[1] # UK TYPE EXAMINATION CERTIFICATE

[2]

Product or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

[3] UK Type Examination Certificate number: **IMQ UK25UKEX1033X**

[4] PRODUCT: **Electrical motors**
TYPE/SERIES: **D, E, F and G**

[5] MANUFACTURER: **Bonani S.p.A**

[6] ADDRESS: **Via Manara 21/A - 43126 Parma – Italy**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IMQ Certification (UK) Ltd, Approved Body number 8535, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.
The examination and test results are recorded in the confidential report **AT25-0117440-01**

[9] Compliance with Essential Health and Safety Requirements, except in respect of those listed in item 18 of the annex, has been assured by compliance with:

EN IEC 60079-0:2018; EN 60079-1:2014; EN 60079-7:2015+A1:2018; EN 60079-31:2014;

Except in respect of those requirements listed at section 18 of the schedule to this certificate. Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule of this certificate.

[11] This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulation apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of this product shall include the following:

Series D and E

Ex	II 2G	Ex db IIB/IIC T4/T5 Gb	or
Ex	II 2G	Ex db eb IIB/IIC T4/T5 Gb	

Series F and G

Ex	II 2G	Ex db IIB/IIC T4/T5 Gb	or
Ex	II 2G	Ex db eb IIB/IIC T4/T5 Gb	and
Ex	II 2D	Ex tb IIIC T125°C Db	

THIS CERTIFICATE CANCELS AND REPLACES THE PREVIOUS ONE. IT INCLUDES 1 ANNEX.

FIRST ISSUE	2025/08/01
CURRENT ISSUE	2026/04/24
PREVIOUS ISSUE	2025/08/01
EXPIRING DATE	2035/04/13

CERTIFICATION SECTOR - MANAGER

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[15] Description of product:

The three-phase and single-phase asynchronous squirrel cage motors (Series D, E, F and G) are a range of motor size 63 up to 112 according to IEC 60034 code. They are made of aluminum and have separate parts: motor enclosure, terminal box (optional) and capacitor enclosure (optional).
The motor enclosure has types of protection "flameproof" and "dust tight";
The terminal box has types of protection "Increased safety" or "flameproof" and/or "Dust tight";
The capacitor enclosure has types of protection "Ex db" and "Ex tb";
The motors can be equipped with auxiliary devices (starting capacitors, running capacitor, PTC, PTO, terminals and anti-condensation resistance).
PTCs and PTOs are used for motors supplied by inverter. They are drowned in the head of stator winding (one on each phase).

Capacitor can be present in the capacitor enclosure (if supplied), in the flameproof terminal box or in safe area (where external).

The equipment can have four typical constructive solution:

- Two with terminal box (Flameproof 'A' or Increased safety 'C')
- Two without terminal box (with Flameproof 'B' or Increased safety 'D' terminal compartment included in the body of the motor)

Constructive solutions A and B can be also considered as increased safety (for Series E and G).
Constructive solutions C and D use the terminal box enclosure (or cover for terminal compartment) and their internal arrangements of constructive solution A and B already evaluated in ExTR no. IT/IMQ/ExTR21.0006/00.

Series "D" and "F"

Constructive solutions (A) with terminal box

Motor can be provided with/without control/power cable.

Power cable connected to power terminal, while control cables (for PTC and PTO) are connected to already IECEx certified type "221-682" terminal and adapter type "221-511" (manufactured by WAGO).

Double insulating sheet is used when both power and control cables (for PTC) are used.

Constructive solutions (B) without terminal box

Power cable and control cables (where present) are intended to be permanently connected (crimped).

Double insulating sheet is used when both power and control cables (for PTC) are used.

Series "E" and "G"

Constructive solutions (A and C) with terminal box

Motor can be provided with/without control/power cable.

Power cable connected to power terminal, while control cable (for PTC and PTO) are permanently connected by manufacturer (crimped) and covered by a thermal shrink tube.

Double insulating sheet is used when both power and control cables (for PTC) are used.

Constructive solutions (B and D) without terminal box

Power cable and control cables (where present) are permanently connected by manufacturer (crimped) and covered by a thermal shrink tube.

Double insulating sheet is used when both power and control cables (for PTC) are used.

Ventilation

Self-ventilation made by fan, who is fitted directly on the shaft; or with forced ventilation through a motor size 63

Impellors for Group II motors, which have a peripheral speed below 50 m/s, are made of plastic nylon material.

