



Vibration motor



# MVE STANDARD RANGE

## 6 POLES - 1000/1200 rpm



Wm (Kjcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS						CERTIFICATE		
								Input Power (kW)		Nominal Current A max. (V)		Ia/In		Cable Gland	Class II Div.2	II 2D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (440V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class		
9.5	6.6	MVE 50/1E-30A0	MVE 50/12E-30A0	53	53	10		0.12	0.14	0.30	0.40	2.2	2.2	M20	T4	100 °C
18.8	13.2	MVE 100/1E-30A0	MVE 100/12E-30A0	105	106	11		0.12	0.14	0.30	0.40	2.2	2.2	M20	T4	100 °C
33.5	23.4	MVE 200/1E-60A0	MVE 200/12E-60A0	187	188	19		0.15	0.18	0.45	0.43	2.2	2.2	M20	T4	135 °C
56.9	39.9	MVE 300/1E-50A0	MVE 300/12E-50A0	318	320	26		0.25	0.30	0.67	0.64	2.7	2.7	M20	T4	135 °C
91.9	64.3	MVE 500/1E-50A0	MVE 500/12E-50A0	513	517	34		0.55	0.40	1.22	1.15	3.0	2.9	M20	T4	135 °C
91.9	91.9	MVE 510/1E-50A0	MVE 510/12E-50A0	513	739	34		0.55	0.40	1.20	1.15	3.0	2.9	M20	T4	135 °C
137.4	108.6	MVE 800/1E-60A0	MVE 800/12E-60A0	767	873	60	58	0.75	0.80	1.42	1.32	3.4	3.3	M25	T4	135 °C
187.7	127.3	MVE 1100/1E-60A0	MVE 1100/12E-60A0	1,048	1,104	78	72	0.75	0.80	1.42	1.32	3.4	3.3	M25	T4	135 °C
284.8	196.5	MVE 1500/1E-60A0	MVE 1500/12E-60A0	1,590	1,580	84	73	0.90	1.08	1.80	2.00	3.5	3.5	M25	T4	135 °C
299.6	203.5	MVE 1600/1E-70A0	MVE 1600/12E-70A0	1,673	1,636	90	79	0.90	1.08	2.40	2.30	3.9	3.8	M25	T4	135 °C
372.1	248.7	MVE 2100/1E-70A0	MVE 2100/12E-70A0	2,083	2,000	105	91	1.50	1.80	3.00	3.20	4.5	4.6	M25	T4	135 °C
401.0	275.2	MVE 2200/1E-70A0	MVE 2200/12E-70A0	2,239	2,213	107	93	1.50	1.80	3.00	3.20	4.5	4.6	M25	T4	135 °C
447.4	306.7	MVE 2600/1E-75A0	MVE 2600/12E-75A0	2,610	2,466	149	132	1.96	2.10	4.10	4.00	5.0	5.0	M32	T4	135 °C
940.3	679.7	MVE 3000/1E-75A0	MVE 3000/12E-75A0	3,017	3,053	155	138	2.20	2.40	4.50	4.30	5.2	5.2	M32	T4	135 °C
702.5	465.6	MVE 3700/1E-75A0	MVE 3700/12E-75A0	3,797	3,744	155	142	2.20	2.40	4.50	4.30	5.2	5.2	M32	T4	135 °C
680.4	437.6	MVE 3800/1E-80A0	MVE 3800/12E-80A0	3,799	3,517	216	195	2.50	3.00	5.50	5.30	6.1	6.2	M32	T4	135 °C
