

STAINLESS STEEL THRUSTERS

WESMAR

Celebrating 40 Years

*BOW AND STERN THRUSTERS FOR
FIBERGLASS, ALUMINUM, STEEL AND
WOOD VESSELS OF ALL SIZES*



WESMAR GOES STAINLESS

WESMAR bow and stern thruster systems have gone stainless. The rugged, powerful all stainless steel design sets WESMAR apart from all other bow and stern thruster manufacturers. Polished stainless steel props are standard, and stainless steel seal and bearing carriers sync with WESMAR's stainless steel casting. The design meets WESMAR's focus on low maintenance, more thrust per input horsepower, easier retrofit and upgrades, more precise control, and extremely rugged and reliable operation.

BUILT FOR TOUGH SEA CONDITIONS

All WESMAR products are built for the toughest of sea conditions. WESMAR's forty years of experience in design of rugged underwater equipment for expensive yachts and for commercial fishing vessels, many working the midwinter Arctic and Antarctic waters, have gone into designing this new line of all stainless steel bow and stern thrusters.



COUNTER ROTATING DUAL PROPELLER OR SINGLE PROPELLER

Most WESMAR thruster models can be provided in either single or dual propeller configurations. WESMAR's counter rotating propeller design was developed by WESMAR to provide up to 40% more thrust with the same tunnel size and with the same input power. Most builders and after-market bow and stern thruster users select dual propeller thrusters as the best value equipment on the market.

The counter rotating dual prop design is WESMAR's invention, since copied by several companies. Do not accept a knock off design for your vessel.

THRUSTER TUNNELS

WESMAR offers fiberglass tunnels in the appropriate thickness for the thruster size. We strongly recommend that builders and after market installers not skimp on tunnel design.

Steel and aluminum tunnels can be provided to match hull material specifications.



WESMAR HEAVY-DUTY STAINLESS STEEL THRUSTERS WITH POLISHED KAPLAN PROPS – THE VERY BEST

SADDLE THRUSTERS FOR FIBERGLASS AND WOOD VESSELS UP TO 150 HP

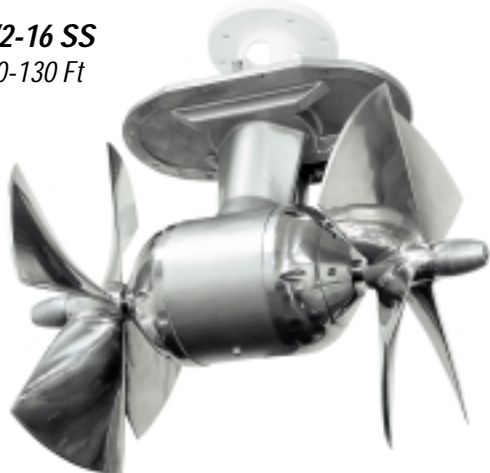
V2-8 SS
30-48 Ft



V2-12 SS
45-70 Ft



V2-16 SS
60-130 Ft



V2-18 SS
70-150 Ft



V2-20 SS
90-165 Ft



Non-SADDLE THRUSTERS FOR FIBERGLASS AND WOOD VESSELS

V2-8 FB
23-40 Ft



V2-12 FB
45-70 Ft



TWO TIMES THE STRENGTH

WESMAR's four bolt mounting system provides more than twice the structural integrity and safety to your vessel than the two bolt systems on inexpensive competitive units.

WHY WESMAR'S SADDLE MOUNTING DESIGN FOR FIBERGLASS HULLS:

1. The high torque thruster load is spread over a large tunnel area.
2. The larger dual gasket area reduces thruster noise and vibration into the hull.
3. This design meets Lloyds and other rating bureau standards.
4. Thrusters can be quickly and easily removed for service without expensive tunnel or hull work.



YOU WILL PROSPER WITH WESMAR...

Boat owners should ask themselves this question: Would you prefer a new or used vessel non-stabilized with light duty plastic prop thrusters or a fully WESMAR stabilized vessel with heavy-duty long life stainless steel thrusters? The answer is clear. The WESMAR equipment will cost a little more, but your boat will likely bring a lot more at resale.

