

MVE-Exd EXPLOSION-PROOF



Ex II 2G: Temp. Class **T4**
 Class1 Div.1: Temp. Class **T4**
 Ex II 2D Temp. Class: ● **135 °C**

* Terminal Connections: **Y** High Voltage; **▲** Low Voltage

6 POLES - 1000/1200 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS							
								Input Power (kW)		Standard Nominal Current		* Terminal Connection	Ia/In		Cable Gland
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)		Y	50Hz	60Hz
91.9		MVE 500/1D-50A0	MVE 500/12D-50A0	513	739	54		0.30	0.32	1.10	1.05	Y	2.8	2.7	3/4" NPT 110 °C
137.4	108.6	MVE 800/1D-60A0	MVE 800/12D-60A0	767	873	73	71	0.57	0.68	1.14	1.21	Y	3.2	3.1	3/4" NPT 110 °C
187.7	137.3	MVE 1100/1D-60A1	MVE 1100/12D-60A1	1,048	1,104	80	74	0.56	0.58	1.40	1.30	Y	3.2	3.1	3/4" NPT 110 °C
284.8	196.5	MVE 1500/1D-60A0	MVE 1500/12D-60A0	1,590	1,580	94	83	0.80	0.90	1.60	1.70	Y	3.3	3.3	3/4" NPT 110 °C
299.6	203.5	MVE 1600/1D-70A0	MVE 1600/12D-70A0	1,673	1,636	109	99	1.00	1.13	2.50	2.72	Y	3.7	3.6	3/4" NPT 110 °C
373.1	248.7	MVE 2100/1D-70A0	MVE 2100/12D-70A0	2,083	2,000	121	107	1.20	1.35	2.80	3.00	Y	4.3	4.4	3/4" NPT 110 °C
467.4	306.7	MVE 2600/1D-75A0	MVE 2600/12D-75A0	2,610	2,466	153	136	1.50	1.60	3.50	3.30	Y	4.8	4.8	3/4" NPT 110 °C
540.3	379.7	MVE 3000/1D-75A0	MVE 3000/12D-75A0	3,017	3,053	161	135	1.75	1.90	4.30	4.00	Y	5.0	5.0	3/4" NPT 110 °C
680.4	437.4	MVE 3800/1D-80A0	MVE 3800/12D-80A0	3,799	3,517	215	196	2.10	2.30	5.00	4.80	Y	5.9	6.0	3/4" NPT 110 °C
838.3	584.2	MVE 4700/1D-80A0	MVE 4700/12D-80A0	4,681	4,697	231	212	2.50	2.80	6.20	6.00	Y	5.5	5.7	3/4" NPT 110 °C

8 POLES - 750/900 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS							
								Input Power (kW)		Standard Nominal Current		* Terminal Connection	Ia/In		Cable Gland
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz-60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	Y		50Hz	60Hz	Metric
56.9		MVE 250/075D-50A0	MVE 250/090D-50A0	179	257	47		0.35	0.38	1.15	1.15	Y	1.7	1.7	3/4" NPT 110 °C
84.0		MVE 400/075D-50A0	MVE 400/090D-50A0	264	380	54		0.35	0.38	1.15	1.15	Y	1.9	1.9	3/4" NPT 110 °C
137.3		MVE 650/075D-60A0	MVE 650/090D-60A0	431	621	73		0.43	0.50	1.12	1.10	Y	2.2	2.2	3/4" NPT 110 °C
187.7		MVE 900/075D-60A1	MVE 900/090D-60A1	589	849	82		0.55	0.60	1.40	1.20	Y	2.5	2.5	3/4" NPT 110 °C
299.6		MVE 1300/075D-70A0	MVE 1300/090D-70A0	941	1,355	109		0.80	0.80	2.20	2.10	Y	3.0	3.0	3/4" NPT 110 °C
467.4		MVE 2100/075D-75A0	MVE 2100/090D-75A0	1,468	2,114	153		1.25	1.30	3.20	2.80	Y	4.2	4.1	3/4" NPT 110 °C
680.3		MVE 3100/075D-80A0	MVE 3100/090D-80A0	2,137	3,077	214		1.50	1.80	3.80	3.80	Y	4.0	4.0	3/4" NPT 110 °C
838.4		MVE 3800/075D-80A0	MVE 3800/090D-80A0	2,633	3,792	230		2.50	3.20	5.50	5.70	Y	3.9	4.0	3/4" NPT 110 °C

