

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	WUXI ORIGINAL MECHANICAL & ELECTRICAL CO., LTD
Address	No.8,Ludai Road,Yangshan Industrial Park, Huishan Economic Development Zone, Wuxi, 214156, China
Place of Production	WUXI ORIGINAL MECHANICAL & ELECTRICAL CO., LTD No.8,Ludai Road,Yangshan Industrial Park, Huishan Economic Development Zone, Wuxi, 214156, China
Type	Electric Motors
Description	OMT(X)-80~OMT(X)-355 series and OMD(X)-250~ OMD(X)-355 series of electric motors
Trade Name	OMT and OMD series
Application	Marine and offshore
Specified Standard	IEC60034-1: 2017, IACS URE13, Rev. 2
Ratings	OMT(X)-80~OMT(X)-355: Frame size range: H80-H355 Power range: 0.75~500KW Insulation class: F or H Voltage: 220~690V Frequency: 50/60Hz

12th Floor, Chong Hing Finance Centre, No. 288
Nanjing West Road, Shanghai, Huangpu District,
200003, China

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Lead Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

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Pole: 2/4/6/8P
Duty: S1 or S2
Speed range: 750~3600r/min
Ambient temperature: -15 °C~+50° C
Ingress protection: IP55 or IP56
OMD(X)-250~ OMD(X)-355:
Frame size range: H250-H355
Insulation class: F or H
Power range: 37~710KW
Voltage: 220~690V
Frequency: 50/60Hz
Pole: 2/4/6/8P
Duty: S1 or S2
Speed range: 750~3600r/min
Ambient temperature: -15 °C~+50° C
Ingress protection: IP23

Other Conditions

1. All machines of 100 kW and over, intended for essential services, are to be surveyed by the Surveyor during manufacture and test.
2. Shaft material for machines with power ratings less than 250 kW is to have a manufacturer's certificate as detailed in LR Rules for Materials.
3. Shaft materials for machines for essential services are to comply with the Rules for the Manufacture, Testing and Certification of Materials, and be manufactured under LR survey for the following applications:
 - Shaft material for dynamic positioning and electric propulsion motors.
 - Shaft material for main engine driven generators where the shaft is part of the propulsion shafting.
 - Shaft material for machines with power ratings of 250 kW or greater.

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR22142578TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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