

# MVE-Exe INCREASED SAFETY



## 4 POLES - 1500/1800 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	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	tE	Temp. Class	Temp. Class	Temp. Class
15.4	10.8	MVE 200/15X-30A0	MVE 200/18X-30A0	194	196	12		0.12	0.15	0.49	0.50	2.2	2.2	M20	5	T4	T3	100 °C
33.4	23.4	MVE 400/15X-40A0	MVE 400/18X-40A0	420	423	20		0.27	0.32	0.84	0.86	2.7	2.7	M20	5	T4	T3	135 °C
40.1	28.1	MVE 500/15X-40A0	MVE 500/18X-40A0	504	508	21		0.35	0.40	1.06	1.09	3.0	2.9	M20	5	T4	T3	135 °C
26.6	18.6	MVE 300/15X-50A0	MVE 300/18X-50A0	334	336	22		0.62	0.73	1.32	1.20	3.2	3.4	M20	5	T4	T3	135 °C
26.6	18.6	MVE 300/15X-51A0	MVE 300/18X-51A0	334	336	22		0.62	0.73	1.32	1.20	3.2	3.4	M20	5	T4	T3	135 °C
56.8	39.4	MVE 700/15X-50A0	MVE 700/18X-50A0	714	712	27		0.62	0.73	1.32	1.20	3.2	3.4	M20	5	T4	T3	135 °C
56.8	39.4	MVE 710/15X-50A0	MVE 710/18X-50A0	714	712	27		0.62	0.73	1.32	1.20	3.2	3.4	M20	5	T4	T3	135 °C
75.6	52.9	MVE 950/15X-50A0	MVE 950/18X-50A0	950	957	33		0.64	0.77	1.40	1.35	4.2	4.2	M20	5	T4	T3	135 °C
88.7	62.0	MVE 1100/15X-50A0	MVE 1100/18X-50A0	1,114	1,122	36	29.5	0.64	0.77	1.40	1.35	4.0	4.0	M20	5	T4	T3	135 °C
87.7	61.4	MVE 1100/15X-51A0	MVE 1100/18X-51A0	1,102	1,110	35	28.5	0.64	0.77	1.40	1.35	4.0	4.0	M20	5	T4	T3	135 °C
108.6	76.7	MVE 1400/15X-60A0	MVE 1400/18X-60A0	1,364	1,388	63	60	0.70	0.84	1.78	1.78	4.2	4.2	M25	5	T4	T3	135 °C
137.3	92.0	MVE 1700/15X-60A0	MVE 1700/18X-60A0	1,725	1,664	62	59	1.13	1.30	2.16	2.09	4.9	4.7	M25	5	T4	T3	135 °C
187.7	137.4	MVE 2400/15X-60A0	MVE 2400/18X-60A0	2,358	2,485	68	62	1.57	1.88	3.20	3.20	5.1	5.1	M25	5	T4	T3	135 °C
203.5	135.6	MVE 2500/15X-70A0	MVE 2500/18X-70A0	2,557	2,454	80	74	1.76	2.00	3.08	3.00	6.2	6.3	M25	5	T4	T3	135 °C
248.7	169.8	MVE 3000/15X-70A0	MVE 3000/18X-70A0	3,124	3,071	94	87	1.90	2.30	3.68	3.30	6.7	6.8	M25	5	T4	T3	135 °C
306.7	204.7	MVE 3800/15X-75A0	MVE 3800/18X-75A0	3,853	3,704	146		2.20	2.60	4.15	4.15	7.0	7.0	M32	5	T4	T3	135 °C
343.2	240.9	MVE 4300/15X-75A0	MVE 4300/18X-75A0	4,312	4,359	136	125	2.50	3.00	4.50	4.60	7.2	7.4	M32	5	T4	T3	135 °C
437.4	303.7	MVE 5500/15X-80A0	MVE 5500/18X-80A0	5,495	5,495	181	169	2.88	3.45	6.50	5.50	7.3	7.2	M32	5	T4	T3	135 °C
								<b>A max. (Δ)</b>										
576.8	397.3	MVE 7200/15X-85A0	MVE 7200/18X-85A0	7,246	7,188	237	231	4.00	4.80	8.50	8.70	7.0	7.1	M32	5	T4	T3	135 °C
718.0	498.8	MVE 9000/15X-85A0	MVE 9000/18X-85A0	9,020	9,023	252	241	7.35	8.50	13.40	12.00	7.2	7.2	M32	5	T4	T3	135 °C
579.9	406.0	MVE 7200/15X-86A0	MVE 7200/18X-86A0	7,286	7,345	237	231	6.00	6.50	11.00	10.80	4.7	4.5	M32	5	T4	T3	135 °C
724.8	507.0	MVE 9000/15X-86A0	MVE 9000/18X-86A0	9,106	9,172	252	241	6.00	6.50	11.00	10.80	4.7	4.5	M32	5	T4	T3	135 °C
800.1	588.3	MVE 10000/15X-90A0	MVE 10000/18X-90A0	10,052	10,643	300	286	5.40	7.00	13.00	13.00	6.7	6.6	M32	5	T4	T3	135 °C
835.7	581.3	MVE 10000/15X-91A0	MVE 10000/18X-91A0	10,499	10,517	300	286	7.00	8.20	13.10	13.10	7.2	7.7	M32	5	T4	T3	135 °C

