Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

AZIMUTH THRUSTERS

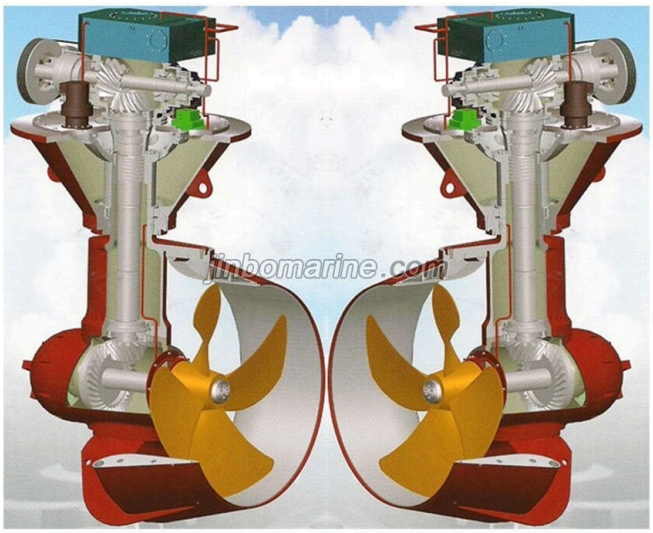
360 Degree Steering Azimuth Thrusters

ISO9001 Supplier

Class Certificate

Export Supply

Azimuth thruster installation:Deck installation,well installation and transorm installation.
Azimuth thruster deck installation drawing: A complete propulsion package .It is a reliable a...



Key Highlights

Category	Azimuth Thrusters
Standard	EN
Material	Cu
Certificate	ABS,BV,DNV,LR,GL,CCS etc.

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

Technical Specifications

Category	Azimuth Thrusters	Model / SKU	360-Degree-Steering-Azimuth-Thrusters
Standard	EN	Material	Cu
Certificate	ABS,BV,DNV,LR,GL,CCS etc.	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

China 360 Degree Steering Azimuth Thrusters:

Azimuth thruster installation:Deck installation,well installation and transorm installation.

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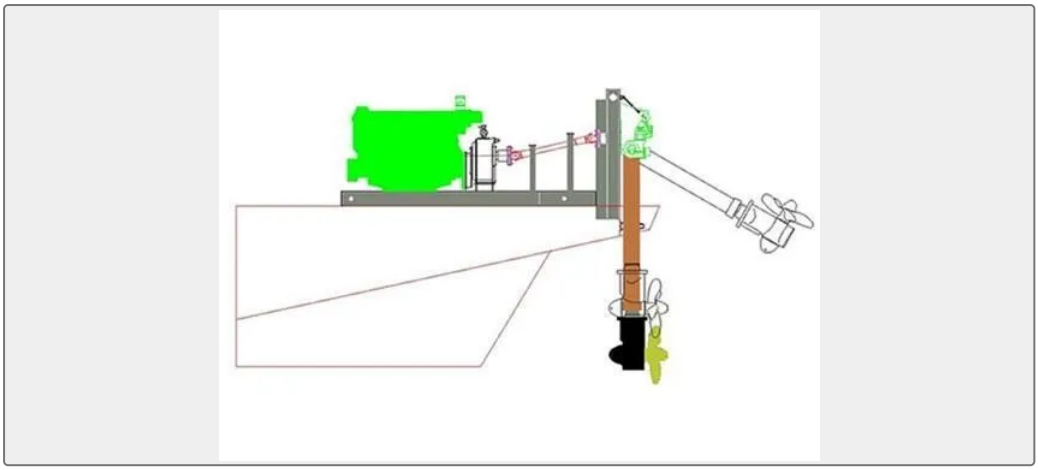
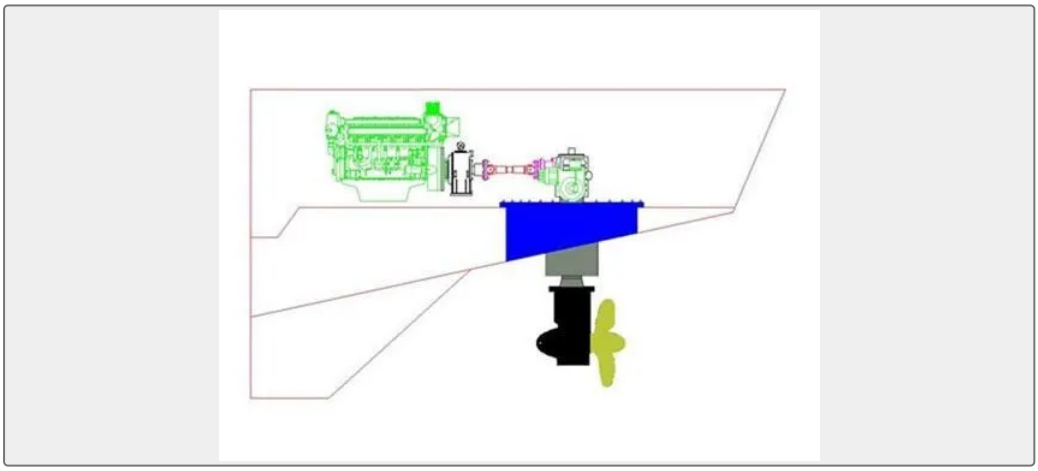