Impellors for Group III motors are made of plastic material (with surface resistance value lower than 1 GΩ) or aluminium EN AB46100.

The degree of protection (IP) of ventilation openings are:

- IP 20 on the air inlet side
- IP 10 on the air outlet side

Painting:	Not painted (standard version); or Conductive type for Series F and G Insulating with up to 2 mm for Series D or E (Gas Group IIB) Insulating with up to 0.2 mm for Series D or E (Gas Group IIC)

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[15.1] Models/Series Identification:

The three-phase and single-phase electric motors are identified by a code as follows:

Key code												
	▮	▮	▮	▮	▮	*	▮	▮	*	*	▮	▮
Series												
Motor 2G (Ex d)	**D**											
Motor 2G (Ex de)	**E**											
Motor 2GD (Ex d)	**F**											
Motor 2GD (Ex de)	**G**											
Type												
Three-phase		**T**										
Single phase		**S**										
Number of poles												
Two			**2**									
Four			**4**									
Six			**6**									
Eight			**8**									
Double speed 2-4 poles			**A**									
Double speed 2-6 poles			**B**									
Double speed 2-8 poles			**C**									
Double speed 4-6 poles			**D**									
Double speed 4-8 poles			**E**									
Double speed 6-8 poles			**F**									
Constructive Size												
56				**A**								
63				**B**								
71				**C**								
80				**D**								
90L				**H**								
100				**M**								
112				**P**								
Power												
1st					**A**							
2nd					**B**							
3rd					**C**							
4th					**D**							
5th					**E**							
6th					**F**							
7th					**G**							
8th					**H**							
9th					**L**							
10th					**M**							
Mounting												
Class / Protection												
T4							**0**					
T5							**1**					
PTO 130°C							**2**					
PTO 100°C							**3**					
PTC 130°C							**4**					
PTC 90°C							**5**					
Configuration												
Standard box IP 66 (Configuration A)								**0**				
Reduced box IP 66 (Configuration B)								**1**				
Standard box IP 65 (Configuration C) – Series E and G								**2**				
Reduced box IP 65 (Configuration D) – Series E and G								**3**				
Progressive number												
Efficiency												
IE2											**2**	
IE3											**3**	
Ventilation												
Standard (Self-ventilated)												**E**
1ph forced ventilation												**S**
3ph forced ventilation												**T**

Notes: * = Part of motor coding not pertaining EX safety

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

List of motors

Three phase motors 1 speed

Motor	Power [kW]	
	50Hz	60Hz
56A2	0.09	0.11
56B2	0.12	0.14
63A2	0.18	0.22
63B2	0.25	0.30
71A2	0.37	0.44
71B2	0.55	0.66
71C2	0.75	0.90
80A2	0.75	0.90
80B2	1.1	1.32
90S2	1.5	1.80
90L2	2.2	2.64
100LA2	3	3.60
100LB2	4	4.80
112M2	4	4.80
112MB2	5.5	6.60

Motor	Power [kW]	
	50Hz	60Hz
56A4	0.06	0.07
56B4	0.09	0.11
63A4	0.12	0.14
63B4	0.18	0.22
71A4	0.25	0.30
71B4	0.37	0.44
71C4	0.55	0.44
80A4	0.55	0.66
80B4	0.75	0.90
90S4	1.1	1.30
90L4	1.5	1.80
100LA4	2.2	2.64
100LB4	3	3.60
112M4	4	4.80

Motor	Power [kW]	
	50Hz	60Hz
63B6	0.12	0.14
71A6	0.18	0.22
71B6	0.25	0.30
71C6	0.37	0.44
80A6	0.37	0.44
80B6	0.55	0.66
90S6	0.75	0.90
90L6	0.90	1.10
100LA6	1.10	1.32
100L6	1.50	1.80
112M6	2.20	2.64

Motor	Power [kW]	
	50Hz	60Hz
71A8	0.09	0.11
71B8	0.12	0.14
80A8	0.18	0.22
80B8	0.25	0.30
90S8	0.37	0.44
90L8	0.55	0.66
100LA8	0.75	0.90
100LB8	1.1	1.32
112M8	1.5	1.80

S*ingle phase motors 1 speed*

Motor	Power [kW]
56A2	0.09
56B2	0.12
63A2	0.18
63B2	0.25
71A2	0.37
71B2	0.55
80A2	0.75
80B2	1.1
90S2	1.5
90L2	2.2
100L2	3.0