SIZE 70A0



SIZE 75A0



SIZE 80A0



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



**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 200/15X-30A0	MVE 200/18X-30A0	C	30A0	274	52	Multiple Footprint			4	150	173	15	79	150	166	134		
			80	110	11													
			90	125	13													
			124	110	11													
			135	115	11													
MVE 400/15X-40A0	MVE 400/18X-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160		
MVE 500/15X-40A0	MVE 500/18X-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160		
MVE 300/15X-50A0	MVE 300/18X-50A0	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170		
MVE 300/15X-51A0	MVE 300/18X-51A0	D1	51A0	321	62	120	170	17	4	208	220	25	105	202	192	187		
MVE 700/15X-50A0	MVE 700/18X-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170		
MVE 710/15X-50A0	MVE 710/18X-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170		
MVE 950/15X-50A0	MVE 950/18X-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 1100/15X-50A0	MVE 1100/18X-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170		
MVE 1100/15X-51A0	MVE 1100/18X-51A0	D1	51A0	414	106	120	170	17	4	208	220	25	105	202	192	187		
MVE 1400/15X-60A0	MVE 1400/18X-60A0	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222		
MVE 1700/15X-60A0	MVE 1700/18X-60A0	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222		
MVE 2400/15X-60A0	MVE 2400/18X-60A0	D1	60A0	490	446	134	112	140	190	17	4	230	260	26	124	240	218	222
MVE 2500/15X-70A0	MVE 2500/18X-70A0	D1	70A0	501	123	155	225	22	4	275	290	30	140	256	250	236		
MVE 3000/15X-70A0	MVE 3000/18X-70A0	D1	70A0	535	501	140	123	155	225	22	4	275	290	30	140	256	250	236
MVE 3800/15X-75A0	MVE 3800/18X-75A0	D1	75A0	564	536	151	117	155	255	23.5	4	304	314	30	147	285	277	265
MVE 4300/15X-75A0	MVE 4300/18X-75A0	D1	75A0	584	564	151	141	155	255	23.5	4	304	314	30	147	285	277	265
MVE 5500/15X-80A0	MVE 5500/18X-80A0	E1	80A0	603	143	180	280	26	4	332	360	37	167	345	304	310		

MVE 7200/15X-85A0	MVE 7200/18X-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378
MVE 9000/15X-85A0	MVE 9000/18X-85A0	D1	85A0	624	130	200	320	28	4	385	402	40	203	394	360	378
MVE 7200/15X-86A0	MVE 7200/18X-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378
MVE 9000/15X-86A0	MVE 9000/18X-86A0	D1	86A0	624	130	200	320	28	4	385	402	40	203	394	360	378
MVE 10000/15X-90A0	MVE 10000/18X-90A0	E1	90A0	728	170	125	380	39	6	452	415	40	205	394	380	378
MVE 10000/15X-91A0	MVE 10000/18X-91A0	E1	91A0	728	170	125	380	39	6	452	415	40	205	394	380	378

Notes:

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, UL 60079-31, UL 60079-0, CSA 60079-0, CSA 60079-31, CSA 22.2 N°100, CSA 22.2 N°77, CSA 22.2 N°60079-7

