

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

2 POLES - 3000/3600 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)		50Hz	60Hz	Metric
15.7	11.1	MVE 800/3D-50A0	MVE 800/36D-50A0	794	800	40		0.75	0.90	1.45	1.50	Y	3.8	3.8	3/4" NPT 110 °C ●
26.6	18.6	MVE 1300/3D-50A0	MVE 1300/36D-50A0	1,355	1,365	41		1.10	1.10	2.00	2.75	Y	5.2	5.0	3/4" NPT 110 °C ●
31.3	22.2	MVE 1600/3D-60A0	MVE 1600/36D-60A0	1,601	1,608	63	62	1.57	1.60	2.94	2.61	Y	5.9	6.2	3/4" NPT 110 °C ●
36.8	27.6	MVE 2000/3D-60A0	MVE 2000/36D-60A0	2,027	1,997	64	63	1.25	1.40	3.20	2.80	Y	6.5	6.4	3/4" NPT 110 °C ●
46.0	31.9	MVE 2300/3D-60A1	MVE 2300/36D-60A1	2,302	2,306	65	63	1.25	1.40	3.20	2.80	Y	6.0	6.3	3/4" NPT 110 °C ●
68.1	43.9	MVE 3200/3D-75A0	MVE 3200/36D-75A0	3,252	3,176	105	103	3.00	3.00	5.20	4.60	Y	8.3	8.2	3/4" NPT 110 °C ●
79.4	56.0	MVE 4000/3D-75A0	MVE 4000/36D-75A0	4,033	4,052	108	104	3.00	3.00	5.20	4.60	Y	8.5	9.7	3/4" NPT 110 °C ●

4 POLES - 1500/1800 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)		50Hz	60Hz	Metric
56.8	39.4	MVE 700/15D-50A0	MVE 700/18D-50A0	714	712	45		0.55	0.66	1.00	1.00	Y	3.0	3.2	3/4" NPT 110 °C ●
88.7	56.8	MVE 1100/15D-50A0	MVE 1100/18D-50A0	1,114	1,028	52	45	0.60	0.68	1.27	1.50	Y	3.8	3.8	3/4" NPT 110 °C ●
108.6	76.7	MVE 1400/15D-60A0	MVE 1400/18D-60A0	1,364	1,388	73	70	0.75	1.00	1.67	1.80	Y	4.0	4.0	3/4" NPT 110 °C ●
137.3	92.0	MVE 1700/15D-60A1	MVE 1700/18D-60A1	1,725	1,664	76	61	1.00	1.20	1.95	2.00	Y	4.7	4.5	3/4" NPT 110 °C ●
187.7	137.4	MVE 2400/15D-60A1	MVE 2400/18D-60A1	2,358	2,485	78	72	1.25	1.40	2.80	2.70	Y	4.9	4.9	3/4" NPT 110 °C ●
203.5	135.6	MVE 2500/15D-70A0	MVE 2500/18D-70A0	2,557	2,454	99	93	1.50	1.60	2.70	2.60	Y	6.0	6.1	3/4" NPT 110 °C ●
248.7	169.8	MVE 3000/15D-70A0	MVE 3000/18D-70A0	3,124	3,071	105	97	1.65	1.90	2.80	2.70	Y	6.5	6.6	3/4" NPT 110 °C ●
306.7	204.7	MVE 3800/15D-75A0	MVE 3800/18D-75A0	3,853	3,704	136	125	2.30	2.25	4.10	3.96	Y	6.8	6.8	3/4" NPT 110 °C ●
343.2	240.9	MVE 4300/15D-75A0	MVE 4300/18D-75A0	4,312	4,359	140	130	2.40	2.60	4.30	4.10	Y	7.0	7.2	3/4" NPT 110 °C ●
437.4	303.7	MVE 5500/15D-80A0	MVE 5500/18D-80A0	5,495	5,495	193	183	3.10	3.10	5.70	5.30	Y	7.1	7.0	3/4" NPT 110 °C ●

SIZE 50A0



UP TO SIZE 50 (INCLUDED)
60Hz masses = 50Hz masses adjusted at 70%
Except for model MVE 1100/15D - 1100/18D

