

# ***EU - Declaration of Conformity***

## **Manufacturer**

Company Name: JVL A/S  
Address: Bregnerødvej 127  
DK-3460 Birkerød  
Denmark  
Telephone: +45 45 82 44 40  
E-mail: jvl@jvl.dk  
Web: www.jvl.dk

## **Hereby declare that:**

### **Product**

No.: MIS or MILI 70, 173, 176, 231, 232 and 234  
Name: Integrated Stepper Motor  
Sub-types: - tzznnyxw6  
*t=connector orientation*  
*zz=shaft type*  
*nn=internal option module,*  
*yx=optional encoder options)*  
*w=optional STO feature*

- is in conformity with:

DIRECTIVE 2014/30/EU (EMC directive) OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

and

DIRECTIVE 2014/35/EU (LVD directive) OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

- is manufactured in accordance with the following standards:

*EN 61800-3 Adjustable speed electrical power drives systems - part 3:*

*EMC product standard including specific test methods.*

*and*

*EN/IEC 62368-1:2020/A1 1:2020 Safety of electrical and electronic equipment.*

*June 2021*



**Bo V. Jessen**  
Technical Director - JVL A/S



**JVL**  
intelligent motors

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	MIS17 Stepper, MIL17 Stepper, MIS23 Stepper, MIL23 Stepper, MIS24 Stepper and MIL24 Stepper
Name and address of the applicant	JVL Industri Elektronik A/S Bregnerødvej 127 3460 Birkerød Denmark
Name and address of the manufacturer	JVL Industri Elektronik A/S Bregnerødvej 127 3460 Birkerød Denmark
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 JVL Industri Elektronik A/S Bregnerødvej 127 3460 Birkerød Denmark
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	24 Vdc (CVI) and 80 Vdc (P+)
Trademark (if any)	 JVL
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	NEMA17 Stepper NEMA23 Stepper NEMA24 Stepper
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2 Covered product variants are detailed in the document: 117-32730 - 1716 - Assessment sheet JVL Industri Elektronik AS - small steppers Assessment performed by FORCE Technology.
	A1 change: Zip code and associated city name updated in addresses above.
A sample of the product was tested and found to be in conformity with	IEC 61800-3:2004/AMD1:2011, IEC 61800-3:2017 National differences: EU Group Differences Comments: EN 61800-3:2004/A1:2012 117-32730-1
As shown in the Test Report Ref. No. which forms part of this Certificate	

This CB Test Certificate is issued by the National Certification Body

FORCE Certification A/S  
Park Alle 345, DK-DK 2605 Brøndby, Denmark

**FORCE**  
Certification 



Date: 2018-05-30

Signature: Ole Hammer

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IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

MIS17x/MIS23x series / MIL17x/MIL23x series, Integrated stepper motors family range

Name and address of the applicant

JVL A/S  
Bregnerødvej 127  
3460 Birkerød  
Denmark

Name and address of the manufacturer

JVL A/S  
Bregnerødvej 127  
3460 Birkerød  
Denmark

Name and address of the factory

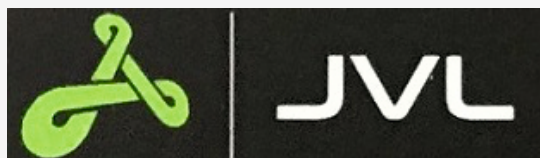
Note: When more than one factory, please report on page 2

[Additional information on page 2](#)JVL A/S  
Bregnerødvej 127  
3460 Birkerød  
Denmark

Ratings and principal characteristics

12 – 72 VDC, 6.0 A; I/O 7 – 28 VDC, 3,08 Nm

Trademark (if any)



JVL

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MIS17x/MIS23x / MIL17x/MIL23x

Additional information (if necessary may also be reported on page 2)

[Additional information on page 2](#)

Please refer to the family range specification on page 2.

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

National differences:

EU Group Differences

Comments:

Applied EU standard: EN IEC 62368-1:2020/A11:2020

120-32182-3

As shown in the Test Report Ref. No. which forms part of this Certificate

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FORCE Certification A/S  
Park Alle 345, DK-2605 Broendby, Denmark

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

**Additional information**

Tested unit is MIS234S, which represents both the MIS17x and MIS23x series.

Electrically the family range of MIS17x and MIS23x series is identical, the only difference is mechanically.

MIL17x/MIL23x series differs from MIS17x and MIS23x series by a shaft change to a threaded-spindle.

The covered family range of the MIS17x/MIS23x series / MIL17x/MIL23x series consist of main motor types MIS171, MIS173, MIS176, MIS231S, MIS232S, MIS234S, MIS231T and MIS232T.

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