Supplement Nr: 02

(1) # Type Examination Certificate

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres

Directive 2014/34/EU

(3) Type Examination Certificate Number: **IEP 16 ATEX 0384**

(4) Equipment: **Vxx , Vyx and Vzx Series Micro Vibration Motors**

(5) Firm Name: **MİKSAN MOTOR SANAYİ VE TİCARET A.Ş.**

(6) Firm Address: **Beylikdüzü Organize San. Böl. Bakır ve Pirinç Sanayicileri Sitesi Menekşe Caddesi No:1 Beylikdüzü / İSTANBUL – TÜRKİYE**

(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of category 3 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II to the Council Directive 2014/34/EU. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-867-2 date 18.03.2025.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN IEC 60079-0:2018, EN 60079-31 : 2014

(10) If the sign " X " is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment or protective system shall include the following :

II 3D Ex tc IIIC (T 100 ^{0}C) Dc , IP65

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

Supplement 02 Date of Issue : 19.03.2025

IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.
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(13) Schedule

(14) Certificate Nr: **IEP 16 ATEX 0384**

(15) Description of Equipment:

Vxx , Vyx and Vzx series micro vibration motors are used in applications where vibration needs. These motors have two shaft weights. The engines are used in asynchronous AC motors. VYP models are made of stainless steel, other models are made of aluminum. The parts and materials that are used in Vxx and Vyx series micro vibration motors has been determined in the part list table 3 and table 6 of date 16.03.2015. The parts and materials that are used in Vzx series micro vibration motors has been determined in the part list table 2.1.4.4 of date 14.01.2025. Vxx , Vyx and Vzx series vibration motors are used in zone 22 dust area according to the EN 60079-10-2.

Technical data sheet : Vx and Vy Series Vibration Motors

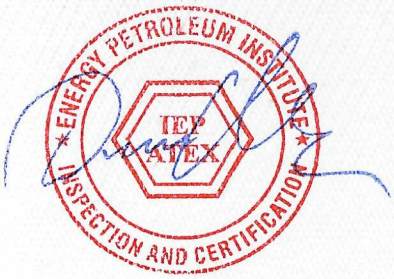
Type	Voltage V AC	Max Input Power W	Speed Rev/Min^{-1}	Weight Kg
VX 20	400	21 W	3000	1,6
VX 20 M	230	25 W	3000	1,6
VY 40	400	40 W	3000	2,6
VYP 40	400	42 W	3000	3,6
VY 60	400	40 W	3000	2,7
VYP 60	400	42 W	3000	3,7
VY 25	400	56 W	1500	3,0
VYP 25	400	58 W	1500	4,0
VY 40 M	230	50 W	3000	2,6
VYP 40 M	230	42 W	3000	3,6
VY 60 M	230	50 W	3000	2,7
VYP 60 M	230	42 W	3000	3,7
VY 25 M	230	58 W	1500	3,0
VYP 25 M	230	44 W	1500	4,1
Ta: (-15 ~ +40) ^{0}C				

Vz Series Vibration Motors

Type	Voltage V AC	Frequency Hz	Max Input Power W	Speed Rev/Min^{-1}	Weight Kg
VZ	220 ~ 240	50 / 60	0,018 W	2875	0,92
	220 ~ 240	50 / 60	0,018 W	2875	0,92
	220 ~ 240	50 / 60	0,018 W	3435	0,92
	220 ~ 240	50 / 60	0,018 W	3420	0,92
Ta: (-15 ~ +40) ^{0}C					

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

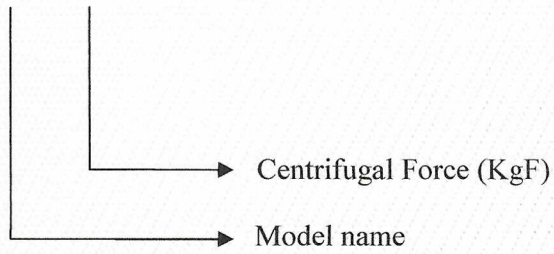


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(16) Schedule / Certificate Nr: **IEP 16 ATEX 0384**

(17) Product Code System

V x/y/z x



(18) Essential Health and Safety Requirements :

This certificate is in the contents of standards that mentioned in item [9] It has been accepted that Vxx, Vyx and Vzx series micro vibration motors are manufactured according to the producer instructions and the standards mentioned above.

(19) List of documentation;

- Vxx and Vyx series micro vibration motors user manually 10 page dated 16.03.2015.
- Vzx series micro vibration motors user manually 10 pages dated 14.01.2025.
- Drawing:

Drawing Nr ;	Drawing Name ;	Date ;
VXxx001	VX Assembly Drawing	16.03.2015
VYxx001	VY Assembly Drawing	16.03.2015
VXxx00	VX Parts List	19.03.2015
VXxx01	VX Body	19.03.2015
VXxx02	VX Weight Protection Cover	19.03.2015
VXxx03	VX Shaft	19.03.2015
VXxx04	VX Weights	19.03.2015
VXxx05	VX Rotor	19.03.2015
VXxx06	VX Wound Stator	19.03.2015
VYxx00	VY Parts List	19.03.2015
VYxx02	VY Body	19.03.2015
VYxx03	VY Body	19.03.2015
VYxx04	VY Bearing Cover	19.03.2015
VYxx05	VY Weight Protection Cover	19.03.2015
VYxx06	VY Nut	19.03.2015
VYxx07	VY Shaft	19.03.2015
VYxx08	VY Weight	19.03.2015

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

(20) Certificate Nr: **IEP 16 ATEX 0384**

- Drawing:

Drawing Nr ;	**Drawing Name ;**	**Date ;**
VYxx09	VY Rotor	19.03.2015
VYxx10	VY Wound Stator	19.03.2015
VZxx01	VZ Weight Cover	24.12.2024
VZxx02	VZ O-Ring	09.01.2025
VZxx03	VZ Weight	24.12.2024
VZxx04	VZ Bearing Cover	24.12.2024
VZxx05	VZ Mile	24.12.2024
VZxx06	VZ Rotor	24.12.2024
VZxx07	VZ Wound Stator	25.12.2024
VZxx08	VZ Body	24.12.2024
VZxx09	VZ Terminal Cover	24.12.2024
VZxx10	VZ Terminal Seal	24.12.2024
VZxx11	VZx Zone Drawing	26.12.2024

For the validity of analysis type certificate, the parts that are used in Vxx and Vyx series micro vibration motors are determined in confirmed in the part list table 3 and table 6 of date 16.03.2015 of date 02.05.2014.The parts and materials that are used in Vzx series micro vibration motors has been determined in the part list table 2.1.4.4 of date 14.01.2025.

Certificate History;

Supplement Nr	Supplement Date	Summary Description of Variation
02	19.03.2025	· Standard Revision (EN IEC 60079-0:2018) · Scope Expansion (VZ x type and VYP type)
01	18.06.2018	· Upgrade to ATEX directive 2014/34/EU · Conformity to standard EN 60079-0 : 2013, EN 60079-31 : 2014 · Module change
00	17.02.2016	First issue of certificate

Responsible Person:
Nurettin Terzioglu
Head of Certification Body

Supplement 02 Date of Issue : 19.03.2025