Non-SADDLE THRUSTERS FOR ALUMINUM AND STEEL VESSELS

V2-16 NSS
60-130 Ft



V2-18 NSS
70-150 Ft



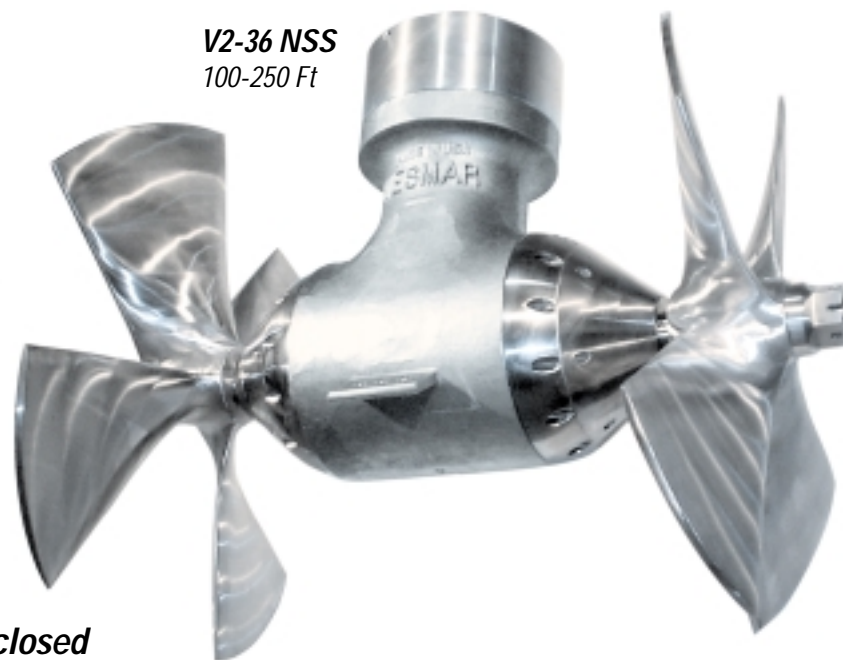
V2-20 NSS
80-160 Ft



V2-26 NSS
90-180Ft



V2-36 NSS
100-250 Ft



WELD IN TUNNEL ADAPTERS

1. WESMAR weld in tunnel adapters are provided in either aluminum or steel and will adapt to any tunnel size.
2. This design meets Lloyds and other rating standards.

For thruster recommendations fill out the enclosed specification sheet or contact your WESMAR representative at 425-481-2296 or bsentz@wesmar.com.

THRUSTER DRIVE OPTIONS

DIRECT DRIVE DC ELECTRONIC

(6 to 12 inch Thrusters) Two motor sizes with standard solenoid switch on/off control.

Model – V2-8
5hp @ 325 amps – 12 VDC



Model – V2-10/12
13.5 hp @ 400 amps – 24 VDC



PROPORTIONAL DRIVE DC ELECTRONIC

(6 to 12 inch Thruster)
WESMAR's proportional DC electric thrusters provide the advantages of continuous operation and proportional control available in hydraulic systems. This allows the operator to apply the appropriate thrust for the docking operation without the worry of thermal shut down of conventional DC systems.

5 to 13 HP
24 to 48V DC



23 HP
48 V DC



AC ELECTRIC

WESMAR provided AC Electric thruster drives from 25 to 350 HP using reversable motors, frequency drives and up to 5 fully proportional control stations.



HYDRAULIC DRIVES

WESMAR hydraulic systems are the result of years of experience utilizing load sense pumps, piston motors, proportional control valves, high and low pressure filtering various sensing devices and a variety of tanks to fit vessels space requirements.

Hydraulic
5-350 HP



CENTRAL HYDRAULICS

Thrusters are the largest hydraulic consumer in a vessel, thus the system can be easily expanded by adding the value stack to control stabilizers, cranes, windlasses and other hydraulic devices. The WESMAR Central Hydraulic system is a product of design elegance that we are proud of.



**A Powerful And
Reliable Solution**

BOW AND STERN THRUSTER CONTROLS

Up to 6 control stations can be provided in either on/off or proportional control.

Electronic or Hydraulic On/Off



AC, DC Hydraulic



STANDARDIZE ON WESMAR

*Electronic Gyro
Controlled
Stabilizers 2.5 to
30 Square Feet*



*Stainless Steel
Windless 3500 to
4500 Hydraulic
or 240 DC*



*Navigation and 360° Search Sonar
for Vessels of All Sizes*



WORLDWIDE SALES AND SERVICE

OVER 350 TRAINED SERVICE PERSONNEL WORLDWIDE

Every year, WESMAR invites dealers from around the world to participate in a hands-on workshop. These seminars help to keep dealers current on the latest installation, trouble-shooting, and custom application techniques for WESMAR's line of single and counter rotating dual prop bow thrusters and electronic gyro roll fin stabilizers.



WESMAR

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PRODUCT WARRANTY

Commercial warranty and consumer limited warranty, disclaimer, and remedies. Seller warrants title, materials, and workmanship or equipment, except components manufactured by others for which seller assigns, as permitted, the original manufacturer's warranty. Seller's warranty period for all applicable express or implied warranties shall be one (1) year after date of shipment to the original buyer, or ninety (90) days after installation if the installation does not occur within one (1) year after date of shipment to the original buyer.

Nonconforming equipment reported to seller during the applicable warranty period and returned to seller at buyer's expense and risk shall be repaired or replaced at seller's option. If seller is unable or unwilling to repair or replace such reported and returned nonconforming equipment within a reasonable time, then buyer shall be entitled to a refund of the purchase price of the equipment as buyer's sole remedy. This paragraph sets forth buyer's exclusive remedies for nonconforming goods.

This limited warranty is in lieu of all other warranties, express or implied, including design, course of dealing, merchantability, and fitness for a particular purpose.

NOTE: LIMITATION OF SELLER'S LIABILITY: SELLER shall not be liable on any claim for loss of use, revenue, or profit, for injury, or for any other incidental or consequential damages, regardless of the basis for BUYER'S claim(s), including, but not limited to, the law of contract, warranty, or tort. In no case shall SELLER'S liability on any claim(s) exceed the amount paid to SELLER for the purchased goods.