


[1] **EU - TYPE EXAMINATION CERTIFICATE**
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU Annex III, Module B

- [3] EU – Type Examination Certificate Number ACE25ATEX022X Rev00
- [4] Product Single phase asynchronous explosion protected motor Model YBB3241EA, YBB3341EA, YBB3441EA
- [5] Manufacturer Tianjin Sida Electric Motor Co.,Ltd.
- [6] Address No.5 Xinghua Road, Xiqing Economic Development Area, Tianjin 300385, China
- [7] This equipment or protective system and any acceptable variation there to are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive
The examination and test results are recorded in confidential Report nº. EX_EXD011_25_25-976
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This EU – Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:

 II 2G Ex db IIB T4 Gb

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Date: 09/07/2025



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] EU-Type Examination Certificate No: ACE25ATEX022X Rev00

[15] Description of equipment

The Single phase asynchronous explosion protected motor is with type of protection db. The flame proof enclosure is composed by front endshield, housing, middle shield, rear endshield and shaft of rotor. The rotor, stator, capacitors, thermal protection and connection wires are installed inside the flame proof enclosure. The metal fan and fan guard are provided. The cable entry is provided at front endshield. The cable is sealed by sealing compound.

Ambient temperature range: $-40^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$.

Electrical compartment: IP55

Nomenclature:

Type	YBB3241EA	YBB3341EA	YBB3441EA
Length of motor	299mm	307mm	334mm
Output power	550W	750W	1000W
Voltage	AC220~240V	AC220~240V	AC220~240V
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Current	4.20A	5.0A	6.45A
RPM	1440/1730	1440/1730	1440/1730

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE25ATEX022X Rev00

[16] Test documents are listed in the test report nº
EX_EXD011_25_25-976

[17] Special conditions for safe use
User must not repair or modify flameproof joints.

[18] Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
Assembly Drawing	0TC0004.0076-0078	A	2024.8.28
Front endshield	9TC0001.0013	A	2024.8.28
Middle endshield	9TC0002.0001	A	2024.8.28
Rear endshield	9TC0003.0015	A	2024.8.28
Housing	7TC0001.0034/0005/0013	A	2024.8.28
Rotor	5TC0004.0025-0027	A	2024.8.28
Nameplate	6TC0004.0177-0179	A	2024.8.28
Fan	9TC0005.0001	A	2024.8.28
Fan guard	7TC0002.0004	A	2024.8.28
Long rod bolt	8TC0002.0006/0009/0035	A	2024.8.28
Stator	5TC0003.0034~0036	A	2024.8.28
Material description of Encapsulating Glue	QMP802-02C-07	A	2024.8.28
Material description of Fan, Endshield	QMP802-02C-02	A	2024.8.28
Material description of Fan guard	QMP802-02C-03	A	2024.8.28
Material description of Housing	QMP802-02C-04	A	2024.8.28
Bearing Grease	QMP802-02C-05	A	2024.8.28
Hydrostatic Test Procedure	QMP802-GY-02-06	A	2024.8.28
User's manual	QMP802-SM-02	A	2024.8.28
IECEX test report	Report No: PCEC21601-23095208	00	2025.5.25

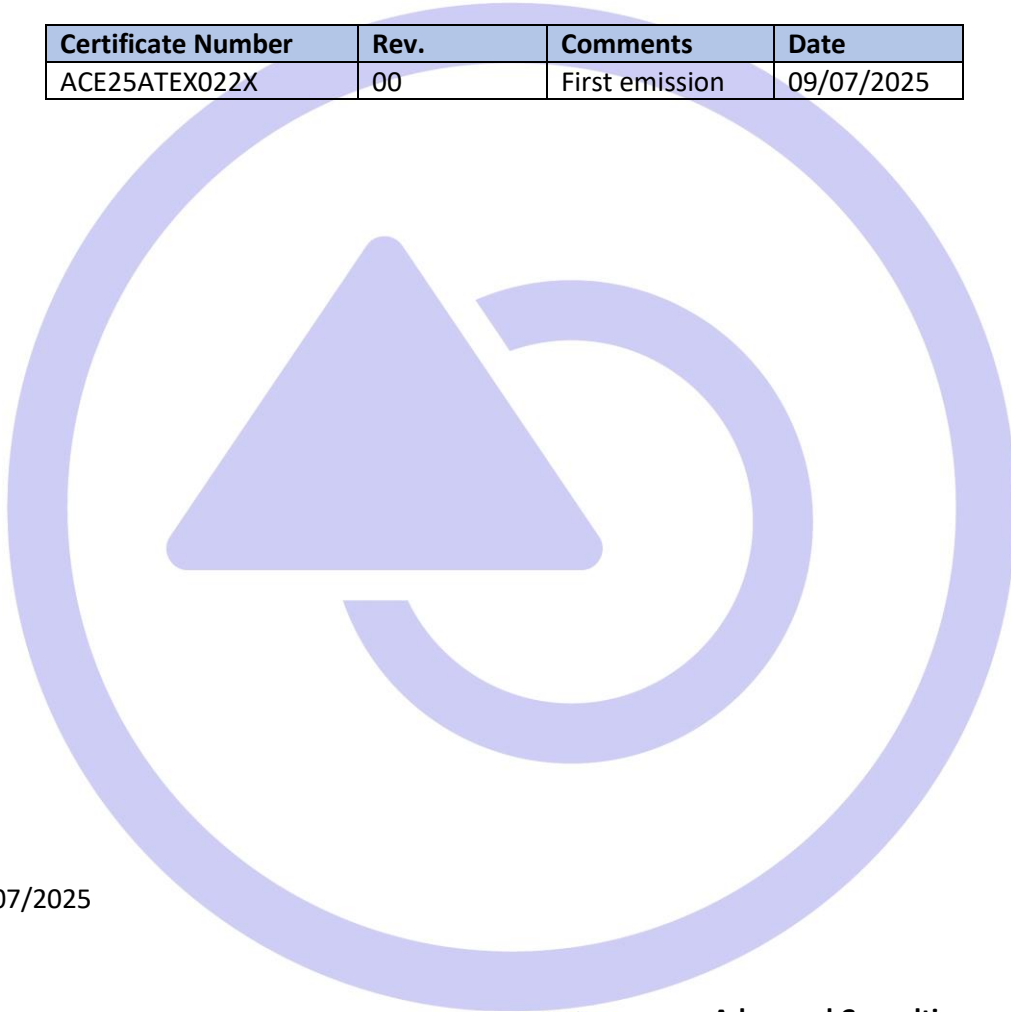
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	Lab: Supervision & Test Center of Ex-products of China Petroleum & Chemical Industry (PCEC)		
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The above-mentioned documents are strictly confidential and they are of only use of authorities.
A copy of the documents is saved by A.C.&E. Iberia S.L.

[20] Certificate History

Certificate Number	Rev.	Comments	Date
ACE25ATEX022X	00	First emission	09/07/2025



Date: 09/07/2025



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