BOW THRUSTER

75KW Bow Thruster

Bow thruster is used for drag no self-propelled ship or boat etc. It make the ship entering and leaving port or pier easer. Tugboat have a small hull but equipped with high-powered propulsion,assist big vessels out of ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Bow Thruster
Standard	GB
Material	Main technical parameters Model of thrust device CTT060L-FP Rated power ...
Weight / Size	Main technical parameters Model of thrust device CTT060L-FP Rated power ...
Certificate	CCS,ABS,LR,BV,DNV etc.

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

Technical Specifications			
Category	Bow Thruster	**Model / SKU**	75KW-bow-thruster
Standard	GB	**Material**	Main technical parameters Model of thrust device CTT060L-FP Rated power 75 KW Nominal thrust force about 12 KN Reduction ratio of gear box 1.52 Diameter of propeller Φ650 mm Rotation speed of propeller 950 r/min Quantity of blades 4 Blade material Cu1 Internal diameter of cylinder Φ670 mm Wall thickness of cylinder 12 mm Supply scope Name Quantity Weight（about kg） Remark bow thruster 1 700 With gear box subassembly, propeller subassembly, standard barrel etc.
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Warranty	12 Months unless specified otherwise	**Origin**	China

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- Main technical parameters
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China 75KW Bow Thruster:

Bow thruster is used for drag no self-propelled ship or boat etc. It make the ship entering and leaving port or pier easer. Tugboat have a small hull but equipped with high-powered propulsion,assist big vessels out of port or pier,.

Bow thruster’s main function is to make the power and torque of the motor through the coupling and a pair of speed reducing circular arc bevel gears to the fixed propeller, control the rotation speed and direction of the variable-frequency motor through variable frequency speed regulation, and then make the propeller generate the thrust force towards the portside or the starboard. No matter the degree of thrust force can be adjusted or not, it can raise the mobility and maneuverability at ship navigation.

Main technical parameters

Model of thrust device	CTT060L-FP
Rated power	75 KW
Nominal thrust force	about 12 KN
Reduction ratio of gear box	1.52
Diameter of propeller	Φ650 mm
Rotation speed of propeller	950 r/min
Quantity of blades	4
Blade material	Cu1
Internal diameter of cylinder	Φ670 mm
Wall thickness of cylinder	12 mm

Supply scope

Name	Quantity	Weight (about kg)	Remark
bow thruster	1	700	With gear box subassembly, propeller subassembly, standard barrel etc.
Shaft coupling	1		
Gravity tank	1	10	
Marine vibrate frequency motor	1		
Variable frequency speed regulator ark	1		
Operation and alarm panel	1	1	

Warranty period and Technical service

1. The debugging acceptance bow thruster should be oil seal packed by the supplier before leave factory, and the supplier should ensure the oil seal and package warranty period should be 6 months after the product leave factory.

2.The supplier should ensure the performance, designing, manufacturing and material stated in this specification correct and has good quality, and should repair and exchange the rejected parts for free if the parts impact the performance and usage caused by the deficient manufacturing and bad material within 12 months after delivery vessel. (will be subject to first come)

3.After installed by the shipyard, the manufacturer should appoint personal to debug with the shipyard on ship.