



Marine & Offshore

Certificate number: 62240/A0 BV

File number: ACE4/895/1

Product code: 2584I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

WAT MOTOR SANAYI VE TICARET A.S.
TEKIRDAG - TURKEY

for the type of product

ASYNCHRONOUS MACHINES (Power 100kW and over)

Type: M2EPPA280M2D02

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships, Offshore Units, Naval Ships and Yachts.
IEC 60034-1 (2017)

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 26 Oct 2025

For Bureau Veritas Marine & Offshore,

At BV ISTANBUL, on 26 Oct 2020,

Gurcan Yilmaz



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

M2EPPA280M2D02 is a 3 phases squirrel cage asynchronous motor.

Specifications:

Motor type:	M2EPPA280M2D02
Degree of protection:	IP55
Number of poles:	2
Rated voltage:	380V
Frequency:	50Hz
Speed:	2975 rpm
Power:	110kW
Duty type:	S1
Insulation class:	F

2. DOCUMENTS AND DRAWINGS :

WAT MOTOR SANAYI VE TICARET A.S.:

Motor technical data sheet Rev.01 , dated 22 Jun 2020.

3. TEST REPORTS :

WAT MOTOR SANAYI VE TICARET A.S.:

Test reports, dated 29 Jun 2020.

Test report N° 029-2020, dated 30 Jun 2020.

Test report N° 20240, dated 03 Jul 2020.

TESTLA ELEKTRIK LABORATUVARLARI TIC. LTD. STI.:

Test report N° 2006.25.01/00, dated 08 Jul 2020.

4. APPLICATION / LIMITATION :

BV Rules for the Classification of Steel Ships, Offshore Units, Naval Ships and Yachts.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by **WAT MOTOR SANAYI VE TICARET A.S.** in compliance with the type and the requirements described in this certificate.

5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.

5.3 - BV product certificate is required.

5.4 - For information, **WAT MOTOR SANAYI VE TICARET A.S.** has declared to Bureau Veritas the following production site:

**WAT MOTOR SANAYI VE TICARET A.S.
KARAAGAC MAH.
8. SK. 4 A2
59510 KAPAKLI
TEKIRDAG
TURKEY**

6. MARKING OF PRODUCT :

- Name plate according to IEC 60034-1.

- Stamp @ on frame when BV Mode I Survey.

- Stamp \ on frame when individual inspection.

7. OTHERS :

It is **WAT MOTOR SANAYI VE TICARET A.S.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*** END OF CERTIFICATE ***