



# Certificato di esame UE del tipo

*EU-type examination certificate*

**n. ECM 23 ATEX-B DO55**



Rilasciato ai sensi della direttiva 2014/34/UE – Allegato III - Modulo B  
*Issued according to 2014/34/EU Directive – Annex III - Module B*

**Richiedente**

**Applicant**

Ragione Sociale

Company Name

Indirizzo

Address

Taizhou Hanze International Trade Co., Ltd.

No.195, Zhuguang Road, Yanghong Village, Lubei Subdistrict, Luqiao District, Taizhou City, Zhejiang Province, China 318000

**Fabbricante**

**Manufacturer**

Shilin Technology Co., Ltd.

No.5 Wenzhuang Road, Yixing Economic and Technological Development Zone, Yixing, Wuxi, Jiangsu, China

Apparecchiatura

Equipment

Modelli

Models

Three Phase Asynchronous Electric Motor

*(see the following Annex I)*

Questa apparecchiatura o sistema di protezione e le sue eventuali varianti accettate sono descritte nel presente Certificato e nell'allegato dello stesso. This equipment or protective system and any acceptable variation thereto are described in this Certificate and its Annex.

L'ECM, Organismo Notificato n° 1282 in conformità all'art. 17 della Direttiva 2014/34/UE del Parlamento europeo e del Consiglio del 26 febbraio 2014, certifica che questa apparecchiatura o sistema di protezione verificata secondo la procedura di cui all'allegato III, Modulo B, è conforme ai requisiti essenziali di sicurezza e salute per il progetto e la costruzione di apparecchiature e sistemi di protezione destinati ad essere utilizzati in atmosfere potenzialmente esplosive, definiti nell'allegato II della Direttiva. ECM, Notified Body No. 1282 in accordance with Article. 17 of Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment or protective system was tested according to the procedure set out in Annex III, Module B, complies with the essential health and safety requirements for the project and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II of the Directive.

Le verifiche ed i risultati di prova sono registrati nel rapporto a carattere riservato n° PRD-2023-DO55. The examination and test results are recorded in confidential report no. PRD-2023-DO55.

I requisiti essenziali di sicurezza e salute sono assicurati dalla rispondenza alle **Norme applicate:** EN 1127-1:2019, EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014. The essential health and safety requirements are assured by compliance with applied **Standard:** EN 1127-1:2019, EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014.

Questo **Certificato di esame UE del tipo** è relativo soltanto al progetto, all'esame ed alle prove dell'apparecchiatura o sistema di protezione specificato in accordo con la Direttiva 2014/34/UE. Ulteriori requisiti di questa Direttiva si applicano al processo di produzione e fornitura dell'apparecchiatura o sistema di protezione: questi requisiti non sono oggetto del presente certificato. This **EU-type examination certificate** relates only to the design, examination and tests specified equipment in accordance with Directive 2014/34/EU. Further requirements of the Directive shall be applied to the manufacturing process and supply condition: these requirements are not covered by this certificate.

L'apparecchiatura o il sistema di protezione deve riportare i seguenti contrassegni:

*The equipment shall be marked with the following symbols:*



**I M2 Ex db IMb**

**II 2G Ex db IIB T4 Gb (T3, T5, T6 as optional)**

**II 2G Ex db IIC T4 Gb (T3, T5, T6 as optional)**

**II 2D Ex tb IIIC T85°C...T150°C Db IP65 (IP66 as optional)**

Valsamoggia (BO)

Data - Date 31/05/2023

Timbro

Scadenza - Expiry date 30/05/2028



Firma autorizzata

Authorized signature

Amanda Payne  
(Deputy Manager)

Questo certificato, incluso l'allegato, può essere riprodotto solo integralmente e senza alcuna variazione.

*This certificate, annex included, can only be reproduced in its entirety and without any change.*



# Allegato I / Annex I

al Certificato di esame UE del tipo  
to EU-type-examination certificate  
n. **ECM 23 ATEX-B DO55**



**Descrizione dell'apparecchiatura**  
**Equipment description**

**Three Phase Asynchronous Electric Motor**

No.	Model	Voltage	Power	Frequency (non-variable frequency)	Frequency (variable frequency)
1	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-63	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	0.12~0.55kW	50Hz, 60Hz, 70Hz	0~70Hz
2	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-71	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	0.18~1.1kW	50Hz, 60Hz, 70Hz	0~70Hz
3	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-80	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	0.18~2.2kW	50Hz, 60Hz, 70Hz	0~70Hz
4	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-90	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	0.37~3kW	50Hz, 60Hz, 70Hz	0~70Hz
5	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-100	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	0.75~5.5kW	50Hz, 60Hz, 70Hz	0~70Hz
6	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-112	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	1.5~7.5kW	50Hz, 60Hz, 70Hz	0~70Hz
7	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-132	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	2.2~11kW	50Hz, 60Hz, 70Hz	0~70Hz
8	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-160	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	4~18.5kW	50Hz, 60Hz, 70Hz	0~70Hz
9	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-180	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	11~30kW	50Hz, 60Hz, 70Hz	0~70Hz
10	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-200	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	15~45kW	50Hz, 60Hz, 70Hz	0~70Hz
11	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-225	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	18.5~55kW	50Hz, 60Hz, 70Hz	0~70Hz
12	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-250	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	22~90kW	50Hz, 60Hz, 70Hz	0~70Hz
13	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-280	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	37~132kW	50Hz, 60Hz, 70Hz	0~70Hz
14	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-315	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	55~200kW	50Hz, 60Hz, 70Hz	0~70Hz
15	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-355	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	132~315kW	50Hz, 60Hz, 70Hz	0~70Hz
16	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-400	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	110~1000kW	50Hz, 60Hz, 70Hz	0~70Hz
17	YBK3/YB/YB2/YB3/YBX3/YBX4/YBX5-450	208V, 220V, 230V, 240V, 380V, 400V, 415V, 460V, 480V, 660V, 690V, 220/380V, 208/240V, 230/400V, 240/415V, 380/460V, 380/660V, 400/690V, 660/1140V	220~1120kW	50Hz, 60Hz, 70Hz	0~70Hz

Ambient Temperature: -15~40°C (-45~60°C as optional)

**Rapporto di verifica e di prova**  
**Verification and test report**

XMT0202300257S/ATEX