



- » II3 D Ex tD A22 Tx IP66
- » TÜV NORD Statement of Conformity Number TÜV 05 ATEX 2768X
- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



MVE STANDARD RANGE

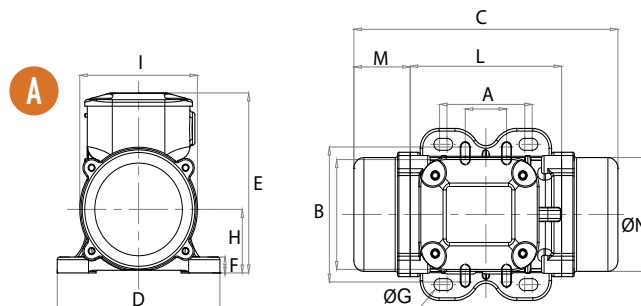
2 POLES - 3000/3600 rpm



Available from:

FILQUIP Pty Limited

5/126 Compton Rd, Underwood,
QLD 4119 Australia
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Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS							CERTIFICATE	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	Input Power (kW)		Nominal Current A max. (Y)		Ia / In		Cable Gland	Class II Div.2	II3D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class
1.31	0.98	MVE 60/3	MVE 60/36	66	71	4.2		0.08	0.09	0.16	0.18	3.00	3.00	M16	T4	100°C
1.96	1.31	MVE 100/3	MVE 100/36	98	95	4.6		0.10	0.11	0.19	0.18	3.00	3.00	M16	T4	100°C
3.72	2.61	MVE 200/3	MVE 200/36	187	189	7.0		0.18	0.21	0.35	0.35	3.30	3.30	M20	T4	100°C
3.72	2.61	MVE 202/3	MVE 202/36	187	189	7.2		0.18	0.21	0.35	0.35	3.30	3.30	M20	T4	100°C
6.39	4.46	MVE 300/3	MVE 300/36	321	323	9.8		0.27	0.28	0.52	0.45	3.60	3.50	M20	T4	100°C
7.96	5.68	MVE 400/3	MVE 400/36	407	411	10.3		0.30	0.36	0.58	0.60	3.50	3.50	M20	T4	100°C
10.27	7.38	MVE 500/3	MVE 500/36	530	534	15.8		0.50	0.58	0.96	0.97	4.00	4.20	M20	T4	100°C
14.90	10.57	MVE 700/3	MVE 700/36	758	765	16.5		0.66	0.75	1.25	1.24	4.30	5.00	M20	T4	100°C
15.68	11.06	MVE 800/3	MVE 800/36	794	800	20.6		0.75	0.90	1.45	1.50	3.80	3.80	M20	T4	100°C
22.41	15.68	MVE 1200/3	MVE 1200/36	1005	1013	21.6		0.95	1.15	1.85	1.95	4.40	4.50	M20	T4	100°C
26.85	18.60	MVE 1300/3	MVE 1300/36	1355	1365	22.0		1.30	1.38	2.44	2.25	5.20	5.00	M20	T4	100°C
26.58	18.60	MVE 1301/3	MVE 1301/36	1355	1365	34		1.30	1.38	2.44	2.25	5.20	5.00	M20	T4	100°C
22.30	22.30	MVE 1310/3	MVE 1310/36	1123	1616	34		1.30	1.38	2.44	2.25	5.20	5.00	M20	T4	100°C
31.26	22.22	MVE 1600/3	MVE 1600/36	1601	1608	51.6	51.2	1.57	1.60	2.94	2.61	5.90	6.20	M25	T4	135°C
36.78	27.60	MVE 2000/3	MVE 2000/36	2027	1997	52.8	52.0	2.00	2.10	3.75	3.42	6.50	6.40	M25	T4	135°C
45.97	31.87	MVE 2300/3	MVE 2300/36	2302	2306	53.6	51.6	2.40	2.45	4.44	3.94	6.00	6.30	M25	T4	135°C
68.10	43.89	MVE 3200/3	MVE 3200/36	3252	3176	103.0	101.4	2.90	2.90	5.30	4.61	8.30	8.20	M32	T4	135°C
79.40	55.99	MVE 4000/3	MVE 4000/36	4033	4052	107.0	103.8	2.90	2.90	5.30	4.61	8.50	9.70	M32	T4	135°C
103.24	69.76	MVE 5000/3	MVE 5000/36	5009	5048	111.2	105.8	4.00	4.00	7.22	6.28	8.50	9.80	M32	T4	135°C
								A max. (Δ)								
129.55	90.54	MVE 6500/3	MVE 6500/36	6510	6552	228.4	229.6	5.50	5.50	9.5	8	8.50	8.80	M32	T4	135°C
179.59	129.55	MVE 9000/3	MVE 9000/36	9025	9375	240.3	234.7	10.00	9.30	14.00	18.00	8.40	8.60	M32	T4	135°C

