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 · 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	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:

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

- 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

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
										A max. (Δ)								
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 · 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

DIMENSIONAL SPECIFICATIONS (MM)

Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz				n°							
MVE 200/15X-30A0	MVE 200/18X-30A0	C	30A0	274		52		Multiple Footprint: 80 / 90 / 124 / 135	110 / 125 / 110 / 115	11 / 13 / 11 / 11	4	150	173	15	79	150	166	134
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	391	129	97	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

MVE-Exe INCREASED SAFETY

6 POLES - 1000/1200 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
9.5	6.6	MVE 50/1X-30A0	MVE 50/12X-30A0	53	53	10		0.12	0.14	0.30	0.40	2.2	2.2	M20	5	T4	T3	100 °C
18.8	13.2	MVE 100/1X-30A0	MVE 100/12X-30A0	105	106	11		0.12	0.14	0.30	0.40	2.2	2.2	M20	5	T4	T3	100 °C
33.5	23.4	MVE 200/1X-40A0	MVE 200/12X-40A0	187	188	19		0.15	0.18	0.65	0.63	2.2	2.2	M20	5	T4	T3	135 °C
56.9	39.9	MVE 300/1X-50A0	MVE 300/12X-50A0	318	320	26		0.25	0.30	0.67	0.64	2.7	2.7	M20	5	T4	T3	135 °C
91.9	64.3	MVE 500/1X-50A0	MVE 500/12X-50A0	513	517	34		0.55	0.40	1.22	1.15	3.0	2.9	M20	5	T4	T3	135 °C
91.9	91.9	MVE 510/1X-50A0	MVE 510/12X-50A0	513	739	34		0.55	0.40	1.20	1.15	3.0	2.9	M20	5	T4	T3	135 °C
137.4	108.6	MVE 800/1X-60A0	MVE 800/12X-60A0	767	873	60	58	0.75	0.80	1.42	1.32	3.4	3.3	M25	5	T4	T3	135 °C
187.7	137.3	MVE 1100/1X-60A0	MVE 1100/12X-60A0	1,048	1,104	78	72	0.75	0.80	1.42	1.32	3.4	3.3	M25	5	T4	T3	135 °C
284.8	196.5	MVE 1500/1X-60A0	MVE 1500/12X-60A0	1,590	1,580	84	73	0.90	1.08	1.80	2.00	3.5	3.5	M25	5	T4	T3	135 °C
299.6	203.5	MVE 1600/1X-70A0	MVE 1600/12X-70A0	1,673	1,636	90	79	0.90	1.08	2.40	2.30	3.9	3.8	M25	5	T4	T3	135 °C
373.1	248.7	MVE 2100/1X-70A0	MVE 2100/12X-70A0	2,083	2,000	105	91	1.50	1.80	3.00	3.20	4.5	4.6	M25	5	T4	T3	135 °C
