

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	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: $N = 9.81 \cdot kg$



- » 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/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	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

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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, 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