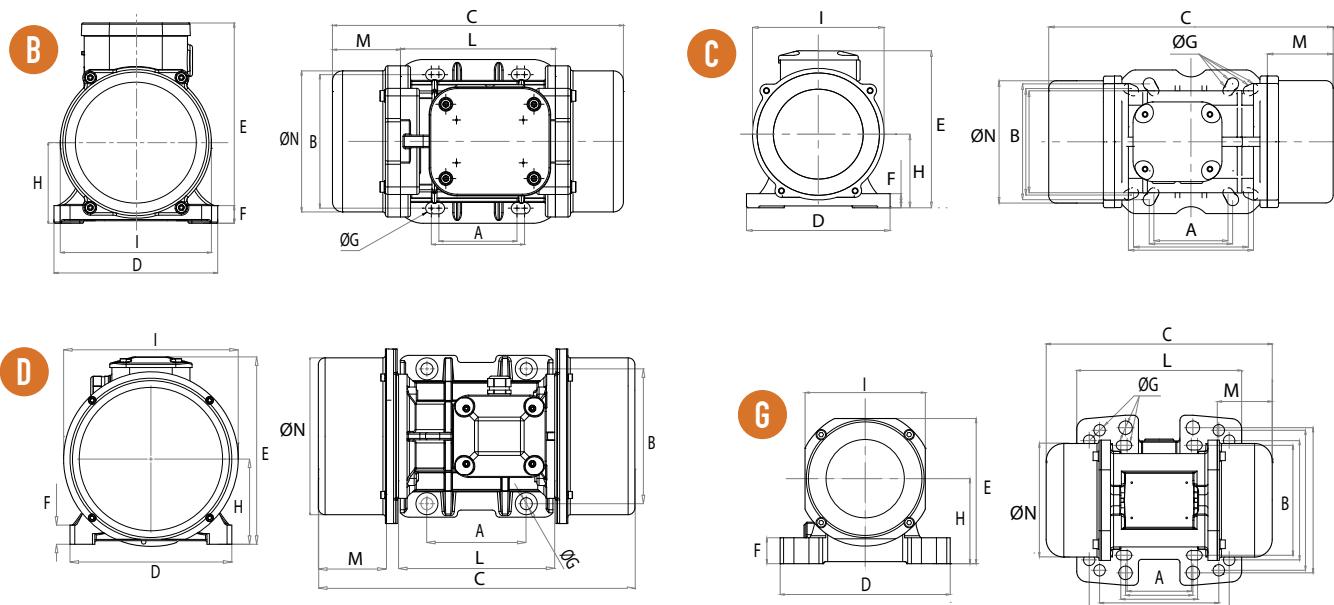


UP TO SIZE 60 (NOT INCLUDED)
60Hz masses = 50Hz masses adjusted at 70%



ABOVE SIZE 60 (INCLUDED)
Specific masses for 60Hz

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



			DIMENSIONAL SPECIFICATIONS (mm)																	
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N		
				50Hz	60Hz	50Hz	60Hz				N°									
MVE 60/3	MVE 60/36	A	10	211	45	Multiple Footprint 62-74 106 9			4	130	136	12	48	94	121	85				
MVE 100/3	MVE 100/36	A	10	211	45	33 83-102 7			4	130	136	12	48	94	121	85				
MVE 200/3	MVE 200/36	B	20	231	54	62-74	106	9	4	131	159	15	64	121	123	112				
MVE 202/3	MVE 202/36	G	23	218	53	Multiple Footprint 62-74 106 9			4	164	140	25	82	116	159	110				
						65	140	13												
						115	135	11												
						135	115	11												
MVE 300/3	MVE 300/36	C	30	253	45	Multiple Footprint 80 110 11			4	154	175	15	79	142	163	131				
MVE 400/3	MVE 400/36	C	30	273	55	90 125 13			4	154	175	15	79	142	163	131				
						124	110	11												
						135	115	11												
MVE 500/3	MVE 500/36	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158				
MVE 700/3	MVE 700/36	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158				
MVE 800/3	MVE 800/36	D	50	321	58	120	170	17	4	208	210	22	94	180	205	170				
MVE 1200/3	MVE 1200/36	D	50	321	58	120	170	17	4	208	210	22	94	180	205	170				
MVE 1300/3	MVE 1300/36	D	50	321	58	120	170	17	4	208	210	22	94	180	205	170				
MVE 1301/3	MVE 1301/36	D	53	321	58	100	180	17	4	236	210	26	98	180	205	170				
MVE 1310/3	MVE 1310/36	D	55	321	58	100	200	17	4	236	210	26	98	180	205	170				
MVE 1600/3	MVE 1600/36	D	60	418	83	140	190	17	4	229	262	30	120	247	220	222				
MVE 2000/3	MVE 2000/36	D	60	418	83	140	190	17	4	229	262	30	120	247	220	222				
MVE 2300/3	MVE 2300/36	D	60	418	83	140	190	17	4	229	262	30	120	247	220	222				
MVE 3200/3	MVE 3200/36	D	75	538	115	155	255	25	4	302	318	35	147	295	273	264				
MVE 4000/3	MVE 4000/36	D	75	538	115	155	255	25	4	302	318	35	147	295	273	264				
MVE 5000/3	MVE 5000/36	D	75	588	538	140	115	155	255	25	4	302	318	35	147	295	273	264		
MVE 6500/3	MVE 6500/36	D	85	605	120	200	320	28	4	378	411	49	199	424	325	378				
MVE 9000/3	MVE 9000/36	D	85	605	120	200	320	28	4	378	411	49	199	424	325	378				

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

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- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