401.0	275.2	MVE 2200/1X-70A0	MVE 2200/12X-70A0	2,239	2,213	107	93	1.50	1.80	3.00	3.20	4.5	4.6	M25	5	T4	T3	135 °C
467.4	306.7	MVE 2600/1X-75A0	MVE 2600/12X-75A0	2,610	2,466	149	132	1.96	2.10	4.10	4.00	5.0	5.0	M32	5	T4	T3	135 °C
540.3	379.7	MVE 3000/1X-75A0	MVE 3000/12X-75A0	3,017	3,053	155	138	2.20	2.40	4.50	4.30	5.2	5.2	M32	5	T4	T3	135 °C
702.5	465.6	MVE 3700/1X-75A0	MVE 3700/12X-75A0	3,797	3,744	155	142	2.20	2.40	4.50	4.30	5.2	5.2	M32	5	T4	T3	135 °C
680.4	437.4	MVE 3800/1X-80A0	MVE 3800/12X-80A0	3,799	3,517	216	195	2.50	3.00	5.50	5.30	6.1	6.2	M32	5	T4	T3	135 °C
838.3	584.2	MVE 4700/1X-80A0	MVE 4700/12X-80A0	4,681	4,697	220	201	3.20	3.90	6.50	6.95	5.7	5.9	M32	5	T4	T3	135 °C
929.9	654.6	MVE 5200/1X-85A0	MVE 5200/12X-85A0	5,192	5,263	264	248	3.80	4.00	6.92	6.36	5.7	5.7	M32	5	T4	T3	135 °C
1,165.2	824.0	MVE 6500/1X-85A0	MVE 6500/12X-85A0	6,506	6,625	288	265	4.30	5.00	7.76	7.81	6.4	6.2	M32	5	T4	T3	135 °C
										A max. (Δ)								
1,436.0	929.8	MVE 8000/1X-85A0	MVE 8000/12X-85A0	8,018	7,476	309	274	5.50	6.60	12.60	11.60	6.2	6.4	M32	5	T4	T3	135 °C
1,600.4	1,165.2	MVE 9000/1X-85A0	MVE 9000/12X-85A0	8,936	9,369	322	291	6.20	7.45	13.20	12.60	6.5	6.4	M32	5	T4	T3	135 °C
1,434.0	929.8	MVE 8000/1X-86A0	MVE 8000/12X-86A0	8,007	7,476	309	274	4.60	5.50	9.00	10.00	6.0	6.2	M32	5	T4	T3	135 °C
1,598.0	1,165.2	MVE 9000/1X-86A0	MVE 9000/12X-86A0	8,923	9,369	322	291	4.60	5.50	9.00	10.00	6.0	6.2	M32	5	T4	T3	135 °C
1,788.4	1,240.0	MVE 10000/1X-90A0	MVE 10000/12X-90A0	9,986	9,970	374	348	6.10	6.40	14.00	12.70	6.6	6.6	M32	5	T4	T3	135 °C
2,329.8	1,647.4	MVE 13000/1X-90A0	MVE 13000/12X-90A0	13,009	13,246	411	364	7.50	8.30	16.40	16.00	6.4	6.5	M32	5	T4	T3	135 °C
1,802.9	1,240.0	MVE 10000/1X-91A0	MVE 10000/12X-91A0	10,067	9,970	373	348	6.40	7.70	13.00	14.50	6.0	6.0	M32	5	T4	T3	135 °C
2,056.9	1,433.0	MVE 11400/1X-91A0	MVE 11400/12X-91A0	11,485	11,522	404	361	6.40	7.70	13.00	7.50	6.0	6.0	M32	5	T4	T3	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 · 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