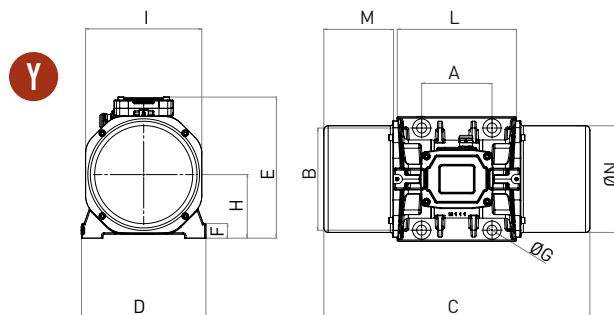
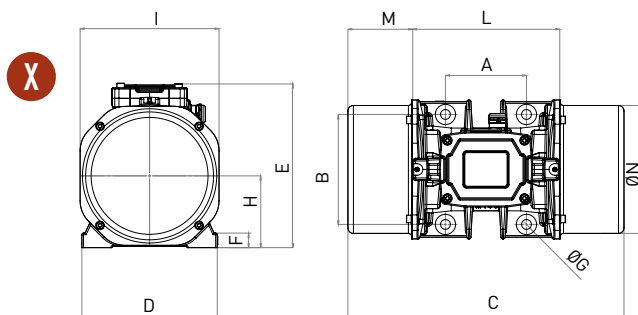


ABOVE SIZE 50 (NOT INCLUDED)
Specific masses for 60Hz

PNEUTROL INTERNATIONAL LIMITED

sales@pneutrol.com

To convert kg into Newton: **N = 9.81 · kg**



				DIMENSIONAL SPECIFICATIONS (mm)														
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				n°							
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz											
MVE 800/3D-50A0	MVE 800/36D-50A0	X	50A0	332		63		120	170	17	4	209	251	27	103	185	205	165
MVE 1300/3D-50A0	MVE 1300/36D-50A0	X	50A0	332		63		120	170	17	4	209	251	27	103	185	205	165
MVE 1600/3D-60A0	MVE 1600/36D-60A0	X	60A0	477		111		140	190	17	4	234	283	25	124	240	254	221
MVE 2000/3D-60A0	MVE 2000/36D-60A0	X	60A0	477		111		140	190	17	4	234	283	25	124	240	254	221
MVE 2300/3D-60A1	MVE 2300/36D-60A1	X	60A1	477		111		140	190	22	4	234	283	25	124	240	254	221
MVE 3200/3D-75A0	MVE 3200/36D-75A0	Y	75A0	540		118		155	255	23.5	4	302	330	30	150	280	304	265
MVE 4000/3D-75A0	MVE 4000/36D-75A0	Y	75A0	554		125		155	255	23.5	4	302	330	30	150	280	304	265

Model		Drawing	Size	DIMENSIONAL SPECIFICATIONS (mm)														
				C		M		A	B	Ø G	Holes n°	D	E	F	H	I	L	N
50Hz	60Hz			50Hz	60Hz	50Hz	60Hz											
MVE 700/15D-50A0	MVE 700/18D-50A0	X	50A0	396		95		120	170	17	4	209	251	27	103	185	205	165
MVE 1100/15D-50A0	MVE 1100/18D-50A0	X	50A0	466	396	130	95	120	170	17	4	209	251	27	103	185	205	165
MVE 1400/15D-60A0	MVE 1400/18D-60A0	X	60A0	477		111		140	190	17	4	234	283	25	124	240	254	221
MVE 1700/15D-60A1	MVE 1700/18D-60A1	X	60A1	477		111		140	190	22	4	234	283	25	124	240	254	221
MVE 2400/15D-60A1	MVE 2400/18D-60A1	X	60A1	521		133		140	190	22	4	234	283	25	124	240	254	221
MVE 2500/15D-70A0	MVE 2500/18D-70A0	Y	70A0	525		123		155	225	22	4	274	311	32	140	256	279	235
MVE 3000/15D-70A0	MVE 3000/18D-70A0	Y	70A0	586		153		155	225	22	4	274	311	32	140	256	279	235
MVE 3800/15D-75A0	MVE 3800/18D-75A0	Y	75A0	596		146		155	255	23.5	4	302	330	30	150	280	304	265
MVE 4300/15D-75A0	MVE 4300/18D-75A0	Y	75A0	616		156		155	255	23.5	4	302	330	30	150	280	304	265
MVE 5500/15D-80A0	MVE 5500/18D-80A0	Y	80A0	612		127		180	280	26	4	330	379	33	176	330	358	310

PNEUTROL INTERNATIONAL LIMITED

sales@pneutrol.com

UK OFFICE
5 CAULSIDE DRIVE, ANTRIM, NORTHERN IRELAND, BT41 2DU
TEL: +44 (0) 28 9448 1800, www.concretespares.co.uk

EUROPEAN OFFICE
UNIT 6, SAINT ANTHONY'S BUSINESS PARK, DUBLIN, IRELAND, D22 VW9S
TEL: +353 (0) 1 4373653, www.concretespares.ie

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