

MVE-DC - Direct current electric vibrators

The MVE DC electric vibrators consist of an electric motor (12 or 24 volts) housed in a robust aluminium casing, with eccentric weights mounted on both ends of the shaft.

The MVE-DC is designed for concrete mixers and other industrial or agricultural vehicles, capable of withstanding harsh environments.



II 3D Temp. Class: ● 100 °C

Wm (kgcm)	Model	RPM	Centrifugal Force (kg)	Weight (kg)	ELECTRICAL SPECIFICATIONS		
					Input Power (kW)	Nominal Current A max	Cable Gland
1.0	MVE 50/3N-DC-10A0-12V	3,000	50	4.4	0.08	6.60	M16 ●
1.0	MVE 50/3N-DC-10A0-24V	3,000	50	4.4	0.08	3.30	M16 ●
1.1	MVE 120/3N-DC-23A0-12V	3,000	117	7.2	0.12	9.50	M20 ●
1.1	MVE 120/3N-DC-23A0-24V	3,000	117	7.2	0.12	4.80	M20 ●
4.2	MVE 200/3N-DC-23A0-12V	3,000	200	6.5	0.16	13.30	M20 ●
4.2	MVE 200/3N-DC-23A0-24V	3,000	200	6.5	0.16	6.70	M20 ●
10.4	MVE 500/3N-DC-40A0-24V	3,000	530	15.8	0.26	11.00	M20 ●
22.4	MVE 1500/3N-DC-50A0-24V	3,000	1,616	23	0.52	21.50	M20 ●

MVE-DC - DIRECT CURRENT ELECTRIC VIBRATORS

APPLICATION Dump truck - concrete pump - automotive hopper - salt spreader - tipper trailer

POWDER Granular - Concrete

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)

MAX NOISE LEVEL 76 dB(a)

ATEX II3D Ex tc IIIC Tx IP69K

MATERIAL Body aluminium - stainless steel /aluminium (powder painted) cover

OPTIONS

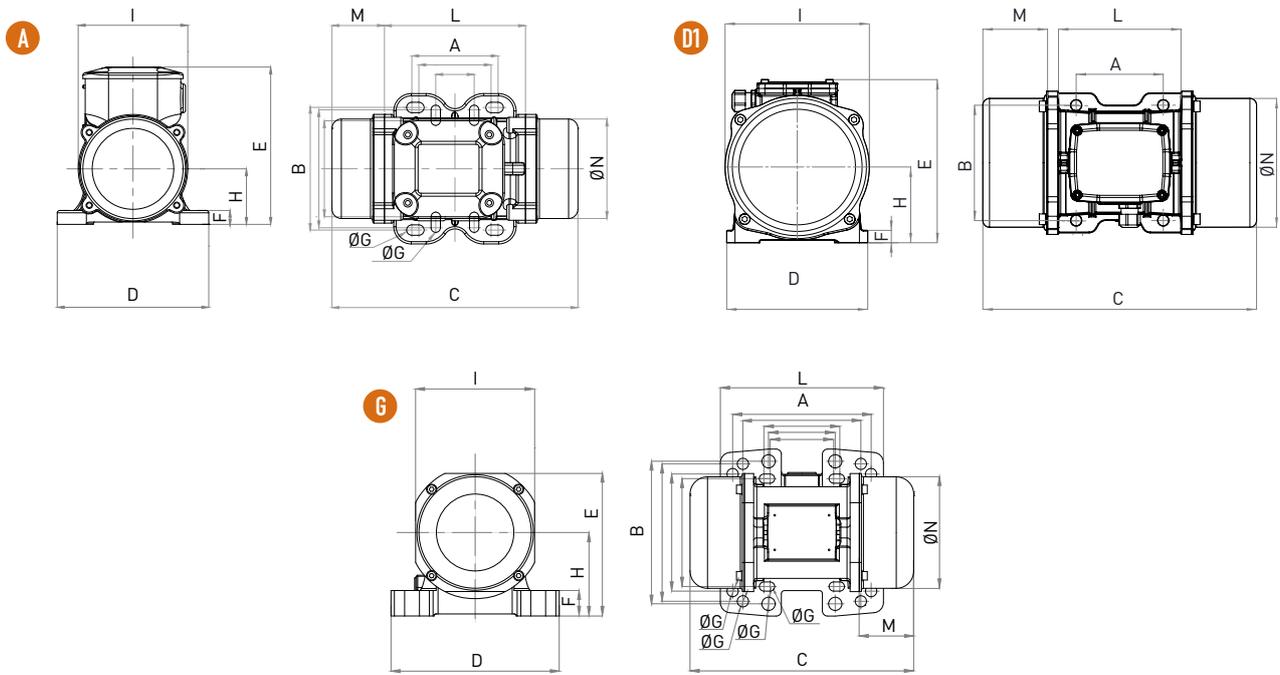
CABLE Available on request, customisable

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

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- » II3D Ex tc IIIC Tx IP69K
- » Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 2014/34/UE
- » Compliance with Essential Health and Safety Requirements
- » IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31



DIMENSIONAL SPECIFICATIONS (mm)															
Model	Drawing	Size	C	M	A	B	ØG	Holes	D	E	F	H	I	L	N
MVE 50/3N-DC-10A0-12V	A	10A0	213	45	Multiple Footprint			4	130	136	12	48	94	121	85
					62-74	106	9								
MVE 50/3N-DC-10A0-24V	A	10A0	213	45	33 83-102 7			4	130	136	12	48	94	121	85
MVE 120/3N-DC-23A0-12V	G	23A0	218	53	Multiple Footprint			4	164	140	25	82	116	159	110
					62-74	106	9								
MVE 120/3N-DC-23A0-24V	G	23A0	218	53	65 140 13			4	164	140	25	82	116	159	110
MVE 200/3N-DC-23A0-12V	G	23A0	218	53	115 135 11			4	164	140	25	82	116	159	110
MVE 200/3N-DC-23A0-24V	G	23A0	218	53	135 115 11			4	164	140	25	82	116	159	110
MVE 500/3N-DC-40A0-24V	D1	40A0	330	78	105	140	13	4	170	195	15	92	174	166	160
MVE 1500/3N-DC-50A0-24V	D1	50A0	324	63	120	170	18	4	208	210	18	96	185	192	165

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