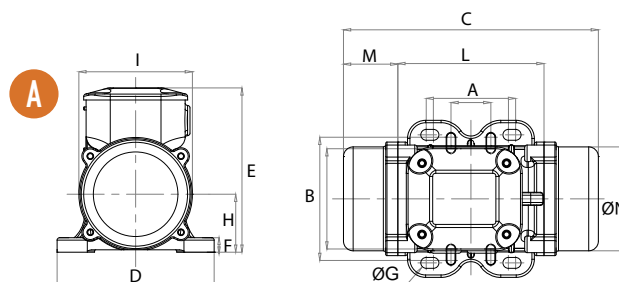
MVE STANDARD RANGE



4 POLES - 1500/1800 rpm

Available from:
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								ELECTRICAL SPECIFICATIONS							CERTIFICATE	
Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		Input Power (kW)		Nominal Current A max. [Y]		Ia / In		Cable Gland	 Class II Div.2	 II3D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class
1.97	1.97	MVE 40/15	MVE 40/18	25	36	4.6		0.04	0.05	0.31	0.31	2.00	2.00	M16	T4	100°C
5.97	4.2	MVE 90/15	MVE 90/18	75	76	7.4		0.12	0.13	0.30	0.30	3.50	3.80	M20	T4	100°C
15.44	10.83	MVE 200/15	MVE 200/18	194	196	11.8		0.16	0.17	0.49	0.50	2.00	2.00	M20	T4	100°C
33.43	23.38	MVE 400/15	MVE 400/18	420	423	19.5		0.30	0.35	0.84	0.86	2.50	2.50	M20	T4	100°C
40.12	28.08	MVE 500/15	MVE 500/18	504	508	21.0		0.35	0.40	1.06	1.09	2.80	2.70	M20	T4	100°C
26.58	18.60	MVE 300/15	MVE 300/18	334	336	22.5		0.62	0.73	1.32	1.41	3.00	3.20	M20	T4	100°C
56.83	39.36	MVE 700/15	MVE 700/18	714	712	27.4		0.62	0.73	1.32	1.41	3.00	3.20	M20	T4	100°C
88.67	62.02	MVE 1100/15	MVE 1100/18	1114	1122	35.8	28	0.65	0.78	1.50	1.70	3.80	3.80	M20	T4	100°C
108.57	76.72	MVE 1400/15	MVE 1400/18	1364	1388	59.8	58.2	0.90	1.10	1.71	1.78	4.00	4.00	M25	T4	135°C
137.31	91.98	MVE 1700/15	MVE 1700/18	1725	1664	61.8	59.4	1.15	1.30	2.16	2.09	4.70	4.50	M25	T4	135°C
187.69	137.36	MVE 2400/15	MVE 2400/18	2358	2485	68.0	62.0	1.60	1.90	3.00	3.20	4.90	4.90	M25	T4	135°C
203.53	135.65	MVE 2500/15	MVE 2500/18	2557	2454	90.0	84.0	1.80	2.00	3.40	3.40	6.00	6.10	M25	T4	135°C
248.66	169.75	MVE 3000/15	MVE 3000/18	3124	3071	97.5	87.0	1.90	2.30	3.70	3.80	6.50	6.60	M25	T4	135°C
306.69	204.74	MVE 3800/15	MVE 3800/18	3853	3704	130.4	118.4	2.20	2.60	4.12	4.15	6.80	6.80	M32	T4	135°C
343.22	240.95	MVE 4300/15	MVE 4300/18	4312	4359	134.4	123.6	2.50	3.00	5.70	5.80	7.00	7.20	M32	T4	135°C
437.39	303.74	MVE 5500/15	MVE 5500/18	5495	5495	192.2	190.0	3.60	3.45	6.50	6.60	7.10	7.00	M32	T4	135°C
										A max. [Δ]						
576.76	397.32	MVE 7200/15	MVE 7200/18	7246	7188	253.0	246.6	5.00	6.00	9.60	9.41	6.80	6.90	M32	T4	135°C
717.97	498.76	MVE 9000/15	MVE 9000/18	9020	9023	268.6	257.8	7.50	8.50	12.00	12.00	7.00	7.00	M32	T4	135°C
800.11	588.30	MVE 10000/15	MVE 10000/18	10052	10643	311.8	297.4	7.80	9.40	13.00	13.00	6.50	6.40	M32	T4	135°C
939.2	655.4	MVE 11500/15	MVE 11500/18	11779	11853	445	422	9	10.5	15.50	15.50	7	7	M32	-	135°C
1142.4	837.6	MVE 14500/15	MVE 14500/18	14352	15153	460	442	11.5	13	18.5	18.5	8	8	M32	-	135°C