Motor	Power [kW]
56A4	0.06
56B4	0.09
63A4	0.12
63B4	0.18
71A4	0.25
71B4	0.37
80A4	0.55
80B4	0.75
90S4	1.1
90L4	1.5
100LA4	1.85
100LB4	2.2

Motor	Power [kW]
71A6	0.12
71A6	0.18
71B6	0.25
80A6	0.25
80B6	0.37
90S6	0.55
90L6	0.75
100LA6	1.1
100LB6	1.5

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[13] Annex

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Three phase motors double speed constant torque

2/4 poles		
Type	50Hz	60Hz
	[kW]	[kW]
63B24	0.21	0.25
	0.13	0.16
71A24	0.33	0.40
	0.22	0.26
71B24	0.45	0.54
	0.3	0.36
80A24	0.6	0.72
	0.45	0.54
80B24	0.85	1.02
	0.65	0.78
90S24	1.3	1.56
	1	1.20
90L24	1.6	1.92
	1.3	1.56
90LB24	2.2	2.6
	1.5	2.0
100LA24	2.5	3.00
	1.8	2.16
100LB24	3.3	3.96
	2.6	3.12
112M24	4.5	5.40
	3.3	3.96

4/8 poles		
Type	Power	60Hz
	[kW]	[kW]
63B48	0.09	0.11
	0.04	0.05
71A48	0.15	0.18
	0.09	0.11
71B48	0.22	0.26
	0.12	0.14
80A48	0.37	0.44
	0.18	0.22
80B48	0.6	0.72
	0.28	0.34
90S48	0.75	0.90
	0.37	0.44
90L48	1.1	1.32
	0.55	0.66
100LA48	1.5	1.80
	0.75	0.90
100LB48	1.85	2.22
	0.95	1.14
112M48	2.4	2.88
	1.4	1.68

4/6 poles		
Type	Power	60Hz
	[kW]	[kW]
71A46	0.22	0.26
	0.15	0.18
71B46	0.28	0.336
	0.18	0.216
80A46	0.37	0.444
	0.3	0.36
80B46	0.5	0.6
	0.37	0.444
90S46	0.75	0.9
	0.45	0.54
90L46	1.1	1.32
	0.75	0.9
100LA46	1.5	1.8
	0.9	1.08
100LB46	1.8	2.16
	1.1	1.32
112M46	2.2	2.64
	1.5	1.8

6/8 poles		
Type	Power	60Hz
	[kW]	[kW]
71A68	0.08	0.10
	0.04	0.05
71B68	0.12	0.14
	0.08	0.10
80B68	0.19	0.23
	0.11	0.13
80B68	0.25	0.30
	0.19	0.23
90S68	0.37	0.44
	0.26	0.31
90L68	0.55	0.66
	0.37	0.44
100LA68	0.75	0.90
	0.55	0.66
100LB68	1.1	1.32
	0.75	0.90
112M68	1.5	1.80
	1.1	1.32

2/6 poles		
Type	50Hz	60Hz
	[kW]	[kW]
71A26	0.25	0.30
	0.1	0.12
71B26	0.37	0.44
	0.15	0.18
80A26	0.55	0.66
	0.22	0.26
80B26	0.75	0.90
	0.3	0.36
90S26	0.95	1.14
	0.4	0.48
90L26	1.25	1.50
	0.55	0.66
100LA26	1.8	2.16
	0.75	0.90
100LB26	2.2	2.64
	0.95	1.14
112M26	3	3.60
	1.25	1.50

2/8 poles		
Type	Power	60Hz
	[kW]	[kW]
71A28	0.18	0.22
	0.05	0.06
71B28	0.37	0.44
	0.09	0.11
80A28	0.55	0.66
	0.13	0.16
80B28	0.75	0.90
	0.18	0.22
90S28	0.95	1.14
	0.23	0.28
90L28	1.25	1.50
	0.31	0.37
100LA28	1.8	2.16
	0.45	0.54
100LB28	2.2	2.64
	0.55	0.66
112M28	3	3.60
	0.75	0.90

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

Three phase motors double speed quadratic torque

2/4 poles		
Type	50Hz [kW]	60Hz [kW]
63B24	0.24	0.29
	0.07	0.08
71A24	0.37	0.44
	0.09	0.11
71B24	0.5	0.60
	0.14	0.17
80A24	0.75	0.90
	0.18	0.22
80B24	1	1.20
	0.25	0.30
90S24	1.5	1.80
	0.37	0.44
90L24	2	2.40
	0.51	0.61
90LB24	2.2	2.64
	0.55	0.66
100LA24	2.6	3.12
	0.62	0.74
100LB24	3.3	3.96
	0.75	0.90
112M24	4.4	5.28
	1.1	1.32