DIMENSIONAL SPECIFICATIONS (MM)

Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz				n°							
MVE 50/1X-30A0	MVE 50/12X-30A0	C	30A0	274		52		Multiple Footprint: 80 / 90 / 124 / 135	110 / 125 / 110 / 115	11 / 13 / 11 / 11	4	150	173	15	79	150	166	134
MVE 100/1X-30A0	MVE 100/12X-30A0	C	30A0	304		67		Multiple Footprint: 80 / 90 / 124 / 135	110 / 125 / 110 / 115	11 / 13 / 11 / 11	4	150	173	15	79	150	166	134
MVE 200/1X-40A0	MVE 200/12X-40A0	D1	40A0	330		78		105	140	13	4	170	196	20	92	174	166	160
MVE 300/1X-50A0	MVE 300/12X-50A0	D1	50A0	391		97		120	170	17	4	208	210	22	96	185	192	170
MVE 500/1X-50A0	MVE 500/12X-50A0	D1	50A0	455		129		120	170	17	4	208	210	22	96	185	192	170
MVE 510/1X-50A0	MVE 510/12X-50A0	D1	50A0	455		129		120	170	17	4	208	210	22	96	185	192	170
MVE 800/1X-60A0	MVE 800/12X-60A0	D1	60A0	446		112		140	190	17	4	230	260	26	124	240	218	222
MVE 1100/1X-60A0	MVE 1100/12X-60A0	D1	60A0	490	446	134	112	140	190	17	4	230	260	26	124	240	218	222
MVE 1500/1X-60A0	MVE 1500/12X-60A0	D1	60A0	566	490	172	134	140	190	17	4	230	260	26	124	240	218	222
MVE 1600/1X-70A0	MVE 1600/12X-70A0	D1	70A0	563	501	154	123	155	225	22	4	275	290	30	140	256	250	236
MVE 2100/1X-70A0	MVE 2100/12X-70A0	D1	70A0	623	563	184	154	155	225	22	4	275	290	30	140	256	250	236
MVE 2200/1X-70A0	MVE 2200/12X-70A0	D1	70A0	623		184		155	225	22	4	275	290	30	140	256	250	236
MVE 2600/1X-75A0	MVE 2600/12X-75A0	D1	75A0	692	584	205	151	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3000/1X-75A0	MVE 3000/12X-75A0	D1	75A0	692		205		155	255	23.5	4	304	314	30	147	285	277	265
MVE 3700/1X-75A0	MVE 3700/12X-75A0	D1	75A0	734	692	226	205	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3800/1X-80A0	MVE 3800/12X-80A0	D1	80A0	683	603	183	143	180	280	26	4	332	354	32	170	330	312	311
MVE 4700/1X-80A0	MVE 4700/12X-80A0	D1	80A0	733	683	208	183	180	280	26	4	332	354	32	170	330	312	311
MVE 5200/1X-85A0	MVE 5200/12X-85A0	D1	85A0	704	624	170	130	200	320	28	4	385	402	40	20	394	360	378
MVE 6500/1X-85A0	MVE 6500/12X-85A0	D1	85A0	704		170		200	320	28	4	385	402	40	20	394	360	378
MVE 8000/1X-85A0	MVE 8000/12X-85A0	D1	85A0	774	704	205	170	200	320	28	4	385	402	40	203	394	360	378
MVE 9000/1X-85A0	MVE 9000/12X-85A0	D1	85A0	774	704	205	170	200	320	28	4	385	402	40	203	394	360	378
MVE 8000/1X-86A0	MVE 8000/12X-86A0	D1	86A0	774		205		200	320	28	4	385	402	40	203	394	360	378
MVE 9000/1X-86A0	MVE 9000/12X-86A0	D1	86A0	774		205		200	320	28	4	385	402	40	203	394	360	378
MVE 10000/1X-90A0	MVE 10000/12X-90A0	E1	90A0	908	798	260	205	125	380	39	6	452	415	40	205	394	380	378
MVE 13000/1X-90A0	MVE 13000/12X-90A0	E1	90A0	948	798	280	205	125	380	39	6	452	415	40	205	394	380	378
MVE 10000/1X-91A0	MVE 10000/12X-91A0	E1	91A0	908		260		125	380	39	6	452	415	40	205	394	380	378
MVE 11400/1X-91A0	MVE 11400/12X-91A0	E1	91A0	908		260		125	380	39	6	452	415	40	205	394	380	378