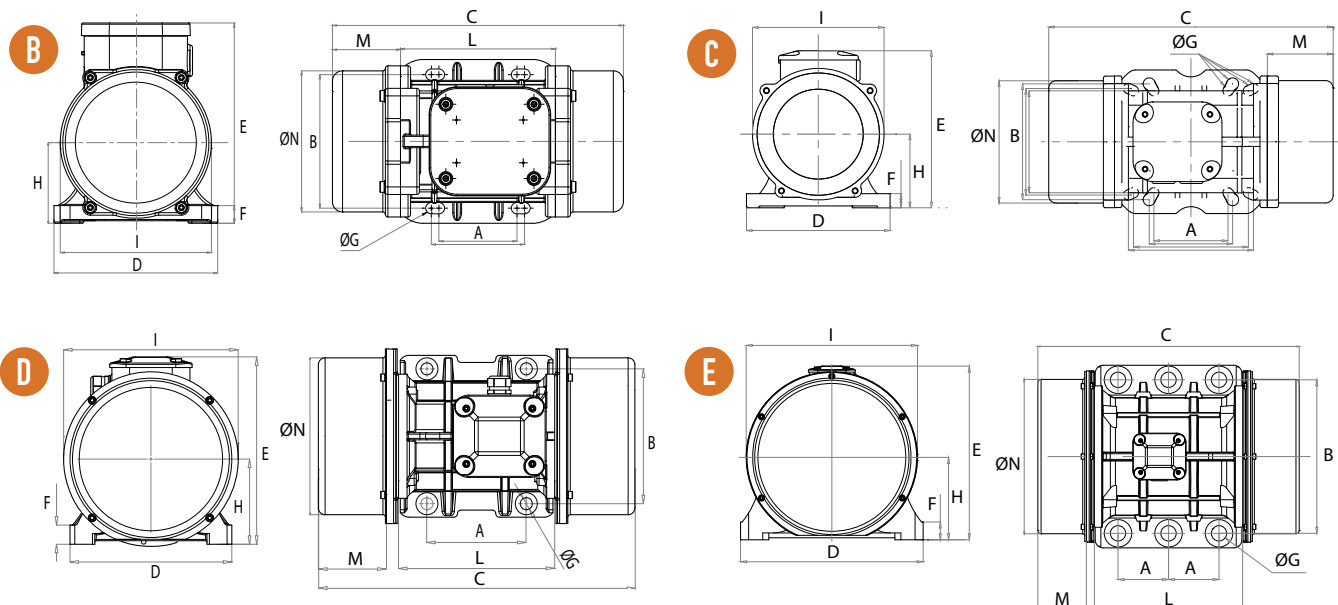


UP TO SIZE 60 (NOT INCLUDED)
60Hz masses = 50Hz masses adjusted at 70%
Except for model MVE 1100/15 - 1100/18



ABOVE SIZE 60 (INCLUDED)
Specific masses for 60Hz

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



			DIMENSIONAL SPECIFICATIONS (mm)																
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N	
				50Hz	60Hz	50Hz	60Hz				N°								
MVE 40/15	MVE 40/18	A	10	211		45		Multiple Footprint 62 - 74 106 9 33 83-102 7			4	130	136	12	48	94	121	85	
MVE 90/15	MVE 90/18	B	20	231		54		62-74	106	9	4	131	159	15	64	121	123	112	
MVE 200/15	MVE 200/18	C	30	273		55		Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 11			4	154	175	15	79	142	163	131	
MVE 400/15	MVE 400/18	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158	
MVE 500/15	MVE 500/18	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158	
MVE 300/15	MVE 300/18	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170	
MVE 700/15	MVE 700/18	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170	
MVE 1100/15	MVE 1100/18	D	50	451	391	123	93	120	170	17	4	208	210	22	94	180	205	170	
MVE 1400/15	MVE 1400/18	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222	
MVE 1700/15	MVE 1700/18	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222	
MVE 2400/15	MVE 2400/18	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222	
MVE 2500/15	MVE 2500/18	D	70	522	486	123	105	155	225	22	4	272	295	40	140	267	250	235	
MVE 3000/15	MVE 3000/18	D	70	522	486	123	105	155	225	22	4	272	295	40	140	267	250	235	
MVE 3800/15	MVE 3800/18	D	75	588	538	140	115	155	255	23.5	4	302	318	35	147	295	273	264	
MVE 4300/15	MVE 4300/18	D	75	588		140		155	255	23.5	4	302	318	35	147	295	273	264	
MVE 5500/15	MVE 5500/18	D	80	603		130		180	280	26	4	332	360	37	167	345	304	310	
MVE 7200/15	MVE 7200/18	D	85	608		120		200	320	28	4	378	411	49	200	424	325	378	
MVE 9000/15	MVE 9000/18	D	85	608		120		200	320	28	4	378	411	49	200	424	325	378	
MVE 10000/15	MVE 10000/18	E	90	726	646	160	120	125	380	39	6	452	430	44	204	422	367	378	
MVE 11500/15	MVE 11500/18	E	100	890		210		140	440	45	6	530	484	37	232	446	470	424	
MVE 14500/15	MVE 14500/18	E	100	890		210		140	440	45	6	530	484	37	232	446	470	424	

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

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- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



