

MVE-Exe INCREASED SAFETY



6 POLES - 1000/1200 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS						CERTIFICATE				
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	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 (400V)	60Hz (460V)	50Hz	60Hz	Metric	T E	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/EU
- » 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 50/1X-30A0	MVE 50/12X-30A0	C	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 100/1X-30A0	MVE 100/12X-30A0	C	30A0	304	67	Multiple Footprint 80 110 11 90 125 13 124 110 11 135 115 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

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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