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

- 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

MVE-Exe INCREASED SAFETY

8 POLES - 750/900 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
33.4		MVE 150/075X-40A0	MVE 150/090X-40A0	105	151	21		0.23	0.25	1.14	1.14	1.7	1.7	M20	5	T4	T3	135 °C
56.9		MVE 250/075X-50A0	MVE 250/090X-50A0	179	257	29		0.25	0.30	0.90	0.89	1.9	1.9	M20	5	T4	T3	135 °C
84.0		MVE 400/075X-50A0	MVE 400/090X-50A0	264	380	34		0.25	0.30	0.90	0.89	2.1	2.1	M20	5	T4	T3	135 °C
137.3		MVE 650/075X-60A0	MVE 650/090X-60A0	431	621	63		0.37	0.45	1.20	1.20	2.4	2.4	M25	5	T4	T3	135 °C
187.7		MVE 900/075X-60A0	MVE 900/090X-60A0	589	849	70		0.55	0.54	1.23	1.29	2.7	2.7	M25	5	T4	T3	135 °C
299.6		MVE 1300/075X-70A0	MVE 1300/090X-70A0	941	1,355	90		0.75	0.90	2.20	2.20	3.2	3.2	M25	5	T4	T3	135 °C
467.4		MVE 2100/075X-75A0	MVE 2100/090X-75A0	1,468	2,114	150		1.00	1.20	2.81	2.89	4.4	4.3	M32	5	T4	T3	135 °C
680.3		MVE 3100/075X-80A0	MVE 3100/090X-80A0	2,137	3,077	201		2.00	2.30	4.50	4.40	4.2	4.2	M32	5	T4	T3	135 °C
838.4		MVE 3800/075X-80A0	MVE 3800/090X-80A0	2,633	3,792	219		2.50	3.00	6.00	6.00	4.1	4.2	M32	5	T4	T3	135 °C
929.7		MVE 4200/075X-85A0	MVE 4200/090X-85A0	2,920	4,205	268		2.90	3.40	6.50	6.50	4.0	3.9	M32	5	T4	T3	135 °C
1,165.2		MVE 5300/075X-85A0	MVE 5300/090X-85A0	3,660	5,270	289		3.70	4.30	8.00	8.20	4.0	4.4	M32	5	T4	T3	135 °C
1,435.9		MVE 6500/075X-85A0	MVE 6500/090X-85A0	4,510	6,494	308		3.80	4.20	8.78	8.30	3.8	4.2	M32	5	T4	T3	135 °C
										A max. (Δ)								
2,200.4		MVE 10000/075X-90A0	MVE 10000/090X-90A0	6,911	9,952	422		6.80	7.50	13.50	12.50	3.7	4.4	M32	5	T4	T3	135 °C
2,311.0		MVE 10000/075X-91A0	MVE 10000/090X-91A0	7,258	10,452	422		6.00	7.00	14.40	14.00	4.7	4.7	M32	5	T4	T3	135 °C

SIZE 80A0

SIZE 86A0

SIZE 91A0

60Hz masses = 50Hz masses adjusted at 100%

To convert kg into Newton: N = 9.81 · 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

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 150/075X-40A0	MVE 150/090X-40A0	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160
MVE 250/075X-50A0	MVE 250/090X-50A0	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170
MVE 400/075X-50A0	MVE 400/090X-50A0	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170
MVE 650/075X-60A0	MVE 650/090X-60A0	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222
MVE 900/075X-60A0	MVE 900/090X-60A0	D1	60A0	490	134	140	190	17	4	230	260	26	124	240	218	222
MVE 1300/075X-70A0	MVE 1300/090X-70A0	D1	70A0	563	154	155	225	22	4	275	290	30	140	256	250	236
MVE 2100/075X-75A0	MVE 2100/090X-75A0	D1	75A0	692	205	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3100/075X-80A0	MVE 3100/090X-80A0	D1	80A0	683	183	180	280	26	4	332	354	32	170	330	312	311
MVE 3800/075X-80A0	MVE 3800/090X-80A0	D1	80A0	733	208	180	280	26	4	332	354	32	170	330	312	311
MVE 4200/075X-85A0	MVE 4200/090X-85A0	D1	85A0	704	170	200	320	28	4	385	402	40	203	394	360	378
MVE 5300/075X-85A0	MVE 5300/090X-85A0	D1	85A0	704	170	200	320	28	4	385	402	40	203	394	360	378
MVE 6500/075X-85A0	MVE 6500/090X-85A0	D1	85A0	774	205	200	320	28	4	385	402	40	203	394	360	378
MVE 10000/075X-90A0	MVE 10000/090X-90A0	E1	90A0	948	280	125	380	39	6	452	415	40	205	394	380	378
MVE 10000/075X-91A0	MVE 10000/090X-91A0	E1	91A0	948	280	125	380	39	6	452	415	40	205	394	380	378

Notes:

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

- 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