838.3	584.2	MVE 4700/1E-80A0	MVE 4700/12E-80A0	4,681	4,697	220	201	3.20	3.90	6.50	6.95	5.7	5.9	M32	T4	135 °C
929.9	654.6	MVE 5200/1E-85A0	MVE 5200/12E-85A0	5,192	5,263	264	248	3.80	4.00	6.92	6.36	5.7	5.7	M32	T4	135 °C
1,165.2	824.0	MVE 6500/1E-85A0	MVE 6500/12E-85A0	6,506	6,625	288	265	4.30	5.00	7.76	7.81	6.4	6.2	M32	T4	135 °C
								A max. (A)								
1,434.0	929.8	MVE 8000/1E-85A0	MVE 8000/12E-85A0	8,018	7,476	309	274	5.50	6.60	12.60	11.60	6.2	6.4	M32	T4	135 °C
1,600.4	1,165.2	MVE 9000/1E-85A0	MVE 9000/12E-85A0	8,936	9,369	322	291	6.20	7.45	13.20	12.60	6.5	6.6	M32	T4	135 °C
1,434.0	929.8	MVE 8000/1E-86A0	MVE 8000/12E-86A0	8,007	7,476	309	274	4.40	5.50	9.00	10.00	6.0	6.2	M32	T4	135 °C
1,598.0	1,165.2	MVE 9000/1E-86A0	MVE 9000/12E-86A0	8,923	9,369	322	291	4.40	5.50	9.00	10.00	6.0	6.2	M32	T4	135 °C
1,788.4	1,240.0	MVE 10000/1E-90A0	MVE 10000/12E-90A0	9,984	9,970	374	348	6.10	6.40	14.00	12.70	6.6	6.6	M32	T4	135 °C
2,329.8	1,647.4	MVE 13000/1E-90A0	MVE 13000/12E-90A0	13,009	13,246	411	364	7.50	8.20	16.40	16.00	6.4	6.5	M32	T4	135 °C
1,802.9	1,240.0	MVE 10000/1E-91A0	MVE 10000/12E-91A0	10,067	9,970	373	348	6.40	7.70	13.00	14.50	6.0	6.0	M32	T4	135 °C
2,056.9	1,633.0	MVE 11400/1E-91A0	MVE 11400/12E-91A0	11,485	11,522	404	361	6.40	7.70	13.00	14.50	6.0	6.0	M32	T4	135 °C
2,311.0	1,647.4	MVE 13000/1E-91A0	MVE 13000/12E-91A0	12,904	13,246	411	364	8.00	8.90	17.20	18.10	5.6	6.3	M32	T4	135 °C
2,253	1,550	MVE 12000/1E-100A0	MVE 12000/12E-100A0	12,580	12,466	522	476	8.0	9.5	15.0	15.0	5.0	5.5	M32	T4	135 °C
2,634	1,856	MVE 15000/1E-105A0	MVE 15000/12E-105A0	14,706	14,923	672	630	10.1	12.0	18.0	18.0	5.8	5.8	M32	T4	135 °C
3,220	2,147	MVE 17500/1E-105A0	MVE 17500/12E-105A0	17,980	17,264	744	684	11.9	14.2	21.0	21.0	5.6	5.9	M32	T4	135 °C
3,632	2,525	MVE 19500/1E-105A0	MVE 19500/12E-105A0	20,285	20,299	768	728	12.0	14.5	24.0	24.0	5.4	5.6	M32	T4	135 °C
4,067	2,622	MVE 22000/1E-110A0	MVE 22000/12E-110A0	22,711	21,079	916	868	12.9	17.0	28.0	28.0	4.8	5.3	M32	T4	135 °C
4,572	3,163	MVE 25000/1E-110A0	MVE 25000/12E-110A0	25,532	25,432	994	937	13.9	17.0	28.0	28.0	4.8	5.3	M32	T4	135 °C