4/8 poles		
Type	Power [kW]	60Hz [kW]
71A48	0.2	0.24
	0.05	0.06
71B48	0.3	0.36
	0.07	0.08
80A48	0.45	0.54
	0.1	0.12
80B48	0.65	0.78
	0.14	0.17
90S48	0.9	1.08
	0.22	0.26
90L48	1.2	1.44
	0.3	0.36
100LA48	1.9	2.28
	0.44	0.53
100LB48	2.2	2.64
	0.55	0.66
112M48	3	3.60
	0.75	0.90

4/6 poles		
Type	Power [kW]	60Hz [kW]
71B46	0.3	0.36
	0.1	0.12
80A46	0.44	0.528
	0.13	0.156
80B46	0.59	0.708
	0.18	0.216
90S46	0.9	1.08
	0.3	0.36
90L46	1.15	1.38
	0.4	0.48
100LA46	1.8	2.16
	0.6	0.72
100LB46	2.2	2.64
	0.7	0.84
112M46	3	3.6
	0.9	1.08

6/8 poles		
Type	Power [kW]	60Hz [kW]
80B68	0.33	0.40
	0.09	0.11
80B68	0.4	0.48
	0.12	0.14
90S68	0.48	0.58
	0.19	0.23
90L68	0.66	0.79
	0.25	0.30
100LA68	0.88	1.06
	0.37	0.44
100LB68	1.1	1.32
	0.44	0.53
112M68	1.5	1.80
	0.75	0.90

[15.2] Ratings:

Mains supply

Supply voltage: up to 850 Vac ±10%
Rated frequency: 50 Hz or 60 Hz
Rated power: 0.06 kW to 6.6 kW
Poles: 2, 4, 6, 8
2/4, 4/8 double speed (mixed windings - Dahlander)
2/6, 2/8, 4/6, 6/8 double speed (with separate windings)
Insulation class: F (155°C), H (180°C)

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

Duty: S1; or
S2, S3 and S9 (Operation under inverter)

Inverter supply (for duty S2, S3, and S9)

Possibility to supply through inverter exclusively with the use of thermal protectors applied in the windings.

Such protectors shall be connected to appropriate protective devices.

[15.3] Safety Ratings:

None

[15.4] Ambient temperature and temperature classes:

Minimum Ambient temperature: -40°C (or -20°C)

Maximum Ambient temperature: 60°C, (55 or 50°C or 45°C) or 40°C

Maximum surface temperature: T 125°C

Temperature class: T4 (with an ambient temperature up to 60°C)
T5 (with an ambient temperature up to 40°C)

Motors with different values of ambient temperature (i.e. 45°C, 50 and 55°C) are assigned the temperature class reserved for those with ambient temperature of +60°C.

In case of motor powered by means of an inverter, thermal protectors are applied on winding head. In this case the maximum surface temperature does not exceed the limit for:

- T5 when PTC 90 °C is installed;
- T5 when PTO 100 °C is installed;
- T4 when PTO 130 °C is installed;
- T4 when PTC 130 °C is installed;

[15.5] Degree of protection (IP code):

Part	*Degree of protection*
Main motor	IP 6X (according to EN 60079-0 and IEC 60529) IP X6 (according to IEC 60529)
Terminal compartment (which is included in motor's body) Terminal box (Series D and F)	IP 66 (according to EN 60079-0 and IEC 60529) IP 66 (according to EN 60079-0 and IEC 60529)
Terminal box (Series E and G)	IP 65 (according to EN 60079-0 and IEC 60529)
Capacitor box	IP 65 (according to EN 60079-0 and IEC 60529)

[15.6] Warnings:

- After de-energizing delay, 30 min before opening
- See installation instruction document
- Use fasteners with property class ≥ 8.8

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[16] Report: AT25-0117440-01

[16.1] Routine (factory) tests:

The manufacturer shall carry out the routine test prescribed in clauses 27 of EN 60079-0.

- In addition, if the equipment marking is "Ex db eb … Gb", the manufacturer shall carry out the dielectric routine test prescribed at clause 7.1 of the EN 60079-7 standard. The applied voltage shall be at least at (1 000 + 2U) Vac or 1 500 Vac, whichever is greater, where "U" is the r.m.s. working voltage.

Alternatively, the test shall be carried out at 1.2 times the test voltage, but maintained for at least 100 ms.

