wind conditions you want to be able to manoeuvre the boat. You can choose between 4bft, 5bft or 6bft (bft = beaufort).</b>

As you will see, the type of bowthruster can vary by as much as three types depending on the chosen weather conditions. Take into consideration that most of the times manoeuvring will be in a sheltered harbor. Manoeuvring with the wind on the bow will also require less force than wind from the side, so choose your berth carefully. For installation of the biggest thruster possible you not only require batteries with a higher capacity but also thicker cables and bigger fuses.

