



# MVE-Exd EXPLOSION-PROOF



## 2 POLES - 3000/3600 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
15.7	11.1	MVE 800/3D-50A0	MVE 800/36D-50A0	794	800	40	
26.6	18.6	MVE 1300/3D-50A0	MVE 1300/36D-50A0	1,355	1,365	41	
31.3	22.2	MVE 1600/3D-60A0	MVE 1600/36D-60A0	1,601	1,608	63	62
36.8	27.6	MVE 2000/3D-60A0	MVE 2000/36D-60A0	2,027	1,997	64	63
46.0	31.9	MVE 2300/3D-60A0	MVE 2300/36D-60A0	2,302	2,306	65	63
68.1	43.9	MVE 3200/3D-75A0	MVE 3200/36D-75A0	3,252	3,176	105	103
79.4	56.0	MVE 4000/3D-75A0	MVE 4000/36D-75A0	4,033	4,052	108	104

ELECTRICAL SPECIFICATIONS							
Input Power (kW)		Nominal Current A max. (Y)		Ia / In		Cable Gland	
50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	
0.75	0.90	1.45	1.50	3.8	3.8	3/4" NPT 110 °C	
1.10	1.10	2.00	2.75	5.2	5.0	3/4" NPT 110 °C	
1.57	1.60	2.94	2.61	5.9	6.2	3/4" NPT 110 °C	
1.25	1.40	3.20	2.80	6.5	6.4	3/4" NPT 110 °C	
1.25	1.40	3.20	2.80	6.0	6.3	3/4" NPT 110 °C	
3.00	3.00	5.20	4.60	8.3	8.2	3/4" NPT 110 °C	
3.00	3.00	5.20	4.60	8.5	9.7	3/4" NPT 110 °C	

## 4 POLES - 1500/1800 rpm

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)	
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
56.8	39.4	MVE 700/15D-50A0	MVE 700/18D-50A0	714	712	45	
88.7	56.8	MVE 1100/15D-50A0	MVE 1100/18D-50A0	1,114	1,028	52	45
108.6	76.7	MVE 1400/15D-60A0	MVE 1400/18D-60A0	1,364	1,388	73	70
137.3	92.0	MVE 1700/15D-60A0	MVE 1700/18D-60A0	1,725	1,664	76	61
187.7	137.4	MVE 2400/15D-60A0	MVE 2400/18D-60A0	2,358	2,485	78	72
203.5	135.6	MVE 2500/15D-70A0	MVE 2500/18D-70A0	2,557	2,454	99	93
248.7	169.8	MVE 3000/15D-70A0	MVE 3000/18D-70A0	3,124	3,071	105	97
306.7	204.7	MVE 3800/15D-75A0	MVE 3800/18D-75A0	3,853	3,704	136	125
193.0	193.0	MVE 3811/15D-75A0	MVE 3811/18D-75A0	2,425	3,492	136	125
343.2	240.9	MVE 4300/15D-75A0	MVE 4300/18D-75A0	4,312	4,359	140	130
437.4	303.7	MVE 5500/15D-80A0	MVE 5500/18D-80A0	5,495	5,495	193	183

ELECTRICAL SPECIFICATIONS							
Input Power (kW)		Nominal Current A max. (Y)		Ia/In		Cable Gland	
50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Metric	
0.55	0.66	1.00	1.00	3.0	3.2	3/4" NPT 110 °C	
0.60	0.68	1.27	1.50	3.8	3.8	3/4" NPT 110 °C	
0.75	1.00	1.67	1.80	4.0	4.0	3/4" NPT 110 °C	
1.00	1.20	1.95	2.00	4.7	4.5	3/4" NPT 110 °C	
1.25	1.40	2.80	2.70	4.9	4.9	3/4" NPT 110 °C	
1.50	1.60	2.70	2.60	6.0	6.1	3/4" NPT 110 °C	
1.65	1.90	2.80	2.70	6.5	6.6	3/4" NPT 110 °C	
2.30	2.25	4.10	3.96	6.8	6.8	3/4" NPT 110 °C	
2.30	2.25	4.10	3.96	6.8	6.8	3/4" NPT 110 °C	
2.40	2.60	4.30	4.10	7.0	7.2	3/4" NPT 110 °C	
3.10	3.10	5.70	5.30	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

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



- » II 2 GD
- » Ex db IIB T4
- » Ex tb IIIC IP66 Tx
- » Compliance with Essential Health and Safety Requirements
- » IEC EN 60079-0, IEC EN 60079-31, IEC EN 60079-1