Overpressure routine test not required because each enclosure passed the type test performed at 4 times the value of reference pressure. In particular, capacitor box enclosure has been tested for a pressure of 46 bar

[16.2] Conformity with the documentation:

The manufacturer shall carry out the verifications or tests necessary to ensure that the product complies with the documentation.
Marking the equipment in accordance with Clause 29 of EN 60079-0, the manufacturer attests to his own responsibility that:

- the equipment has been constructed in accordance with the applicable requirements of the relevant standards in safety matters;
- the routine verifications and routine tests in 28.1 of EN 60079-0 have been successfully completed with positive results.

[16.3] Installation conditions:

The above referred product is foreseen to be installed in locations where there are environmental conditions, as clearly specified in clause 1, par. 2 of EN 60079-0.
Installation and use in atmospheric and environmental conditions that are out of the above-mentioned intervals request special considerations and additional measures by the side of the installer or user.
These should be specified to the manufacturer by the user;
It is not required by the applicable standard listed in Section 9 that the approved body confirm suitability for the adverse conditions.

Installation of equipment shall be done according to EN 60079-14 Standard requirements.

Capacitors have to be placed in the capacitor enclosure (if supplied), in the flameproof terminal box or in safe zone.

Cable entry devices shall be selected by the user according to EN 60079-14. They shall have at an operating temperature range between 80°C and the minimum ambient temperature reported on the motor label.

Unused cable entries shall be closed through a blanking element with the same characteristics as reported for cable entry devices.

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[17] Specific Conditions of Use (X):

- Flameproof joints are not intended to be repaired.
- The user has to periodically clean the enclosure in order to avoid the creation of a dust layer ≥ 5 mm.
- For ambient temperature of more than 40°C, use cable suitable for an operation temperature of at least 80°C.
- Supply through inverter: thermal protectors shall be connected to a safety device that, in case of activation, shut down the power supply. It is forbidden the self-restart of the equipment after the intervention of the relay.
- Maximum temperature safety systems integrity level shall be at least 2, according to IEC 61508 or IEC 61511 standard.
- For Series G, all cable entry devices shall be include an additional gasket on the mating part with the enclosure.

Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.

[18] Essential Health and Safety Requirements:
This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed in [9].

This Certificate **does not** cover hazards coming from environmental conditions different from those clearly and precisely indicated and covered in clause 1 of EN 60079-0.

ESHR Schedule 1(13)	to be fulfilled by the manufacturer according to Schedule 3A Part 6 of the Regulation.
ESHR Schedule 1 (21)	Covered by declaration of manufacturer about installation environmental conditions.
ESHR Schedule 1 (22)	Not applicable as this is not a safety related device.
ESHR Schedule 1 (38 to 43)	Not applicable as this is not a protective system.

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at [9], the following are considered relevant to this product, and conformity is demonstrated in the report:

N/A

[19] Drawings and Documents:

As listed in document: DL-AT25-0117440-01 rev. 0, dated 2025-04-17.

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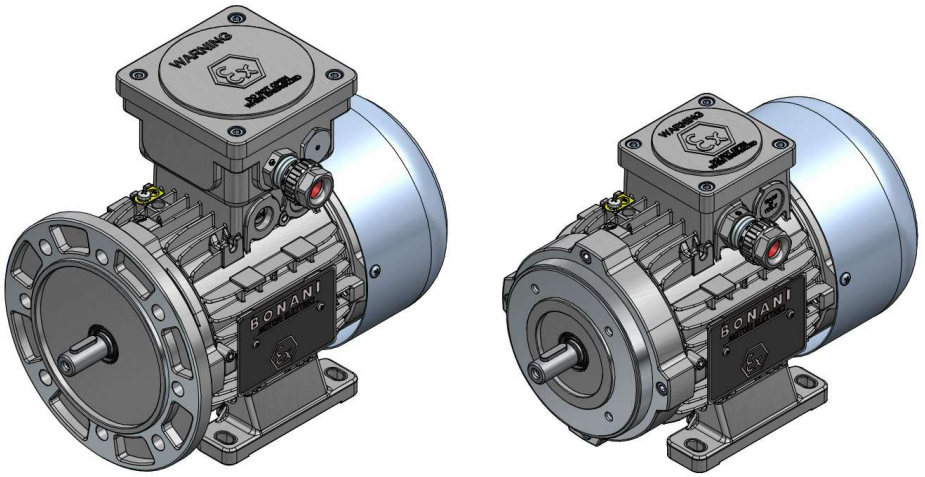
[13] Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[19.1] Photographs