SIZE 60A0



UP TO SIZE 50 (INCLUDED)
 60Hz masses = 50Hz masses adjusted at 70%

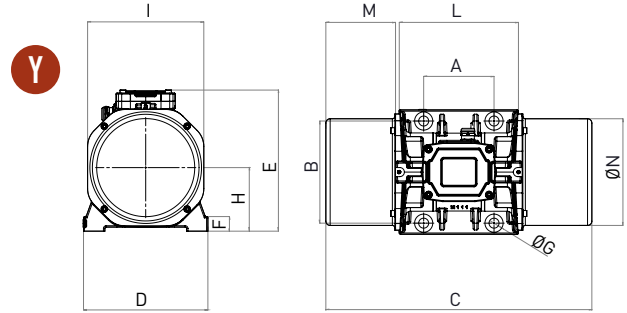
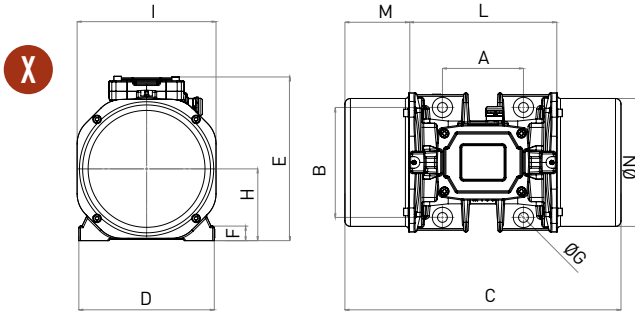


ABOVE SIZE 50 (NOT INCLUDED)
 Specific masses for 60Hz

To convert kg into Newton: $N = 9.81 \cdot kg$

PNEUTROL INTERNATIONAL LIMITED

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Model		Drawing	Size	DIMENSIONAL SPECIFICATIONS (mm)														
50Hz	60Hz			C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				n°							
MVE 500/1D-50A0	MVE 500/12D-50A0	X	50A0	466	130	120	170	17	4	4	209	251	27	103	185	205	165	
MVE 800/1D-60A0	MVE 800/12D-60A0	X	60A0	477	111	140	190	17	4	4	234	283	25	124	240	254	221	
MVE 1100/1D-60A1	MVE 1100/12D-60A1	X	60A1	521	133	140	190	22	4	4	234	283	25	124	240	254	221	
MVE 1500/1D-60A0	MVE 1500/12D-60A0	X	60A0	597	171	140	190	17	4	4	234	283	25	124	240	254	221	
MVE 1600/1D-70A0	MVE 1600/12D-70A0	Y	70A0	586	153	155	225	22	4	4	274	311	32	140	256	279	235	
MVE 2100/1D-70A0	MVE 2100/12D-70A0	Y	70A0	646	183	155	225	22	4	4	274	311	32	140	256	279	235	
MVE 2600/1D-75A0	MVE 2600/12D-75A0	Y	75A0	724	210	155	255	23.5	4	4	302	330	30	150	280	304	264	
MVE 3000/1D-75A0	MVE 3000/12D-75A0	Y	75A0	724	210	155	255	23.5	4	4	302	330	30	150	280	304	264	
MVE 3800/1D-80A0	MVE 3800/12D-80A0	Y	80A0	692	167	180	280	26	4	4	330	379	33	176	330	358	310	
MVE 4700/1D-80A0	MVE 4700/12D-80A0	Y	80A0	744	193	180	280	26	4	4	330	379	33	176	330	358	310	

Model		Drawing	Size	DIMENSIONAL SPECIFICATIONS (mm)														
50Hz	60Hz			C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz-60Hz	50Hz-60Hz	n°												
MVE 250/075D-50A0	MVE 250/090D-50A0	X	50A0	396	95	120	170	17	4	4	209	251	27	103	185	205	165	
MVE 400/075D-50A0	MVE 400/090D-50A0	X	50A0	466	130	120	170	17	4	4	209	251	27	103	185	205	165	
MVE 650/075D-60A0	MVE 650/090D-60A0	X	60A0	477	111	140	190	17	4	4	234	283	25	124	240	254	221	
MVE 900/075D-60A1	MVE 900/090D-60A1	X	60A1	521	133	140	190	22	4	4	234	283	25	124	240	254	221	
MVE 1300/075D-70A0	MVE 1300/090D-70A0	Y	70A0	586	153	155	225	22	4	4	274	311	32	140	256	279	235	
MVE 2100/075D-75A0	MVE 2100/090D-75A0	Y	75A0	724	210	155	255	23.5	4	4	302	330	30	150	280	304	264	
MVE 3100/075D-80A0	MVE 3100/090D-80A0	Y	80A0	692	167	180	280	26	4	4	330	379	33	176	330	358	310	
MVE 3800/075D-80A0	MVE 3800/090D-80A0	Y	80A0	744	193	180	280	26	4	4	330	379	33	176	330	358	310	

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