MVE-MICRO - 2 poles electric vibrators

The MVE-MICRO external electric vibrators are characterized by their small size and consist of an electric motor housed in a robust aluminium body, with eccentric weights mounted on both ends of the shaft.
They fit into small vibrating equipment or hopper though ensuring a significant centrifugal force.

Class II Div.2: Temp. Class **T4**
II 3D Temp. Class: ● 100 °C
* Terminal Connections: **Y** High Voltage

THREE-PHASE

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS						
								Input Power (kW)		Nominal Current A max			* Terminal Connection	Cable Gland
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (230V)	50Hz (400V)	60Hz (460V)		Metric
0.4	0.4	MVE 21/3E-MICRO	MVE 21/36E-MICRO	20	29	2		0.04	0.04	0.21	0.12	0.12	Y	M16 ●
0.9	0.9	MVE 41/3E-MICRO	MVE41/36E-MICRO	45	65	2		0.06	0.06	0.30	0.18	0.18	Y	M16 ●

SINGLE-PHASE

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS				
								Input Power (kW)		Nominal Current A max		Cable Gland
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (230V)	60Hz (115V)	Metric
0.1	0.1	MVE 3/3E-MICRO-M	MVE 3/36E-MICRO-M	4	6	1.6		0.03	0.04	0.30	0.80	M16 ●
0.1	0.1	MVE 6/3E-MICRO-M	MVE 6/36E-MICRO-M	6	9	1.6		0.03	0.04	0.30	0.80	M16 ●
0.4	0.4	MVE 21/3E-MICRO-M	MVE 21/36E-MICRO-M	20	29	2		0.04	0.07	0.20	0.80	M16 ●
0.9	0.9	MVE 41/3E-MICRO-M	MVE 41/36E-MICRO-M	45	65	2.4		0.05	0.07	0.25	0.80	M16 ●

MVE-MICRO - 2 POLES ELECTRIC VIBRATORS - THREE PHASE / SINGLE PHASE

APPLICATION	Small hopper - micro screen - chute - vibrating feeder table and channels - compaction tables
POWDER	Fine - dry
PROBLEM SOLVING	Bridge and rat-holing

FEATURES

DUTY CYCLE	Continuous - S1
ENVIRONMENT TEMPERATURE	From -20 °C to 40 °C (from -4 °F to 104 °F) From -20 °C to 55 °C (from -4 °F to 131 °F)
MAX NOISE LEVEL	76 dB(A)
ATEX	II2D Ex tb IIIC Tx Db IP66
MATERIAL	Body aluminium - stainless steel cover
CAPACITOR	Included (on 1ph models)

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

- II2D Ex tb IIIC Tx Db IP66
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 21) - Directive 2014/34/UE
- Compliance with Essential Health and Safety Requirements
- IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31

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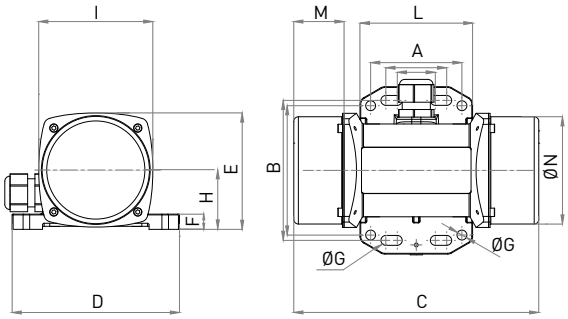

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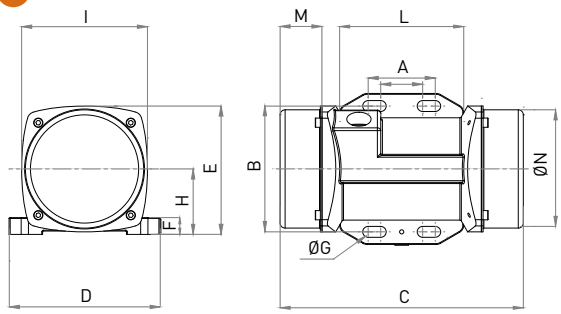

THREE-PHASE

Model		Drawing	DIMENSIONAL SPECIFICATIONS (mm)												
			C	M	A	B	Ø G	Holes	D	E	F	H	I	L	N
50Hz	60Hz		50Hz	50Hz											
MVE 21/3E-MICRO	MVE21/36E-MICRO	F	145	25	Multiple Footprint 25-40 60	92 85	6.5 6.5	4	110	76	10	39	75	74	70
MVE 41/3E-MICRO	MVE 41/36E-MICRO	F	161	33	Multiple Footprint 25-40 60	92 85	6.5 6.5	4	110	76	10	39	75	74	70

SINGLE-PHASE

Model		Drawing	DIMENSIONAL SPECIFICATIONS (mm)												
			C	M	A	B	Ø G	Holes	D	E	F	H	I	L	N
50Hz	60Hz		50Hz	50Hz											
MVE 3/3E-MICRO-M	MVE 3/36E-MICRO-M	F	145	25	Multiple Footprint 25-40 60	92 85	6.5 6.5	4	110	76	10	39	75	74	70
MVE 6/3E-MICRO-M	MVE 6/36E-MICRO-M	I	145	25	Multiple Footprint 25-40 -	75 -	6.5 -	4	90	76	10	39	75	74	70
MVE 21/3E-MICRO-M	MVE 21/36E-MICRO-M	F	145	25	Multiple Footprint 25-40 60	92 85	6.5 6.5	4	110	76	10	39	75	74	70
MVE 41/3E-MICRO-M	MVE 41/36E-MICRO-M	F	161	25	Multiple Footprint 25-40 60	92 85	6.5 6.5	4	110	76	10	39	75	74	70

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

» Class II Div.2 Group F, G T4
» Conform to UL 1004-1,UL 1004-3, UL60079-31, UL60079-0, CSA 60079-0, CSA 60079- 31, CSA 22.2 N°100, CSA 22.2 N°77