[19.2] Details of marking

Series D

QR code	BONANI s.p.a. Str. Manara 21/A Parma Italy	BONANI MOTORI ELETTRICI	IMQUK25UKEX1033X	UK CA 8535
3ph Motor **DTR90L4**			**YEAR/N: 25/000001 001**	
Cl:**F** **IP66** **S1** **IMB14** **IE3**			**CODE:DT4HAC00203E**	

Hz	kW	Δ V Y	Amp	RPM	cosϕ	Eff.%
50	1,5	230 / 400	5,7 / 3,3	1430	0,75	85,3
60	1,8	277 / 480	5,7 / 3,3	1720	0,75	85,3

Imported by: Name of Company / Address of Company

II 2G Ex db IIC T4 Gb **Ta: -40°C +60°C**

WARNING After de-energizing delay, 30 min before opening - See installation instruction document - Use fasteners with property class ≥ 8.8

Series E

QR code	BONANI s.p.a. Str. Manara 21/A Parma Italy	BONANI MOTORI ELETTRICI	IMQUK25UKEX1033X	UK CA 8535
3ph Motor **ETR90L4**			**YEAR/N: 25/000001 001**	
Cl:**F** **IP66** **S1** **IMB14** **IE3**			**CODE:ET4HAC00203E**	

Hz	kW	Δ V Y	Amp	RPM	cosϕ	Eff.%
50	1,5	230 / 400	5,7 / 3,3	1430	0,75	85,3
60	1,8	277 / 480	5,7 / 3,3	1720	0,75	85,3

Imported by: Name of Company / Address of Company

II 2G Ex db eb IIC T4 Gb **Ta: -40°C +60°C**

WARNING After de-energizing delay, 30 min before opening - See installation instruction document - Use fasteners with property class ≥ 8.8

Series F

QR code	BONANI s.p.a. Str. Manara 21/A Parma Italy	BONANI MOTORI ELETTRICI	IMQUK25UKEX1033X	UK CA 8535
3ph Motor **FTR90L4**			**YEAR/N: 25/000001 001**	
Cl:**F** **IP66** **S1** **IMB14** **IE3**			**CODE:FT4HAC00203E**	

Hz	kW	Δ V Y	Amp	RPM	cosϕ	Eff.%
50	1,5	230 / 400	5,7 / 3,3	1430	0,75	85,3
60	1,8	277 / 480	5,7 / 3,3	1720	0,75	85,3

Imported by: Name of Company / Address of Company

II 2G Ex db IIC T4 Gb
2D Ex tb IIIC T125°C Db **Ta: -40°C +60°C**

WARNING After de-energizing delay, 30 min before opening - See installation instruction document - Use fasteners with property class ≥ 8.8

Series G

QR code	BONANI s.p.a. Str. Manara 21/A Parma Italy	BONANI MOTORI ELETTRICI	IMQUK25UKEX1033X	UK CA 8535
3ph Motor **GTR90L4**			**YEAR/N: 25/000001 001**	
Cl:**F** **IP66** **S1** **IMB14** **IE3**			**CODE:GT4HAC00203E**	

Hz	kW	Δ V Y	Amp	RPM	cosϕ	Eff.%
50	1,5	230 / 400	5,7 / 3,3	1430	0,75	85,3
60	1,8	277 / 480	5,7 / 3,3	1720	0,75	85,3

Imported by: Name of Company / Address of Company

II 2G Ex db eb IIC T4 Gb
2D Ex tb IIIC T125°C Db **Ta: -40°C +60°C**

WARNING After de-energizing delay, 30 min before opening - See installation instruction document - Use fasteners with property class ≥ 8.8

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[13] # Annex

[14] UK type Examination Certificate number: **IMQ UK25UKEX1033X**

[20] Certification Validity Conditions:

The use of this Certificate is subject to the Certification Scheme and to the Regulation applicable to holders of IMQ Certificates.

This certificate remains valid for so long as:

- The product listed in Section 4 is manufactured in accordance with the documents listed in Section 19. One copy of the mentioned documentation is kept in IMQ UK file.
- The standards listed in Section 9 of this Certificate continue to satisfy the Essential Health and Safety Requirements of Schedule 1 of the Regulations SI 2016:2017 (as amended) and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards)

[21] Certificate History

Issue 0

Issue 1 – 2026/04/24: editorial correction at [15]

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