UP TO SIZE 60 (NOT INCLUDED)  
60Hz masses = 50Hz masses adjusted at 7%



ABOVE SIZE 60 (INCLUDED)  
Specific masses for 60Hz

To convert kg into Newton: N = 9.81 \* kg



- II 2D Ex tb III C 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 211 - Directive 2014/34/EU



DIMENSIONAL SPECIFICATIONS (mm)

Model		Drawing	Size	C		M		A	B	Ø D	Holes n°	D	E	F	H	I	L	N
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz											
MVE 50/1E-30A0	MVE 50/12E-30A0			C	30A0	274		52		Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 11			4	150	173	15	79	150
MVE 100/1E-30A0	MVE 100/12E-30A0	C	30A0	304		67		Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 11			4	150	173	15	79	150	166	134
MVE 200/1E-40A0	MVE 200/12E-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160		
MVE 300/1E-50A0	MVE 300/12E-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170		
MVE 500/1E-50A0	MVE 500/12E-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 510/1E-50A0	MVE 510/12E-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 800/1E-60A0	MVE 800/12E-60A0	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222		
MVE 1100/1E-60A0	MVE 1100/12E-60A0	D1	60A0	490	446	134	112	140	190	17	4	230	260	26	124	240	218	222
MVE 1500/1E-60A0	MVE 1500/12E-60A0	D1	60A0	566	490.0	172	134	140	190	17	4	230	260	26	124	240	218	222
MVE 1600/1E-70A0	MVE 1600/12E-70A0	D1	70A0	563	501	154	123	155	225	22	4	275	290	30	140	256	250	236
MVE 2100/1E-70A0	MVE 2100/12E-70A0	D1	70A0	623	563	184	154	155	225	22	4	275	290	30	140	256	250	236
MVE 2200/1E-70A0	MVE 2200/12E-70A0	D1	70A0	623		184	155	225	22	4	275	290	30	140	256	250	236	
MVE 2600/1E-75A0	MVE 2600/12E-75A0	D1	75A0	692	584	205	151	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3000/1E-75A0	MVE 3000/12E-75A0	D1	75A0	692	584	205	151	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3700/1E-75A0	MVE 3700/12E-75A0	D1	75A0	734	692	226	205	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3800/1E-80A0	MVE 3800/12E-80A0	D1	80A0	683	603	183	143	180	280	26	4	332	354	32	170	330	312	311
MVE 4700/1E-80A0	MVE 4700/12E-80A0	D1	80A0	733	683	208	183	180	280	26	4	332	354	32	170	330	312	311
MVE 5200/1E-85A0	MVE 5200/12E-85A0	D1	85A0	704	626	170.0	130.0	200	320	28	4	385	402	40	203	394	360	378
MVE 6500/1E-85A0	MVE 6500/12E-85A0	D1	85A0	704		170	200	320	28	4	385	402	40	203	394	360	378	
MVE 8000/1E-85A0	MVE 8000/12E-85A0	D1	85A0	774	704	205	170	200	320	28	4	385	402	40	203	394	360	378
MVE 9000/1E-85A0	MVE 9000/12E-85A0	D1	85A0	774	704	205	170	200	320	28	4	385	402	40	203	394	360	378
MVE 8000/1E-86A0	MVE 8000/12E-86A0	D1	86A0	774		205	200	320	28	4	385	402	40	203	394	360	378	
MVE 9000/1E-86A0	MVE 9000/12E-86A0	D1	86A0	774		205	200	320	28	4	385	402	40	203	394	360	378	
MVE 10000/1E-90A0	MVE 10000/12E-90A0	E1	90A0	908	798	260	205	125	380	39	6	452	415	40	205	394	380	378
MVE 13000/1E-90A0	MVE 13000/12E-90A0	E1	90A0	948	798	280	205	125	380	39	6	452	415	40	205	394	380	378
MVE 10000/1E-91A0	MVE 10000/12E-91A0	E1	91A0	908		260	125	380	39	6	452	415	40	205	394	380	378	
MVE 11400/1E-91A0	MVE 11400/12E-91A0	E1	91A0	908		260	125	380	39	6	452	415	40	205	394	380	378	
MVE 13000/1E-91A0	MVE 13000/12E-91A0	E1	91A0	948		280	125	380	39	6	452	415	40	205	394	380	378	
MVE 12000/1E-100A0	MVE 12000/12E-100A0	E	100	1,020		275	140	440	45	6	530	484	37	232	446	470	424	
MVE 15000/1E-105A0	MVE 15000/12E-105A0	H	105	980		210	140	480	45	8	570	542	48	268	510	560	490	
MVE 17500/1E-105A0	MVE 17500/12E-105A0	H	105	1,060		250	140	480	45	8	570	542	48	268	510	560	490	
MVE 19500/1E-105A0	MVE 19500/12E-105A0	H	105	1,060		250	140	480	45	8	570	542	48	268	510	560	490	
MVE 22000/1E-110A0	MVE 22000/12E-110A0	H	110	1,130		285	140	520	45	8	610	594	42	297	560	560	530	
MVE 25000/1E-110A0	MVE 25000/12E-110A0	H	110	1,130		285	140	520	45	8	610	594	42	297	560	560	530	

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

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



• Class II Div. 2 Group F, G & H  
 • Conform to UL 1004-1, UL 1004-3, UL 6079-31, UL 6079-8, CSA 40079-0, CSA 60079-31, CSA 22.2 N°100, CSA 22.2 N°77

STANDARD

EXPLOSION-PROOF

INCREASED SAFETY

HI-STROKE MILLING