



Vibration motor



# MVE STANDARD RANGE

## 4 POLES - 1500/1800 rpm

Wm (Kgcm)	Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS						CERTIFICATE			
							Input Power (kW)		Nominal Current <b>A max. (V)</b>		Ia/In		Cable Gland	Class II Div.2	II 2D	
							50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz		Metric	Temp. Class	Temp. Class
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class		
2.0	2.0	MVE 40/15E-10A0	MVE 40/18E-10A0	25	36	5		0.05	0.04	0.31	0.31	2.2	2.2	M16	T4	100 °C
4.0	4.2	MVE 90/15E-20A0	MVE 90/18E-20A0	75	76	7		0.07	0.08	0.31	0.25	2.2	2.2	M20	T4	100 °C
4.0	4.2	MVE 90/15E-23A0	MVE 90/18E-23A0	75	76	7		0.07	0.08	0.31	0.25	2.2	2.2	M20	T4	100 °C
15.4	10.8	MVE 200/15E-30A0	MVE 200/18E-30A0	194	196	12		0.12	0.15	0.49	0.50	2.2	2.2	M20	T4	100 °C
33.4	33.4	MVE 400/15E-40A0	MVE 400/18E-40A0	420	423	20		0.27	0.32	0.84	0.84	2.7	2.7	M20	T4	135 °C
40.1	28.1	MVE 500/15E-40A0	MVE 500/18E-40A0	504	508	21		0.35	0.40	1.06	1.09	3.0	2.9	M20	T4	135 °C
26.6	18.6	MVE 300/15E-50A0	MVE 300/18E-50A0	334	336	22		0.62	0.73	1.32	1.20	3.2	3.4	M20	T4	135 °C
26.6	18.6	MVE 300/15E-51A0	MVE 300/18E-51A0	334	336	22		0.62	0.73	1.32	1.20	3.2	3.4	M20	T4	135 °C
56.8	39.4	MVE 700/15E-50A0	MVE 700/18E-50A0	714	712	27		0.62	0.73	1.32	1.20	3.2	3.4	M20	T4	135 °C
56.8	39.4	MVE 710/15E-50A0	MVE 710/18E-50A0	714	712	27		0.62	0.73	1.32	1.20	3.2	3.4	M20	T4	135 °C
75.6	52.9	MVE 950/15E-50A0	MVE 950/18E-50A0	950	957	33		0.64	0.77	1.40	1.35	4.2	4.2	M20	T4	135 °C
88.7	42.0	MVE 1100/15E-50A0	MVE 1100/18E-50A0	1,114	1,122	36		0.64	0.77	1.40	1.35	4.0	4.0	M20	T4	135 °C
87.7	61.4	MVE 1100/15E-51A0	MVE 1100/18E-51A0	1,102	1,110	48		0.64	0.77	1.40	1.35	4.0	4.0	M20	T4	135 °C
108.6	76.7	MVE 1400/15E-60A0	MVE 1400/18E-60A0	1,364	1,388	63	60	0.70	0.84	1.78	1.78	4.2	4.2	M25	T4	135 °C
137.3	92.0	MVE 1700/15E-60A0	MVE 1700/18E-60A0	1,725	1,664	62	59	1.13	1.30	2.16	2.09	4.9	4.7	M25	T4	135 °C
187.7	137.4	MVE 2400/15E-60A0	MVE 2400/18E-60A0	2,358	2,485	68	62	1.57	1.88	3.20	3.20	5.1	5.1	M25	T4	135 °C
203.5	135.6	MVE 2500/15E-70A0	MVE 2500/18E-70A0	2,557	2,454	80	74	1.76	2.00	3.08	3.00	6.2	6.3	M25	T4	135 °C
248.7	169.8	MVE 3000/15E-70A0	MVE 3000/18E-70A0	3,124	3,071	80	74	1.90	2.30	3.68	3.30	6.7	6.8	M25	T4	135 °C
304.7	204.7	MVE 3800/15E-75A0	MVE 3800/18E-75A0	3,853	3,704	146		2.20	2.60	4.15	4.15	7.0	7.0	M32	T4	135 °C
343.2	240.9	MVE 4300/15E-75A0	MVE 4300/18E-75A0	4,312	4,259	136	125	2.50	3.00	4.50	4.60	7.2	7.4	M32	T4	135 °C
437.4	303.7	MVE 5500/15E-80A0	MVE 5500/18E-80A0	5,495	5,495	181	169	2.88	3.45	4.50	5.50	7.3	7.2	M32	T4	135 °C
<b>A max. (A)</b>																
576.8	397.3	MVE 7200/15E-85A0	MVE 7200/18E-85A0	7,244	7,188	237	231	4.00	4.80	8.50	8.70	7.0	7.1	M32	T4	135 °C
718.0	498.8	MVE 9000/15E-85A0	MVE 9000/18E-85A0	9,020	9,023	252	241	7.35	8.50	13.40	12.00	7.2	7.2	M32	T4	135 °C
579.9	404.0	MVE 7200/15E-86A0	MVE 7200/18E-86A0	7,286	7,345	237	231	4.00	4.50	11.00	10.80	4.7	4.5	M32	T4	135 °C
724.8	507.0	MVE 9000/15E-86A0	MVE 9000/18E-86A0	9,106	9,172	252	241	4.00	4.50	11.00	10.80	4.7	4.5	M32	T4	135 °C
800.1	588.3	MVE 10000/15E-90A0	MVE 10000/18E-90A0	10,052	10,643	300	286	5.40	7.00	13.00	13.00	6.7	6.4	M32	T4	135 °C
835.7	581.3	MVE 10000/15E-91A0	MVE 10000/18E-91A0	10,499	10,517	300	286	7.00	8.20	13.10	13.10	7.2	7.7	M32	T4	135 °C
939	655	MVE 11500/15E-100A0	MVE 11500/18E-100A0	11,779	11,853	445	422	9.0	10.0	15.5	15.5	7.0	7.0	M32	T4	135 °C
1,142	838	MVE 14500/15E-100A0	MVE 14500/18E-100A0	14,352	15,153	460	442	11.0	13.0	18.5	18.5	8.0	8.0	M32	T4	135 °C