MVE STANDARD RANGE



6 POLES - 1000/1200 rpm



*1

Available from:
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*2

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS							CERTIFICATE	
								Input Power (kW)		Nominal Current A max. (Y)		Ia / In		Cable Gland	Class II Div.2	II 3D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class
9.49	6.59	MVE 50/1	MVE 50/12	53	53	10.4		0.12	0.14	0.40	0.50	2.00	2.00	M20	T4	100°C
18.80	13.18	MVE 100/1	MVE 100/12	105	106	12.2		0.12	0.14	0.40	0.50	2.00	2.00	M20	T4	100°C
33.49	23.38	MVE 200/1	MVE 200/12	187	188	19.6		0.18	0.21	0.53	0.51	2.00	2.00	M20	T4	100°C
56.93	39.85	MVE 300/1	MVE 300/12	318	320	26.6		0.35	0.38	0.67	0.64	2.50	2.50	M20	T4	100°C
91.88	64.32	MVE 500/1	MVE 500/12	513	517	34.0		0.35	0.40	1.20	1.15	2.80	2.70	M20	T4	100°C
91.88	91.88	MVE 510/1	MVE 510/12	513	739	34.5		0.35	0.40	1.20	1.15	2.80	2.70	M20	T4	100°C
137.37	108.58	MVE 800/1	MVE 800/12	767	873	61.8	59.4	0.75	0.80	1.42	1.32	3.20	3.10	M25	T4	135°C
187.69	137.31	MVE 1100/1	MVE 1100/12	1048	1104	79.4	73.0	0.75	0.80	1.42	1.32	3.20	3.10	M25	T4	135°C
284.76	196.51	MVE 1500/1	MVE 1500/12	1590	1580	83.6	76.5	1.10	1.30	2.10	2.00	3.30	3.30	M25	T4	135°C
299.63	203.47	MVE 1600/1	MVE 1600/12	1673	1636	99.8	89.0	1.10	1.30	2.83	3.22	3.70	3.60	M25	T4	135°C
373.05	248.74	MVE 2100/1	MVE 2100/12	2083	2000	114.3	100.5	1.50	1.80	3.00	3.00	4.30	4.40	M25	T4	135°C
467.44	306.70	MVE 2600/1	MVE 2600/12	2610	2466	148.6	131.5	1.96	2.10	3.63	3.38	4.80	4.80	M32	T4	135°C
540.33	379.71	MVE 3000/1	MVE 3000/12	3017	3053	155.4	137.8	2.20	2.40	4.50	4.30	5.00	5.00	M32	T4	135°C
939.60	657.90	MVE 5210/1	MVE 5210/12	5237	5290	225	191	3.80	4	6.92	6.36	5.50	5.50	M25	T4	135°C
680.38	437.41	MVE 3800/1	MVE 3800/12	3799	3517	215.6	194.8	2.50	3.00	4.67	4.88	5.90	6.00	M32	T4	135°C
838.34	584.17	MVE 4700/1	MVE 4700/12	4681	4697	230.8	212.4	3.20	3.90	6.50	6.00	5.50	5.70	M32	T4	135°C
929.86	654.57	MVE 5200/1	MVE 5200/12	5192	5263	279.8	264.2	3.80	4.00	6.92	6.36	5.50	5.50	M32	T4	135°C
1165.19	823.96	MVE 6500/1	MVE 6500/12	6506	6625	304.4	280.7	4.30	5.00	7.76	7.81	6.20	6.00	M32	T4	135°C
								A max. (Δ)								
1435.98	929.80	MVE 8000/1	MVE 8000/12	8018	7476	325.2	290	7.10	7.50	12.60	11.60	6.00	6.20	M32	T4	135°C
1600.39	1165.23	MVE 9000/1	MVE 9000/12	8936	9369	337.8	307.6	7.50	8.30	13.20	12.60	6.30	6.20	M32	T4	135°C
1788.44	1239.98	MVE 10000/1	MVE 10000/12	9986	9970	385.8	359.3	7.60	8.00	13.50	12.70	6.40	6.40	M32	T4	135°C
2329.84	1647.42	MVE 13000/1	MVE 13000/12	13009	13246	422.2	375.6	10.00	10.00	17.00	16.00	6.20	6.3	M32	T4	135°C
2253	1550	MVE 12000/1	MVE 12000/12	12580	12466	522	476	7.99	9.50	15.00	15.00	5	5.5	M32	-	135°C
2634	1856	MVE 15000/1	MVE 15000/12	14706	14923	672	630	10.09	12.00	18.00	18.00	5.8	5.8	M32	-	135°C
3220	2147	MVE 17500/1	MVE 17500/12	17980	17264	744	684	11.92	14.20	21.00	21.00	5.6	5.9	M32	-	135°C
3632	2525	MVE 19500/1	MVE 19500/12	20285	20299	768	728	11.96	14.50	24.00	24.00	5.4	5.6	M32	-	135°C
4067	2622	MVE 22000/1	MVE 22000/12	22711	21079	916	868	13.95	17.00	28.00	28.00	4.8	5.3	M32	-	135°C
4572	3163	MVE 25000/1	MVE 25000/12	25532	25432	994	937	13.95	17.00	28.00	28.00	4.8	5.3	M32	-	135°C

