

VEEM HC Series propellers

VEEM's R&D team have been at the leading edge of high speed propeller design for more than a decade.

Whilst there are many conventional semi-cavitating and super-cavitating designs in the market, the tools suitable for rapid testing iteration of super-cavitating propellers have only been available for the last few years. VEEM have used the latest in CFD technology to develop a hybrid semi/super cavitating propeller series called the HC series, or High Camber series. This series of custom designed propellers will suit any high speed application including Sportfishers, Sport Yachts, Military Vessels and Commercial Vessels. This new design also provides the lower speed benefits of more conventional propeller sections, whilst cleverly incorporating highly efficient super-cavitating sections in critical blade regions, of the propeller where propulsion efficiency normally drops away at high speed.

This development has extended the "speed barrier" for efficient use of submerged propellers into and beyond the 50 knot mark, where conventional propellers either suffer from thrust breakdown or deliver high speed performance but suffer from poor low and cruise speed efficiency.

VEEM's new HC series propellers have already been tested extensively in the market by several prominent Sport Yacht and Sport Fishing brands. Seatrial results and feedback have exceeded initial design expectations, and there has also been very strong positive feedback regarding the secondary characteristics attributes such as of operational smoothness, fuel efficiency, manoeuvrability and acceleration.

Due to the success of this new design, VEEM plan to promote the HC propeller series to the high speed vessel and expand sales into the market extensively during 2014.

About VEEM Propellers:

VEEM Limited is an Australian manufacturer base in Perth, Western Australia that began manufacturing high performance propellers in 1956. Since the time we have come into business the company has delivered tens of thousands of propellers to meet the needs of a multitude of users in the leisure, high speed naval and work boat markets.

VEEM is among the market leaders in propeller technology worldwide. VEEM's patented revolutionary Interceptor Propeller™ allows changes to the pitch of the propeller at any time.

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