

MVE-D Explosion Proof Range

► 2 POLES

3000 - 3600 rpm

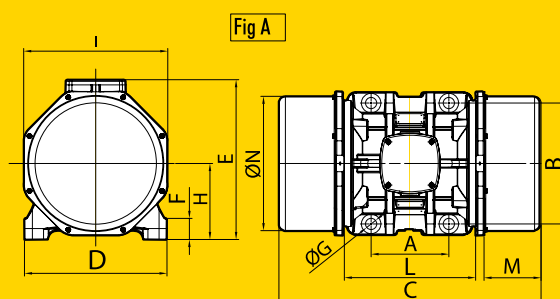
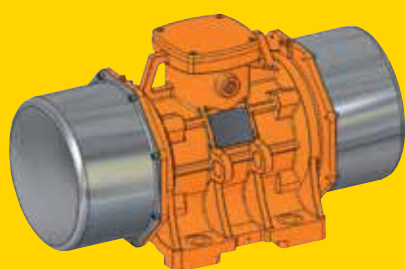
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D:  II 2GD Ex d IIB T4 Ex tD A21 IP66 T135°C
Ex d IIB T4 Gb
Ex tD A21 IIIC T135°C Db IP66
 CLASS I DIV.1 GROUPS C,D CLASS II DIV.1 GROUPS EFG T4 IP 66

MVE-D5:  II 2G Ex d IIB T3
Ex d IIB T3 Gb
 CLASS I DIV.1 GROUPS C,D T3

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Y)		50Hz	60Hz	Dust (°C)	Gas T	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz					
									400V	460V					
MVE 800/3D	15.68	11.06	794	800	29.0		0.75	0.90	1.45	1.50	3.80	3.80	135	T4	M20
MVE 1300/3D	26.58	18.60	1355	1365	30.4		1.30	1.38	2.44	2.25	5.20	5.00	135	T4	M20
MVE 1600/3D	31.26	22.22	1601	1608	60.0	59.6	1.57	1.60	2.94	2.61	5.90	6.20	135	T4	M25
MVE 2000/3D	36.78	27.60	2027	1997	61.2	60.4	2.00	2.10	3.75	3.42	6.50	6.40	135	T4	M25
MVE 2300/3D	45.97	31.87	2302	2306	62.0	60.0	2.40	2.45	4.44	3.94	6.00	6.30	135	T4	M25
MVE 3200/3D	68.10	43.89	3252	3176	111.4	109.8	2.90	2.90	5.30	4.61	8.30	8.20	135	T4	M32
MVE 4000/3D	79.40	55.99	4033	4052	115.4	111.4	2.90	2.90	5.30	4.61	8,5	9,7	135	T4	M32

(*) = Working moment = 2 x static moment



When you need it
Where you need it

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Standard ref.:
IEC60079-0; IEC60079-1; IEC61241-0; IEC61241-1
IECEX TUN 08.0012X



Cert. no: TUV 08 ATEX 362386 X



CONF. TO UL 1836, UL 1004
CERT. CSA C22.2 NO 25,100, 145



TYPE	Dimensional Features														
	FIG.	Size	C (mm) 50Hz - 60 Hz	M (mm) 50Hz - 60 Hz	A	B	Ø G	Holes	D	E	F	H	I	L	N
					(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MVE 800/3D	A	50	335	65	120	170	17	4	209	240	28	103	195	205	166.5
MVE 1300/3D	A	50	335	65	120	170	17	4	209	240	28	103	195	205	166.5
MVE 1600/3D	A	60	478	105	140	190	17	4	234	267	31	124	238	234	222
MVE 2000/3D	A	60	478	105	140	190	17	4	234	267	31	124	238	234	222
MVE 2300/3D	A	63	478	105	140	190	22	4	234	267	31	124	238	234	222
MVE 3200/3D	A	75	569	115	155	255	23.5	4	300	321	35	147	285	298	265
MVE 4000/3D	A	75	569	115	155	255	23.5	4	300	321	35	147	285	298	265

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

MVE-D Explosion Proof Range

► 4 POLES

1500 - 1800 rpm

CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D:  II 2GD Ex d IIB T4 Ex tD A21 IP66 T135°C

Ex d IIB T4 Gb

Ex tD A21 IIIC T135°C Db IP66

 CLASS I DIV.1 GROUPS C,D CLASS II DIV.1 GROUPS EFG T4 IP 66

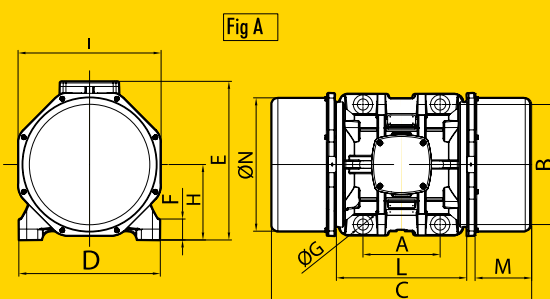
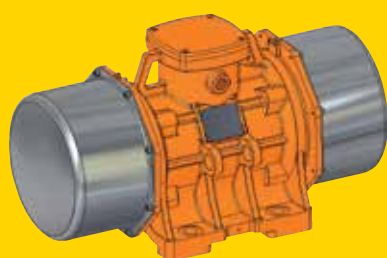
MVE-D5:  II 2G Ex d IIB T3