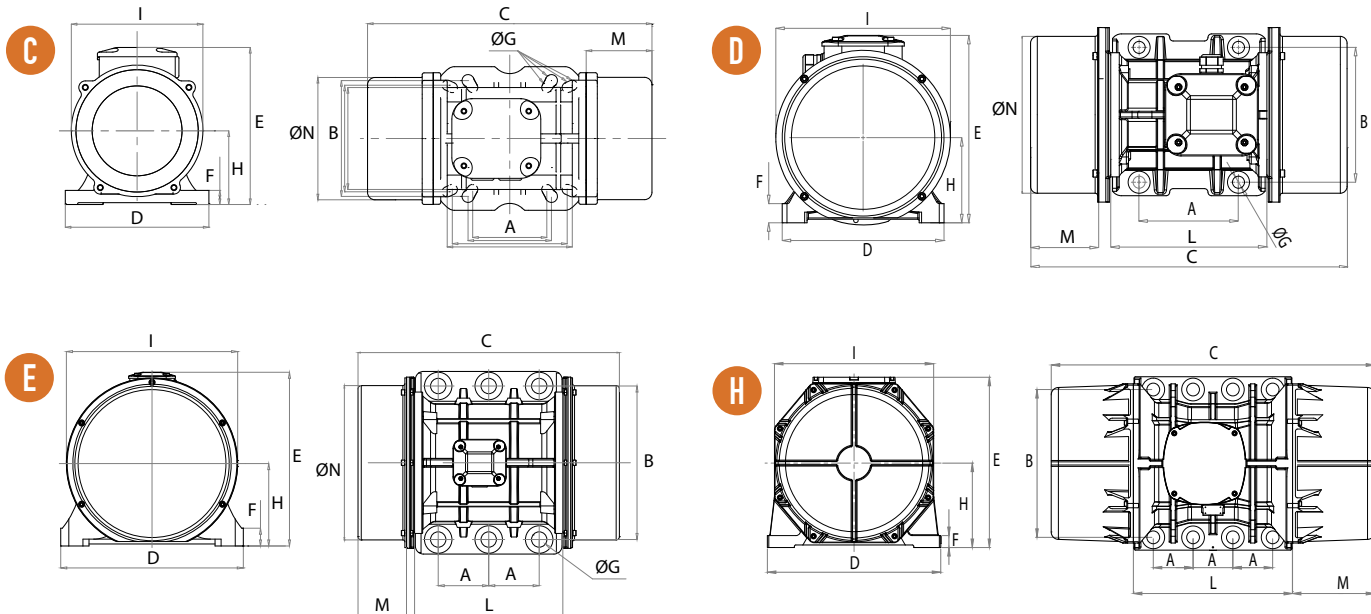


UP TO SIZE 60 (NOT INCLUDED)
60Hz masses = 50Hz masses adjusted at 70%



ABOVE SIZE 60 (INCLUDED)
Specific masses for 60Hz

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



				DIMENSIONAL SPECIFICATIONS (mm)														
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				N°							
MVE 50/1	MVE 50/12	C	30	273	55	Multiple Footprint			4	154	175	15	79	142	163	131		
						80	110	11										
						90	125	13										
MVE 100/1	MVE 100/12	C	30	303	70				4	154	175	15	79	142	163	131		
						124	110	11										
						135	115	11										
MVE 200/1	MVE 200/12	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158		
MVE 300/1	MVE 300/12	D	50	391	93	120	170	17	4	208	210	22	94	180	205	170		
MVE 500/1	MVE 500/12	D	50	451	123	120	170	17	4	208	210	22	94	180	205	170		
MVE 510/1	MVE 510/12	D	50	451	123	120	170	17	4	208	210	22	94	180	205	170		
MVE 800/1	MVE 800/12	D	60	446	96	140	190	17	4	229	262	30	120	247	220	222		
MVE 1100/1	MVE 1100/12	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 1500/1	MVE 1500/12	D	60	562	510	154	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1600/1	MVE 1600/12	D	70	556	522	140	123	155	225	22	4	272	295	40	140	267	250	235
MVE 2100/1	MVE 2100/12	D	70	616	556	170	140	155	225	22	4	272	295	40	140	267	250	235
MVE 2600/1	MVE 2600/12	D	75	708	588	200	140	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3000/1	MVE 3000/12	D	75	708	608	200	150	155	255	23.5	4	302	318	35	147	295	273	264
MVE 5210/1	MVE 5210/12	E	78	794		242		105	248	22	6	300	335	30	163	305	310	284
MVE 3800/1	MVE 3800/12	D	80	683	603	170	130	180	280	26	4	332	360	37	167	345	304	310
MVE 4700/1	MVE 4700/12	D	80	733	683	195	170	180	280	26	4	332	360	37	167	345	304	310
MVE 5200/1	MVE 5200/12	D	85	688	605	160	120	200	320	28	4	378	411	49	200	424	325	378
MVE 6500/1	MVE 6500/12	D	85	688		160		200	320	28	4	378	411	49	200	424	325	378
MVE 8000/1	MVE 8000/12	D	85	788	688	210	160	200	320	28	4	378	411	49	200	424	325	378
MVE 9000/1	MVE 9000/12	D	85	788	688	210	160	200	320	28	4	378	411	49	200	424	325	378
MVE 10000/1	MVE 10000/12	E	90	826		210		125	380	39	6	452	430	44	204	422	367	378
MVE 13000/1	MVE 13000/12	E	90	926	826	260	210	125	380	39	6	452	430	44	204	422	367	378
MVE 12000/1	MVE 12000/12	E	100	1020		275		140	440	45	6	530	484	37	232	446	470	424
MVE 15000/1	MVE 15000/12	H	105	980		210		140	480	45	8	570	542	48	268	510	560	490
MVE 17500/1	MVE 17500/12	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 19500/1	MVE 19500/12	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 22000/1	MVE 22000/12	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530
MVE 25000/1	MVE 25000/12	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530

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

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- » II3 D Ex tD A22 Tx IP66
- » TÜV NORD Statement Conformity Number TÜV 05 ATEX 2768X
- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



MVE STANDARD RANGE



8 POLES - 750/900 rpm



*1



*2

Available from:
FILQUIP Pty Limited

5/126 Compton Rd, Underwood,
Qld 4119 Australia
Ph: +61 7 3208 3499 Fx: +61 7 3208 3449
Email: sales@filquip.com.au
www.filquip.com.au

								ELECTRICAL SPECIFICATIONS							CERTIFICATE	
								Input Power (kW)		Nominal Current A max. (Y)		Ia / In		Cable Gland	 Class II Div.2	 Ex II3D
Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	Temp. Class	Temp. Class
33.39		MVE 150/075	MVE 150/090	105	151	21.4		0.23	0.25	1.14	1.14	1.5	1.5	M20	T4	100°C
56.93		MVE 250/075	MVE 250/090	179	257	29.5		0.35	0.38	1.15	1.15	1.7	1.7	M20	T4	100°C
84.02		MVE 400/075	MVE 400/090	264	380	35.0		0.35	0.38	1.15	1.15	1.9	1.9	M20	T4	100°C
137.31		MVE 650/075	MVE 650/090	431	621	64.7		0.50	0.60	1.20	1.20	2.2	2.2	M25	T4	135°C
187.72		MVE 900/075	MVE 900/090	589	849	71.0		0.65	0.78	1.23	1.29	2.5	2.5	M25	T4	135°C
299.60		MVE 1300/075	MVE 1300/090	941	1355	99.8		1.20	1.10	2.50	1.83	3.0	3.0	M25	T4	135°C
467.41		MVE 2100/075	MVE 2100/090	1468	2114	150.4		1.50	1.80	2.81	2.89	4.2	4.1	M32	T4	135°C
680.34		MVE 3100/075	MVE 3100/090	2137	3077	212.2		2.00	2.30	3.79	3.77	4.0	4.0	M32	T4	135°C
838.43		MVE 3800/075	MVE 3800/090	2633	3792	230.2		2.50	3.00	6.00	6.00	3.9	4.0	M32	T4	135°C
929.74		MVE 4200/075	MVE 4200/090	2920	4205	284.5		2.90	3.40	6.50	6.50	3.8	3.7	M32	T4	135°C
1165.22		MVE 5300/075	MVE 5300/090	3660	5270	305		4.00	4.30	8.50	8.00	3.8	4.2	M32	T4	135°C
1435.85		MVE 6500/075	MVE 6500/090	4510	6494	324.4		5.00	5.90	10.00	10.00	3.6	4.0	M32	T4	135°C
										A max. (Δ)						
2200.43		MVE 10000/075	MVE 10000/090	6911	9952	422.2		6.80	7.50	13.50	12.5	3.5	4.2	M32	T4	135°C
2835	2553	MVE 12000/075	MVE 12000/090	8904	11546	571	553	7.5	8	13.5	13,5	3.8	4.0	M32	-	135°C
3713	3220	MVE 14000/075	MVE 14000/090	11661	14563	751	725	9.0	10,6	19	19	4.5	5.0	M32	-	135°C
4401	3920	MVE 17000/075	MVE 17000/090	13822	17729	812	792	9.1	11	20	20	5.3	5.8	M32	-	135°C
5857	4999	MVE 22000/075	MVE 22000/090	18395	22610	982	937	13.8	16.5	28	28	5.6	5.2	M32	-	135°C
-	5857	NA	MVE 26000/090	-	26489	-	982	-	16.5	-	28	-	5.2	M32	-	135°C