UP TO SIZE 60 (NOT INCLUDED)  
60Hz masses = 50Hz masses adjusted at 70%  
Except for model MVE 1100/15 - 1100/18



ABOVE SIZE 60 (INCLUDED)  
Specific masses for 60Hz

To convert kg into Newton:  $N = 9.81 \cdot kg$



- IIZD Ex Ib IIC T4 Db IP66
- Equipment and protective system intended for use in potentially
- Compliance with Essential Health and Safety Requirements
- IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31

Area I Zone 21 - Directive 2014/34/EU



DIMENSIONAL SPECIFICATIONS (mm)

Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
50 Hz	60 Hz			n°														
					50Hz-60Hz	50Hz	60Hz	Multiple Fasteners										
MVE 40/15E-10A0	MVE 40/18E-10A0	A	10A0	213	45	Multiple Fasteners 62-74 106 9 33 83-102 7			4	130	135	11	50	96	107	85		
MVE 90/15E-20A0	MVE 90/18E-20A0	B	20A0	223	54	Multiple Fasteners 62-74 106 9			4	130	154	15	65	125	120	112		
MVE 90/15E-23A0	MVE 90/18E-23A0	G	23A0	222	55	Multiple Fasteners 65 140 13 115 135 11 135 115 11			4	144	140	25	82	116	159	110		
MVE 200/15E-30A0	MVE 200/18E-30A0	C	30A0	294	52	Multiple Fasteners 80 110 11 90 125 13 124 110 11 135 115 11			4	150	173	15	79	150	144	134		
MVE 400/15E-40A0	MVE 400/18E-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160		
MVE 500/15E-40A0	MVE 500/18E-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160		
MVE 300/15E-50A0	MVE 300/18E-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170		
MVE 300/15E-51A0	MVE 300/18E-51A0	D1	51A0	321	62	120	170	17	4	208	220	25	105	202	192	187		
MVE 700/15E-50A0	MVE 700/18E-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170		
MVE 710/15E-50A0	MVE 710/18E-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170		
MVE 950/15E-50A0	MVE 950/18E-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 1100/15E-50A0	MVE 1100/18E-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 1100/15E-51A0	MVE 1100/18E-51A0	D1	51A0	414	106	120	170	17	4	208	220	25	105	202	192	187		
MVE 1400/15E-60A0	MVE 1400/18E-60A0	D1	60A0	446	112	140	190	17	4	230	240	24	124	240	218	222		
MVE 1700/15E-60A0	MVE 1700/18E-60A0	D1	60A0	446	112	140	190	17	4	230	240	24	124	240	218	222		
MVE 2400/15E-60A0	MVE 2400/18E-60A0	D1	60A0	490	444	134	112	140	190	17	4	230	240	24	124	240	218	222
MVE 2500/15E-70A0	MVE 2500/18E-70A0	D1	70A0	501	123	155	225	22	4	275	290	30	140	256	250	234		
MVE 3000/15E-70A0	MVE 3000/18E-70A0	D1	70A0	535	501	140	123	155	225	22	4	275	290	30	140	256	250	234
MVE 3800/15E-75A0	MVE 3800/18E-75A0	D1	75A0	544	534	151	117	155	255	23.5	4	304	314	30	147	285	277	265
MVE 4300/15E-75A0	MVE 4300/18E-75A0	D1	75A0	584	544	151	141	155	255	23.5	4	304	314	30	147	285	277	265
MVE 5500/15E-80A0	MVE 5500/18E-80A0	E1	80A0	603	143	180	280	24	4	332	340	37	167	345	304	310		
MVE 7200/15E-85A0	MVE 7200/18E-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378		
MVE 9000/15E-85A0	MVE 9000/18E-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378		
MVE 7200/15E-86A0	MVE 7200/18E-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378		
MVE 9000/15E-86A0	MVE 9000/18E-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378		
MVE 10000/15E-90A0	MVE 10000/18E-90A0	E1	90A0	728	170	125	380	39	4	452	415	40	205	394	380	378		
MVE 10000/15E-91A0	MVE 10000/18E-91A0	E1	91A0	728	170	125	380	39	4	452	415	40	205	394	380	378		
MVE 11500/15E-100A0	MVE 11500/18E-100A0	E	100	890	210	140	440	45	4	530	484	37	232	446	470	424		
MVE 14500/15E-100A0	MVE 14500/18E-100A0	E	100	890	210	140	440	45	4	530	484	37	232	446	470	424		

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/7

The information is provided without warranty, representation, inducement or promise of any kind. It is accurate to the best of our knowledge and is obtained from sources believed to be accurate. UL Numbers are used as legal responsibility.



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

STANDARD

INCREASED SAFETY

EXPLOSION-PROOF

HI-STROKE MILLING