

# Jinbo Marine

Marine &amp; Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE ELECTRIC MOTOR

## Y-H Series Three-phase Marine Motor

Y-H Series Three-phase Marine Motor Name Y-H Series Three-phase Marine Motor Power 0.12-600kw ...

ISO9001 Supplier

Class Certificate

Export Supply



### Key Highlights

Category	Marine Electric Motor
Standard	DIN
Material	cast iron
Weight / Size	Y-H Series Three-phase Marine Motor Name Y-H Series Three-phase Marine M...
Certificate	CCS

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

### Technical Specifications

Category	Marine Electric Motor	Model / SKU	Y-H-Series-Three-phase-Marine-Motor
Standard	DIN	Material	cast iron
Weight / Size	Y-H Series Three-phase Marine Motor Name Y-H Series Three-phase Marine Motor Power 0.12-600kw Voltage 380-440v(220-690V) Frequency 50-60hz Frame size 63-450 Insulation B-H Protection Class IP44-IP56 Usage Suitable for driving various machines on ships such as pumps, blowers, separators, hydraulic engines and other auxiliary equipment.	Surface	Nippon Kaiji Kyokai Construction Protection IP44 Frame, end shield and bearing cap All made of Grey cast iron HT(GB/T9437) and the outer surface of the frame is provided with longitudinal cooling ribs to increase cooling effects.
Certificate	CCS	Warranty	12 Months unless specified otherwise
Origin	China		



0.048997s

**CONTENTS**

- Y-H Series Three-phase Marine Motor
- Introduction
- Construction

## Y-H Series Three-phase Marine Motor

Name	Y-H Series Three-phase Marine Motor
Power	0.12-600kw
Voltage	380-440v(220-690V)
Frequency	50-60hz
Frame size	63-450
Insulation	B-H
Protection Class	IP44-IP56
Usage	Suitable for driving various machines on ships such as pumps, blowers, separators, hydraulic engines and other auxiliary equipment.

## Introduction

Y-H series are totally enclosed, fan cooled three phase marine motors of the squirrel-cagetype. The motors are suitable for driving various machines on ships such as pumps, blowers, separators, hydraulic engines and other auxiliary equipment.

Y-H series is a design variation of the brand new Y series developed recently and noted for its high efficiency and starting torque.

The motors are designed accordance with National Standard GB755 Rotating electrical machines rating and performance and the existing "Rules for the construction of sea-going steel ships".

The motors also comply with the relevant requirements of the following standards and specifications.

IEC60034 Rotating electrical machines

IEC60068 Basic environmental testing procedures

IEC60072 Dimensions and output ratings for rotating electrical machines

IEC 60092 Electrical installation in ships

The Motors are also in conformity with part of the specifications of the following ships classification societies.

LR: Lloyd's Register of Shipping

GL: Germanischer Lloyd

NK: Nippon Kaiji Kyokai



## Construction

Protection IP44

Frame, end shield and bearing cap

All made of Grey cast iron HT(GB/T9437) and the outer surface of the frame is provided with longitudinal cooling ribs to increase cooling effects.

Shaft extension

Standard motors have a cylindrical shaft extension. Motors of B3 and B35 with two shaft extensions are afforded on request, but the second shaft extension can only transmit rated output with direct coupling. The shaft is made of high grade steel No45(GB/T699).

Terminal Box

The terminal box is arranged at the "right hand side" when looking at the driving end. If the terminal box is to be arranged at the left-hand side. This fact must be specifically stated when placing the order.

Six terminal studs are provided in the terminal box and a connecting diagram is shown on the back of the cover. Terminal marking used are in full conformity with IEC publication 60034-8. Clearance between two neighboring conducting parts is made not less than 8mm and all creep ages not less than 12mm.

An extra terminal is provided inside the box for grounding purpose.