

# موتور ویبره 1000rpm OLI



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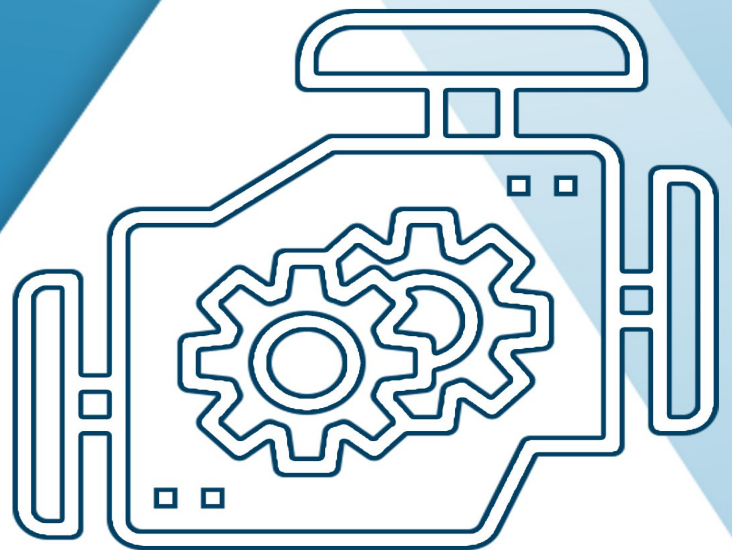


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Catalog 2021



## Vibration motor



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# MVE STANDARD RANGE

## 6 POLES - 1000/1200 rpm



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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 2D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	Metric	Temp. Class	Temp. Class
9.5	6.6	MVE 50/1E-30A0	MVE 50/12E-30A0	53	53	10									T4	100 °C
18.8	13.2	MVE 100/1E-30A0	MVE 100/12E-30A0	105	106	11									T4	100 °C
33.5	23.4	MVE 200/1E-40A0	MVE 200/12E-40A0	187	188	19	0.15	0.18	0.65	0.63	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	0.75	0.80	1.42	1.32	3.4	3.3	M25	T4	135 °C	
187.7	137.3	MVE 1100/1E-60A0	MVE 1100/12E-60A0	1,048	1,104	78	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	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	0.90	1.08	2.40	2.30	3.9	3.8	M25	T4	135 °C	
373.1	248.7	MVE 2100/1E-70A0	MVE 2100/12E-70A0	2,083	2,000	105	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	1.50	1.80	3.00	3.20	4.5	4.6	M25	T4	135 °C	
467.4	306.7	MVE 2600/1E-75A0	MVE 2600/12E-75A0	2,610	2,466	149	1.96	2.10	4.10	4.00	5.0	5.0	M32	T4	135 °C	
540.3	379.7	MVE 3000/1E-75A0	MVE 3000/12E-75A0	3,017	3,053	155	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	2.20	2.40	4.50	4.30	5.2	5.2	M32	T4	135 °C	
680.4	437.4	MVE 3800/1E-80A0	MVE 3800/12E-80A0	3,799	3,517	216	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	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	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	4.30	5.00	7.76	7.81	6.4	6.2	M32	T4	135 °C	
												A max. (Δ)				
1,436.0	929.8	MVE 8000/1E-85A0	MVE 8000/12E-85A0	8,018	7,476	309	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	6.20	7.45	13.20	12.60	6.5	6.4	M32	T4	135 °C	
1,434.0	929.8	MVE 8000/1E-86A0	MVE 8000/12E-86A0	8,007	7,476	309	4.60	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	4.60	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	9,986	9,970	374	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	7.50	8.30	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	6.40	7.70	13.00	14.50	6.0	6.0	M32	T4	135 °C	
2,056.9	1,433.0	MVE 11400/1E-91A0	MVE 11400/12E-91A0	11,485	11,522	404	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	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	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	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	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	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	13.9	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	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 70%



ABOVE SIZE 60 (INCLUDED)  
Specific masses for 60Hz

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



- » 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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Technical drawings in the last page →

Model		Drawing	Size	DIMENSIONAL SPECIFICATIONS (mm)																
				C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N		
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz				n°									
MVE 50/1E-30A0	MVE 50/12E-30A0	C	30A0	274		52		Multiple Footprint			4	150	173	15	79	150	166	134		
								80	110	11										
								90	125	13										
								124	110	11										
MVE 100/1E-30A0	MVE 100/12E-30A0	C	30A0	304		67		Multiple Footprint			4	150	173	15	79	150	166	134		
								80	110	11										
								90	125	13										
								124	110	11										
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	624	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		

STANDARD  
EXPLOSION-PROOF  
INCREASED SAFETY  
HI-STROKE MILLING

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

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» 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