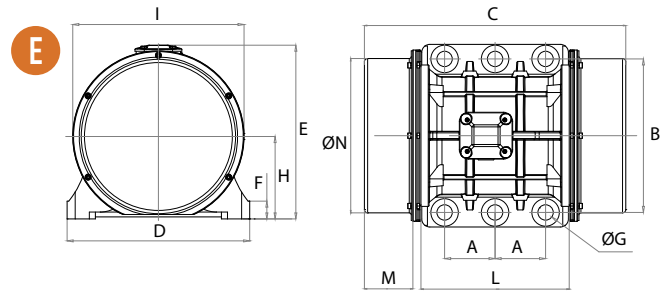
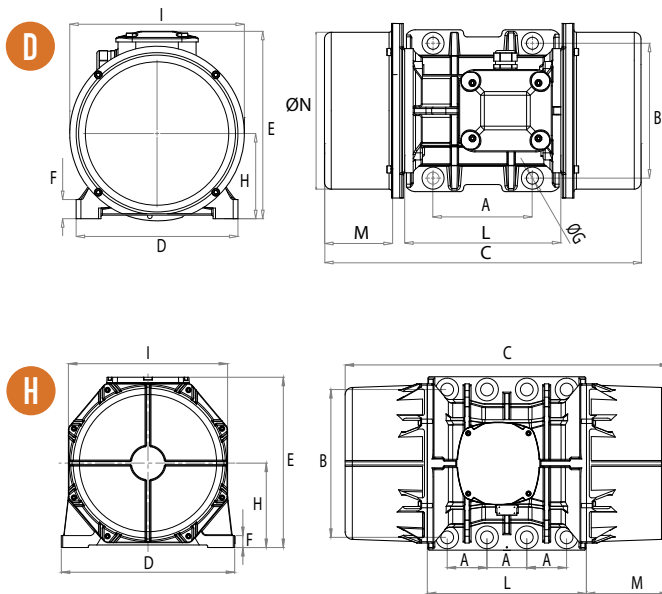


UP TO SIZE 90 (INCLUDED)
60Hz masses = 50Hz masses adjusted at 100%



ABOVE SIZE 90 (NOT INCLUDED)
Specific masses for 60Hz

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



			DIMENSIONAL SPECIFICATIONS (mm)															
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				N°							
MVE 150/075	MVE 150/090	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158		
MVE 250/075	MVE 250/090	D	50	391	93	120	170	17	4	208	210	22	94	180	205	170		
MVE 400/075	MVE 400/090	D	50	451	123	120	170	17	4	208	210	22	94	180	205	170		
MVE 650/075	MVE 650/090	D	60	446	96	140	190	17	4	229	262	30	120	247	220	222		
MVE 900/075	MVE 900/090	D	60	510	129	140	190	17	4	229	262	30	120	247	220	222		
MVE 1300/075	MVE 1300/090	D	70	556	140	155	225	22	4	272	295	40	140	267	250	235		
MVE 2100/075	MVE 2100/090	D	75	708	200	155	255	23.5	4	302	318	35	147	295	273	264		
MVE 3100/075	MVE 3100/090	D	80	683	170	180	280	26	4	332	360	37	167	345	304	310		
MVE 3800/075	MVE 3800/090	D	80	733	195	180	280	26	4	332	360	37	167	345	304	310		
MVE 4200/075	MVE 4200/090	D	85	688	160	200	320	28	4	378	410	49	199	422	325	378		
MVE 5300/075	MVE 5300/090	D	85	688	160	200	320	28	4	378	410	49	199	422	325	378		
MVE 6500/075	MVE 6500/090	D	85	788	210	200	320	28	4	378	410	49	199	422	325	378		
MVE 10000/075	MVE 10000/090	E	90	926	260	125	380	39	6	452	430	44	204	422	367	378		
MVE 12000/075	MVE 12000/090	E	100	1020	275	140	440	45	6	530	484	37	232	446	470	424		
MVE 14000/075	MVE 14000/090	H	105	1060	250	140	480	45	8	570	542	48	268	510	560	490		
MVE 17000/075	MVE 17000/090	H	105	1120	280	140	480	45	8	570	542	48	268	510	560	490		
MVE 22000/075	MVE 22000/090	H	110	1130	285	140	520	45	8	610	594	42	297	560	560	530		
NA	MVE 26000/090	H	110	1130	285	140	520	45	8	610	594	42	297	560	560	530		