Azimuth thruster deck installation drawing:

A complete propulsion package .It is a reliable and compact propulsion plant. The chassis carries the totally enclose propulsion system. The power of the diesel engine is transmitted to the rudder propeller through an elastic coupling ,a hydraulic clutch and a universal shaft. The chassis is constructed with a hydraulic system, an electric control box, daily fuel tank and so on system units. Installation is fast and simple because they are essentially self con rained .Only to connect the minimum boses and cables can make it available to obtain thrust. The deck installation unit merely has to be mounted and bolted onto a foundation of deck. Rudder propeller is mounted at the rear chassis.

The rudder propeller can be mechanically or hydraulically raised or lowered in vertical direction by means of a depth adjustment facility .The serves to ensure maximum propeller thrust at all vessel draughts by maintaining the correct propeller immersion.

For maintenance purposes, the rudder thruster can be pivoted out of the water to the rear hydraulically or mechanically by hand.

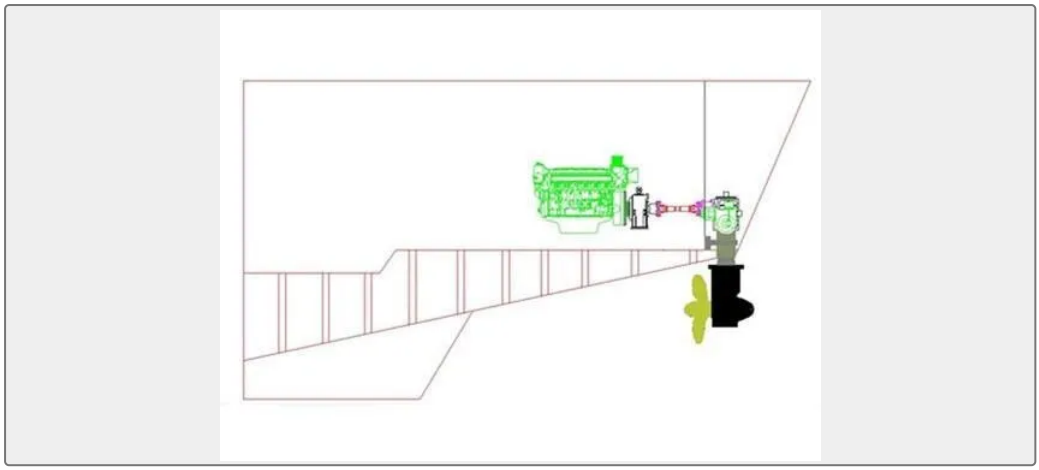


Azimuth thruster well installation drawing:

Especially for tugs, ferries, well station, floating dock and survey ships.

The rudder propeller is mounted in the well. The stem length varies with the requirement of the application. The top mounting plate of the well should ,if at all possible ,be above the waterline so that the rudder propeller can be installed and removed when the ship is floating.

Well installation varies with the distance between the rudder propeller and the diesel engine .When the engine room is very small ,the rudder propeller can be near to the diesel engine and suitable for application in long range transmission between diesel engine and rudder propeller.



Azimuth thrustert transorm installation drawing:

It is used for ships and vessels whose space of engine room are small, such as floating cranes ,passenger ships, inland and coasting vessels etc. A mounting plate with sealing is fixed on the plate. That is the upper of the rudder propeller is fixed on the pin axis ,and the lower is clamped on the pushing ring. When releasing the thrust bearing ,the propeller can easily be elevated backwards.Elastic suspension for special sound proofing is available for this mode of installation.