

# MVE STANDARD RANGE



## 2 POLES - 3000/3600 rpm

Class II Div.2: Temp. Class **T4**  
ExII 2D Temp. Class: ● 100 °C ● 135 °C

\* Terminal Connections: **Y** High Voltage; **Δ** Low Voltage

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS								
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	Input Power (kW)		Standard Nominal Current		* Terminal Connection	Ia/In		Cable Gland	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)		50Hz	60Hz	Metric	
1.3	1.0	MVE 60/3E-10A0	MVE 60/36E-10A0	66	71	4		0.09	0.09	0.25	0.23	Y	3.2	3.2	M16	●
2.0	1.3	MVE 100/3E-10A0	MVE 100/36E-10A0	98	95	5		0.09	0.09	0.25	0.23	Y	3.2	3.2	M16	●
3.7	2.6	MVE 200/3E-20A0	MVE 200/36E-20A0	187	189	7		0.15	0.18	0.35	0.30	Y	3.5	3.5	M20	●
3.7	2.6	MVE 200/3E-23A0	MVE 200/36E-23A0	187	189	7		0.15	0.18	0.35	0.30	Y	3.5	3.5	M20	●
6.4	4.5	MVE 300/3E-30A0	MVE 300/36E-30A0	321	323	10		0.25	0.28	0.52	0.45	Y	3.8	3.7	M20	●
8.0	5.7	MVE 400/3E-30A0	MVE 400/36E-30A0	407	411	10		0.27	0.33	0.58	0.60	Y	3.7	3.7	M20	●
10.3	7.4	MVE 500/3E-40A0	MVE 500/36E-40A0	530	534	16		0.50	0.58	0.96	0.97	Y	4.2	4.4	M20	●
14.9	10.6	MVE 700/3E-40A0	MVE 700/36E-40A0	758	765	17		0.59	0.61	1.25	1.24	Y	4.5	5.2	M20	●
15.7	11.1	MVE 800/3E-50A0	MVE 800/36E-50A0	794	800	20		0.70	0.84	1.45	1.50	Y	4.0	4.0	M20	●
20.3	14.0	MVE 1200/3E-50A0	MVE 1200/36E-50A0	1,005	1,013	21		0.95	1.15	1.85	1.95	Y	4.6	4.7	M20	●
26.6	18.6	MVE 1300/3E-50A0	MVE 1300/36E-50A0	1,355	1,365	22		1.30	1.38	2.44	2.25	Y	5.4	5.2	M20	●
31.3	22.2	MVE 1600/3E-60A0	MVE 1600/36E-60A0	1,601	1,608	51	50	1.54	1.60	2.94	2.61	Y	6.1	6.4	M25	●
36.8	27.6	MVE 2000/3E-60A0	MVE 2000/36E-60A0	2,027	1,997	52	50	2.10	2.10	3.75	3.42	Y	6.7	6.6	M25	●
46.0	31.9	MVE 2300/3E-60A0	MVE 2300/36E-60A0	2,302	2,306	53	51	2.40	2.45	4.44	3.45	Y	6.2	6.5	M25	●
68.1	43.9	MVE 3200/3E-75A1	MVE 3200/36E-75A1	3,252	3,176	103	101	2.76	2.90	5.30	4.61	Y	8.5	8.4	M32	●
79.4	56.0	MVE 4000/3E-75A1	MVE 4000/36E-75A1	4,033	4,052	107	104	2.90	2.90	5.30	4.61	Y	8.7	9.9	M32	●
103.2	69.8	MVE 5000/3E-75A1	MVE 5000/36E-75A1	5,009	5,048	111	106	4.00	4.00	7.22	6.28	Y	8.7	10.0	M32	●
129.6	90.5	MVE 6500/3E-85A0	MVE 6500/36E-85A0	6,510	6,552	228	230	5.23	5.50	9.43	8.20	Δ	8.7	9.0	M32	●
179.6	129.6	MVE 9000/3E-85A0	MVE 9000/36E-85A0	9,025	9,375	240	235	9.50	9.30	17.80	14.40	Δ	8.6	8.8	M32	●
129.6	90.5	MVE 6500/3E-86A0	MVE 6500/36E-86A0	6,510	6,552	228	230	5.50	6.30	9.50	9.50	Δ	8.2	7.7	M32	●
179.6	129.6	MVE 9000/3E-86A0	MVE 9000/36E-86A0	9,025	9,375	240	235	6.60	7.70	11.50	11.50	Δ	8.2	8.2	M32	●

SIZE 10A0



SIZE 60A0



SIZE 105A0



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

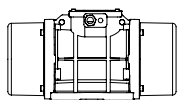


ABOVE SIZE 60 (INCLUDED)  
Specific masses for 60Hz

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



Technical drawings in the last page →

STANDARD

INCREASED SAFETY

EXPLOSION-PROOF

GRAIN PROCESSING

SCREEN VIBRATOR

STAINLESS STEEL

Model		Drawing	Size	DIMENSIONAL SPECIFICATIONS (mm)															
				C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N	
50Hz	60Hz			50Hz	60Hz					n°									
MVE 60/3E-10A0	MVE 60/36E-10A0	A1	10A0	213	45	Multiple Footprint			4	130	135	11	50	96	107	85			
						62-74	106	9									33	83-102	7
MVE 100/3E-10A0	MVE 100/36E-10A0	A1	10A0	213	45	Multiple Footprint			4	130	135	11	50	96	107	85			
						62-74	106	9									33	83-102	7
MVE 200/3E-20A0	MVE 200/36E-20A0	B1	20A0	233	54	62-74	106	9	4	130	154	15	65	125	120	112			
MVE 200/3E-23A0	MVE 200/36E-23A0	G	23A0	222	55	Multiple Footprint			4	164	140	25	82	116	159	110			
						62-74	106	9									65	140	13
						65	140	13									115	135	11
						115	135	11									135	115	11
MVE 300/3E-30A0	MVE 300/36E-30A0	C1	30A0	254	42	Multiple Footprint			4	150	173	15	79	150	166	134			
						80	110	11									90	125	13
						90	125	13									124	110	11
						124	110	11									135	115	11
MVE 400/3E-30A0	MVE 400/36E-30A0	C1	30A0	274	52	Multiple Footprint			4	150	173	15	79	150	166	134			
						80	110	11									90	125	13
						90	125	13									124	110	11
						124	110	11									135	115	11
MVE 500/3E-40A0	MVE 500/36E-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158			
MVE 700/3E-40A0	MVE 700/36E-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158			
MVE 800/3E-50A0	MVE 800/36E-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1200/3E-50A0	MVE 1200/36E-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1300/3E-50A0	MVE 1300/36E-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1600/3E-60A0	MVE 1600/36E-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 2000/3E-60A0	MVE 2000/36E-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 2300/3E-60A0	MVE 2300/36E-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 3200/3E-75A1	MVE 3200/36E-75A1	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265			
MVE 4000/3E-75A1	MVE 4000/36E-75A1	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265			
MVE 5000/3E-75A1	MVE 5000/36E-75A1	D1	75A1	564	516	141	117	155	255	25	4	304	314	30	147	285	277	265	
MVE 6500/3E-85A0	MVE 6500/36E-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378			
MVE 9000/3E-85A0	MVE 9000/36E-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378			
MVE 6500/3E-86A0	MVE 6500/36E-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378			
MVE 9000/3E-86A0	MVE 9000/36E-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378			

Notes:

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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