

# 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
								<b>A max. (Δ)</b>										
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