

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

BOW THRUSTER

Marine Bow Thruster

Bow thrusters are type of propellers, which are smaller in size and which help in better maneuverability of the ships at lower speeds. They are generally used for maneuvering the vessel near the coastal waters or while e...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Bow Thruster
Standard	EN
Material	Cu
Weight / Size	Bow thrusters are type of propellers, which are smaller in size and whic...
Certificate	CCS.ABS,BV,DNV,LR etc.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Bow Thruster	Model / SKU	Marine-Bow-Thruster
Standard	EN	Material	Cu
Weight / Size	Bow thrusters are type of propellers, which are smaller in size and which help in better maneuverability of the ships at lower speeds.	Surface	Tooth surface is hardened.
Certificate	CCS.ABS,BV,DNV,LR etc.	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China Marine Bow Thruster: Advantages
- Product list

China Marine Bow Thruster:

Bow thrusters are type of propellers, which are smaller in size and which help in better maneuverability of the ships at lower speeds. They are generally used for maneuvering the vessel near the coastal waters or while entering or leaving a port. Bow thrusters help in assisting tug boats in berthing the ship without wasting time. This saves a lot of money for the shipping company because of lesser stay of the ships in the ports. Moreover, presence of bow thrusters on a vessel eradicates the need of two tugs while leaving and entering the port, and thus saves more money.

Generally, bow thrusters are transverse thrusters placed at the forward and aft end of the ship. The thruster placed in the forward end is known as the bow thruster and the one placed in the aft is known as the stern thruster. The requirement for the number of thrusters to be installed depends on the length of the ship.

Advantages



Fixed and controllable-pitch propellers available.

Combinable with diesel, hydraulic or electric drive.

Product list

No.	Part Description	Material
1	Blade, Hub	Nickel-aluminum bronze. Meet classification rules.
2	Drive Shaft, Gear	High class alloy steel. Tooth surface is hardened. Meet classification rules.
3	Propeller Shaft	High class alloy steel. Meet classification rules.
4	Gear Box	Cast iron. Meet classification rules.
5	Tunnel	Class B steel plate. Meet classification rules.
6	Propeller Shaft Seal, O Ring	NBR
7	Hand pump,gravity tank,coupling	standard
Optional		

8	Motor brand	HengLi ,ABB,Siemens,Schneider
9	Frequency Inverter brand	Vacon, Danfoss,Siemens,Schneider
10	Central control box,control panel	Siemens electronic component