

# MVE-Exe INCREASED SAFETY



## 2 POLES - 3000/3600 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS						CERTIFICATE				
								Input Power (kW)		Nominal Current A max. (Y)		Ia/In		Cable Gland	Ex e	Class II Div.2	II 2G	II 2D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (Kg)	60Hz (Kg)	50 Hz	60 Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	tE	Temp. Class	Temp. Class	Temp. Class
3.7	2.6	MVE 200/3X-20A0	MVE 200/36X-20A0	187	189		7	0.15	0.18	0.35	0.30	3.	3.5	M20	5	T4	T3	100 °C
3.7	2.6	MVE 200/3X-23A0	MVE 200/36X-23A0	187	189		7	0.15	0.18	0.35	0.30	3.5	3.5	M20	5	T4	T3	100 °C
6.4	4.5	MVE 300/3X-30A0	MVE 300/36X-30A0	321	323		10	0.25	0.28	0.52	0.45	3.8	3.7	M20	5	T4	T3	100 °C
8.0	5.7	MVE 400/3X-30A0	MVE 400/36X-30A0	407	411		10	0.27	0.33	0.58	0.60	3.7	3.7	M20	5	T4	T3	100 °C
10.3	7.4	MVE 500/3X-40A0	MVE 500/36X-40A0	530	534		16	0.50	0.58	0.96	0.97	4.2	4.4	M20	5	T4	T3	135 °C
14.9	10.6	MVE 700/3X-40A0	MVE 700/36X-40A0	758	765		17	0.59	0.61	1.25	1.24	4.5	5.2	M20	5	T4	T3	135 °C
15.7	11.1	MVE 800/3X-50A0	MVE 800/36X-50A0	794	800		20	0.70	0.84	1.45	1.50	4.0	4.0	M20	5	T4	T3	135 °C
20.3	14.0	MVE 1200/3X-50A0	MVE 1200/36X-50A0	1,005	1,013		21	0.95	1.15	1.85	1.95	4.6	4.7	M20	5	T4	T3	135 °C
26.6	18.6	MVE 1300/3X-50A0	MVE 1300/36X-50A0	1,355	1,365		22	1.30	1.38	2.44	2.25	5.4	5.2	M20	5	T4	T3	135 °C
26.6	18.6	MVE 1300/3X-51A0	MVE 1300/36X-51A0	1,355	1,365		22	1.30	1.38	2.44	2.25	5.4	5.2	M20	5	T4	T3	135 °C
31.3	22.2	MVE 1600/3X-60A0	MVE 1600/36X-60A0	1,601	1,608	51	50	1.54	1.60	2.94	2.61	6.1	6.4	M25	5	T4	T3	135 °C
36.8	27.6	MVE 2000/3X-60A0	MVE 2000/36X-60A0	2,027	1,997	52	50	2.10	2.10	3.75	3.42	6.7	6.6	M25	5	T4	T3	135 °C
46.0	31.9	MVE 2300/3X-60A0	MVE 2300/36X-60A0	2,302	2,306	53	51	2.40	2.45	4.44	3.45	6.2	6.5	M25	5	T4	T3	135 °C
68.1	43.9	MVE 3200/3X-75A1	MVE 3200/36X-75A1	3,252	3,176	103	101	2.76	2.90	5.30	4.61	8.5	8.4	M32	5	T4	T3	135 °C
79.4	56.0	MVE 4000/3X-75A1	MVE 4000/36X-75A1	4,033	4,052	107	104	2.90	2.90	5.30	4.61	8.7	9.9	M32	5	T4	T3	135 °C

SIZE 40A0



SIZE 50A0



SIZE 60A0



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:  $N = 9.81 \cdot kg$



- » II 2D Ex tb IIIC Tx Db IP66
- » II 2G Ex eb IIC T3 Gb
- » Equipment and protective system intended for use in potentially explosive atmospheres (Zone 21 - Zone 1) - Directive 2014/34/UE
- » Compliance with Essential Health and Safety Requirements
- » IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31, IEC EN 60079-7

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 200/3X-20A0	MVE 200/36X-20A0	B1	20A0	233	54	62-74	106	9	4	130	154	15	65	125	120	112			
MVE 200/3X-23A0	MVE 200/36X-23A0	G	23A0	222	55	Multiple Footprint 62-74 106 9 65 140 13 115 135 11 135 115 11			4	164	140	25	82	116	159	110			
MVE 300/3X-30A0	MVE 300/36X-30A0	C1	30A0	254	42	Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 11			4	150	173	15	79	150	166	134			
MVE 400/3X-30A0	MVE 400/36X-30A0	C1	30A0	274	52	Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 11			4	150	173	15	79	150	166	134			
MVE 500/3X-40A0	MVE 500/36X-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158			
MVE 700/3X-40A0	MVE 700/36X-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158			
MVE 800/3X-50A0	MVE 800/36X-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1200/3X-50A0	MVE 1200/36X-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1300/3X-50A0	MVE 1300/36X-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170			
MVE 1300/3X-51A0	MVE 1300/36X-51A0	D1	51A0	326	63	120	170	17	4	208	220	25	105	203	192	187			
MVE 1600/3X-60A0	MVE 1600/36X-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 2000/3X-60A0	MVE 2000/36X-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 2300/3X-60A0	MVE 2300/36X-60A0	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222			
MVE 3200/3X-75A1	MVE 3200/36X-75A1	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265			
MVE 4000/3X-75A1	MVE 4000/36X-75A1	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265			

Notes:

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

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- » Class I, Div.2 Group A, B, C, D T3
- » 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, CSA 22.2 N°60079-7

