

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

BOW THRUSTER

Controllable Pitch Propeller Bow Thruster

ISO9001 Supplier

Class Certificate

Export Supply

Controllable Pitch Bow Thruster has L Drive and Z Drive, manipulate the ship during the zero and low speed for dock.



Key Highlights

Category	Bow Thruster
Standard	EN
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	Controllable-pitch-propeller-bow-thruster
Standard	EN	Certificate	CCS,ABS,LR,BV,DNV etc.
Warranty	12 Months unless specified otherwise	Origin	China

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- China Controllable Pitch Propeller Bow Thruster:
 - Feature:
 - Specification:

China Controllable Pitch Propeller Bow Thruster:

CPP bow thruster have diesel engine drive type and electric motor drive type. It has vertical installation type and horizontal installation type.

It is designed based on the concept of reliability, durability, high efficiency, and easy maintenance.

The power can range from 200 KW to 2930 KW.



Diameter from 1100mm-2800mm.

Thrust force from 16KN-300KN.

Feature:

- 1.The propeller's diameter and speed combination is optimized,improved the propulsion efficiency.It can keep the same thrust force evenwe reduce its diameter .
- 2.The thruster adopt skew and large area ratio blade,with very low vibration.
- 3.These high strength gears and bearings via good lubrication and cooling treatment,improve the reliability of the machine.
- 4.It can satisfy the requirements of marine pollution prevention.
- 5.Compact structure and easy installation and maintenance.

Specification:

Controllable pitch propeller tunnel thruster parameters							
Model	CP-1000	CP-1100	CP-1300	CP-1650	CP-2000	CP-2400	CP-2800
Max input power	280	315/335	445/480	680/730	1050/900	1580/1720	2000/1910
Ratio	3.09	3.09	3.78	4.72	4.82	4.645	4.395
Max input speed	1450/1750	1450/1750	1450/1750	1450/1750	1450/1190	980/1190	980/880
Propeller speed	469.1/560	469/566	384/463	307/370	301/247	211/256	223/200
Propeller diameter	1000	1100	1300	1650	2000	2400	2800
Max thrust	43	46/47	66/67	97/105	155/144	239/242	298/297
Cylinder length	1045	1045	1190	1446	1680	1990	2280
Cylinder internal	1020	1120	1328	1680	2030	2430	2836