

BOW THRUSTER

CPP Bow Thruster

CPP bow thruster consists of tunnel thruster,drive motor,hydraulic unit with electric pump and control valve,drive motor starter with built-in load sensing device,xontrol panel,central control unit. We supply power from...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|             |                        |
|-------------|------------------------|
| Category    | Bow Thruster           |
| Standard    | EN                     |
| 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 | CPP-Bow-Thruster       |
| Standard | EN                                   | Certificate | CCS,ABS,BV,DNV,LR etc. |
| Warranty | 12 Months unless specified otherwise | Origin      | China                  |

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■ Specification:
- Advantages:

China CPP Bow Thruster:

CPP bow thruster consists of tunnel thruster,drive motor,hydraulic unit with electric pump and control valve,drive motor starter with built-in load sensing device,xontrol panel,central control unit.  
We supply power from 50KW---1000KW bow thruster. CPP bow thruster ,when power bigger than 600KW the cost will be less than FPP bow thruster.So CPP thruster is mainly apply on large vessels.

## Advantages:

- 1.The main engine can keep stated power at any sailing condition.
- 2.At part load by adjusting the host speed n. And pitch ratio H / D can obtain higher efficiency and lower fuel consumption oars, the ship under the high-speed economy, improve endurance.

## 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      |