

## JM-H MARINE-USE MOTOR JM-H船用电机



## 概述

### GENERALIZATION

JM-H船用高效三相异步电动机是在IEC标准基础上，结合国家JB/T5273-2014标准和GB755-2008的标准自行设计的新一代船用产品，产品经国家船级局认可，产品符合ABS、LR、BV、DNV、GL，RINA等国际有关船级社的规范要求。

JM-H船用高效三相异步电动机采用防护等级IP55、F级绝缘，节能效果好、效率等级达到国际上的IE2标准和IE3标准，而且起动转矩大，噪音低、结构合理、外观美观，使用方便等特点。

JM-H船用高效三相异步电动机采用双接地标志(接线盒内和机座底脚)、电机出线螺套采用特殊设计的金属高强度镀络接头，彻底确保电机的电气安全。

JM-H船用高效三相异步电动机接线盒标准为顶出线，若需左、右出线可以在定单中说明；接线盒可以作90度四边旋转，方便用户不同需求的使用。

JM-H船用高效三相异步电动机的绕组和金属零件的表面均按照温热带电机的要求，经过特殊浸漆和处理。具有良好的防潮，防霉和防盐雾的各项性能。

JM-H船用高效三相异步电动机广泛适用于船舶上作为驱动泵类、通风机械、分离器，液压机械及其他辅助的设备。

JM-H系列电机的外形和安装尺寸与JM一致

JM-H series marine-use energy-saving three-phase asynchronous motors, is a new generation marine-use product, designed by ourselves based on IEC standard and combining Chinese standard JB/T5273-2014 and GB755-2008. It is approved by CCS and also in accordance with the requirement of international classification society such as ABS, LR, BV, DNV, GL, and RINA.

JM-H series motors, with IP55 protection degree, F class insulation, has good energy saving effect with IE2 and IE3 efficiency, high starting torque, low noise, reasonable structure, nice appearance, and is convenient to operate.

JM-H series motors has terminal box on top as standard, and side box is available on request. Terminal box can turn by 90° to meet users' different needs.

The winding and hardware of JM-H series motors has special tropical proof treatment and is good against moisture, mildew and salt spray.

JM-H series motors are widely used on ships to drive pump, ventilation system, separator, hydraulic equipment and other auxiliary equipment.

JM-H series motor has the same overall and mounting dimension as JM series.

## 使用条件 OPERATING CONDITIONS

环境空气温度:  $-25^{\circ}\text{C} \leq \theta \leq 45^{\circ}\text{C}$

海拔: 0米

电压: 220/380V 230/400V 230/460V

380/660V 400/690V

频率: 50HZ或60HZ

接法: 3KW及以下规格为Y接法, 4KW及以上规格为△接法

工作方法: 连续(S1)

冷却方式: IC411

空气相对湿度: 不大于95%

凝露: 有

盐雾: 有

油雾: 有

霉菌: 有

冲击: 有

振动: 有

摇摆:  $\pm 22.5^{\circ}$

倾斜:  $\pm 30^{\circ}$

Ambient Temperature:  $-25^{\circ}\text{C} \leq \theta \leq 45^{\circ}\text{C}$

Altitude: 0 meter

Rated Voltage: 220/380V, 230/400V, 230/460V,

380/660V, 400/690V

Rated frequency: 50HZ or 60HZ

Connection: Star for 3KW and below, Delta for 4KW and above

Duty Type: Continuous (S1)

Cooling Method: IC411

Relative Humidity: less than 95%

Condensation: Yes

Salt Spray: Yes

Oil Spray: Yes

Mildew: Yes

Impact: Yes

Vibration: Yes

Swing:  $\pm 22.5^{\circ}$

Slope:  $\pm 30^{\circ}$

## 代号说明 DESIGNATION

### 产品型号 MOTOR IDENTIFICATION SYMBOL

**JM - H 225 M-4**

极数  
NO. of poles

铁芯长度  
Core length

机座号(中心高)  
The central height of the frame

船用电机  
Marine-use motor

金龙铸铁电机代号  
Cast iron motor identification symbol of Jinlong

### 防护等级 PROTECTION DEGREE

**IP - 5 5**

防喷淋  
Splashproof

防尘  
Protecting against dust

国际防护表征字母  
International Protection Symbol

**IC 411**

全封闭自扇冷式  
Totally-enclosed fan-cooled type

国际冷却法  
International Cooling Symbol