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ALL MARINE SOLUTIONS

NEWSLETTER 1404



Choosing a Bow Thruster

In today's boating world, precision and reliable boat manoeuvring is a commonly sought after feature. This is where a bow thruster, or a combination of bow and stern thruster comes in.

In general, there are 3 main external factors that determines the size of a thruster. They are the influence of the wind, the turning moment of the boat and the thrust force generated by the thruster. Note that the power specification of a thruster is irrelevant to its capability. It is the thrust force that matters, not the amount of power the motor uses.

Other technical factors that influence the type of thruster suitable for a vessel include the type of power available, hull space, hull depth and so on.

There are many brands to choose from these days and often, going for the lowest cost option can be a risk. The logical selection process is to pick a brand that is reliable, proven, technically well supported and its spare parts are readily available.

Vetus is one of the few brands that meets these criteria in Australia. As a manufacturer which has an office in Brisbane, Vetus has demonstrated its capability to provide quality service to the local market well.

Some of the advantages of the Vetus thruster includes;



- A single propeller that creates less flow disturbance in the tunnel,
- The unique propeller blade design which minimises cavitation and noise,
- Spiral gears which minimise transmission noise,
- The use of a flexible coupling between tail piece and motor that eliminates vibration,
- Streamline tail piece to optimise flow,
- A strong composite propeller which eliminates corrosion and reduce weight.

From now to June 2014, **All Marine Solutions** would like to offer the Vetus bow and/or stern thruster at promotional prices. Call **07 5665 8166** or email info@allmarinesolutions.com.au to find out more or to request for a no obligation quotation.