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

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- » II3 D Ex tD A22 Tx IP66
- » TÜV NORD Statement Conformity Number TÜV 05 ATEX 2768X
- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 22] - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



MVE STANDARD RANGE



2 POLES SINGLE-PHASE - 3000/3600 rpm



*1

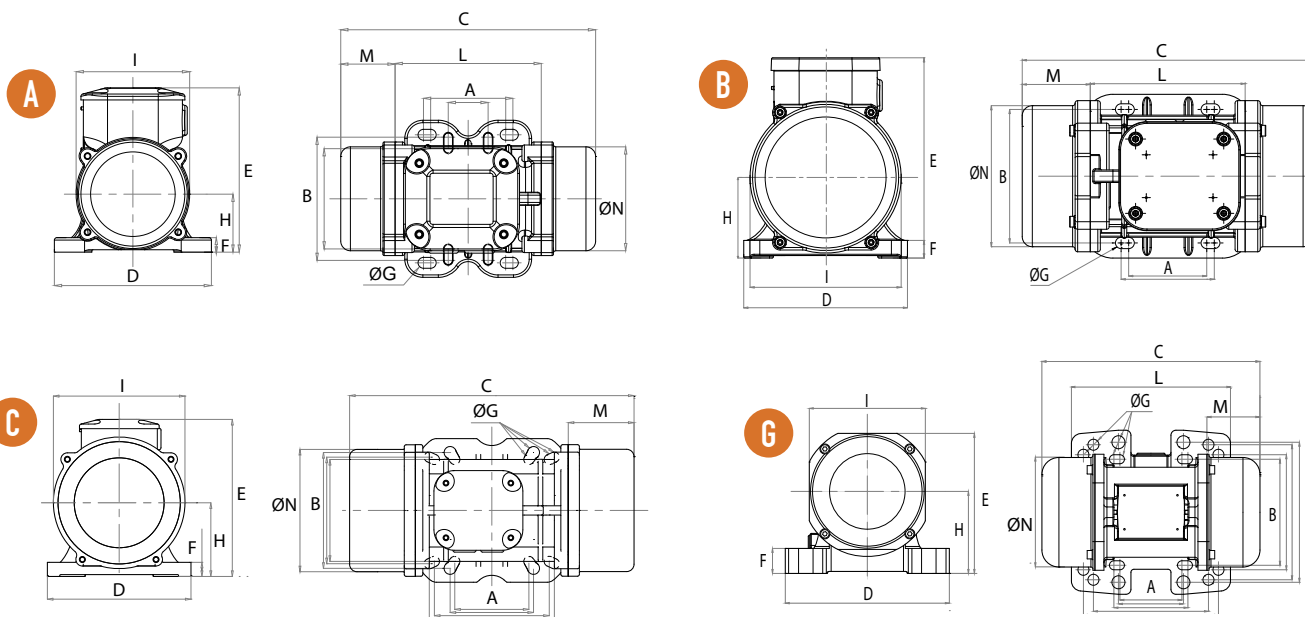
Available from:
FILQUIP Pty Limited

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QLD 4119 Australia
Ph: +61 7 3208 3499 Fax: +61 7 3208 3449
Email: sales@filquip.com.au
www.filquip.com.au

								ELECTRICAL SPECIFICATIONS										CERTIFICATE	
Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		Input Power (kW)		Nominal Current A max		Ia / In		Cable Gland	Capacitor *		 Class II Div.2	 Ex II3D	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (230V)	60Hz (115V)	50Hz	60Hz	Metric	50Hz (230V)	60Hz (115V)	Temp. Class	Temp. Class	
1.31	0.98	MVE 60/3M		66	71	4.2		0.08	0.09	0.43	3.0	3.0	3.0	M16	3 µF	6.3 µF	T4	100°C	
1.96	1.31	MVE 100/3M		98	95	4.6		0.1	0.11	0.54	3.0	3.0	3.0	M16	4 µF	8 µF	T4	100°C	
3.72	2.61	MVE 200/3M		187	189	7.0		0.18	0.21	1.14	3.30	3,3	3.30	M20	8 µF	16 µF	T4	100°C	
3.72	2.61	MVE 202/3M		187	189	7.2		0.18	0.21	1.14	3.30	3,3	3.30	M20	8 µF	16 µF	T4	100°C	
6.39	4.46	MVE 300/3M		321	323	9.8		0.27	0.28	1.58	3.50	3.60	3.50	M20	12.5 µF	25 µF	T4	100°C	

* NOTE: Capacitor not supplied with vibrator (to be ordered separately)

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



			DIMENSIONAL SPECIFICATIONS (mm)															
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				N°							
MVE 60/3M		A	10	211	45	Multiple Footprint 62-74 106 9			4	130	136	12	48	94	121	85		
MVE 100/3M		A	10	211	45	33 83-102 7			4	130	136	12	48	94	121	85		
MVE 200/3M		B	20	231	54	62-74	106	9	4	131	159	15	64	121	123	112		
MVE 202/3M		G	23	218	53	Multiple Footprint 62-74 106 9			4	164	140	25	82	116	159	110		
						65	140	13										
						115	135	11										
						135	115	11										
MVE 300/3M		C	30	273	55	Multiple Footprint 80 110 11			4	154	175	15	79	142	163	131		
						90	125	13										
						124	110	11										
						135	115	11										

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

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STANDARD

EXPLOSION-PROOF

HI-STROKE MILLING