Ex d IIB T3 Gb

 CLASS I DIV.1 GROUPS C,D T3

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable
	Kgcm		Kg		Kg		Kw		A max (Y)		50Hz	60Hz	Dust	Gas	Glands
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz					
									400V	460V					
MVE 700/15D	56.83	39.36	714	712	35.8		0.62	0.73	1.32	1.41	3.00	3.20	135	T4	M20
MVE 1100/15D	88.67	56.83	1114	1028	44.2	39.2	0.65	0.78	1.50	1.70	3.80	3.80	135	T4	M20
MVE 1400/15D	108.57	76.72	1364	1388	68.2	66.6	0.90	1.10	1.71	1.78	4.00	4.00	135	T4	M25
MVE 1700/15D	137.31	91.98	1725	1664	70.2	67.8	1.15	1.30	2.16	2.09	4.70	4.50	135	T4	M25
MVE 2400/15D	187.69	137.36	2358	2485	76.4	70.4	1.60	1.90	3.00	3.20	4.90	4.90	135	T4	M25
MVE 2500/15D	203.53	135.65	2557	2454	98.4	92.4	1.80	2.00	3.40	3.40	6.00	6.10	135	T4	M25
MVE 3000/15D	248.66	169.75	3124	3071	105.9	95.4	1.90	2.30	3.70	3.80	6.50	6.60	135	T4	M25
MVE 3800/15D	306.69	204.74	3853	3704	138.4	126.8	2.20	2.60	4.12	4.15	6.80	6.80	135	T4	M32
MVE 3810/15D	306.69	204.74	3853	3704	140.5	128.9	2.20	2.60	4.12	4.15	6.80	6.80	135	T4	M32
MVE 4300/15D	343.22	240.95	4312	4359	142.8	132.0	2.50	3.00	5.70	5.80	7.00	7.20	135	T4	M32
MVE 5500/15D	437.39	303.74	5495	5495	200.6	198.4	3.60	3.45	6.50	6.60	7.10	7.00	135	T4	M32

(*) = Working moment = 2 x static moment



When you need it
Where you need it

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Standard ref.:
IEC60079-0; IEC60079-1; IEC61241-0; IEC61241-1
IECEX TUN 08.0012X



Cert. no: TUV 08 ATEX 362386 X



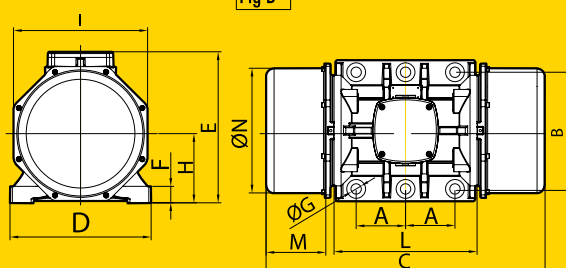
CONF. TO UL 1836, UL 1004
CERT. CSA C22.2 NO 25,100, 145



TYPE	Dimensional Features																
	FIG.	Size	C (mm)		M (mm)		A (mm)	B (mm)	Ø G (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)
			50Hz	60Hz	50Hz	60Hz											
MVE 700/15D	A	50	405		100		120	170	17	4	209	240	28	103	195	205	167
MVE 1100/15D	A	50	467	405	131	100	120	170	17	4	209	240	28	103	195	205	167
MVE 1400/15D	A	60	478		105		140	190	17	4	234	267	31	124	238	234	222
MVE 1700/15D	A	63	478		105		140	190	22	4	234	267	31	124	238	234	222
MVE 2400/15D	A	63	538		135		140	190	22	4	234	267	31	124	238	234	222
MVE 2500/15D	A	70	526		115		155	225	22	4	274	309	35	140	255	264	236
MVE 3000/15D	A	70	590		147		155	225	22	4	274	309	35	140	255	264	236
MVE 3800/15D	A	75	619		140		155	255	23.5	4	300	321	35	147	285	304	265
MVE 3810/15D	B	77	619		140		105	248	22	6	300	321	35	147	285	304	265
MVE 4300/15D	A	75	619		140		155	255	23.5	4	300	321	35	147	285	304	265
MVE 5500/15D	A	80	613		135		180	280	26	4	330	370	50	176	334	304	311

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

Fig B



MVE-D Explosion Proof Range

► 6 POLES

1000 - 1200 rpm

CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D: Ex II 2GD Ex d IIB T4 Ex tD A21 IP66 T135°C

Ex d IIB T4 Gb

Ex tD A21 IIIC T135°C Db IP66

CLASS I DIV.1 GROUPS C,D CLASS II DIV.1 GROUPS EFG T4 IP 66

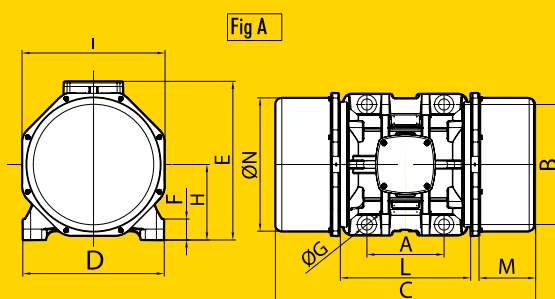
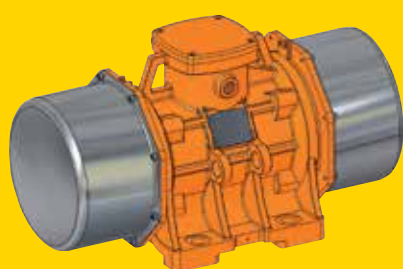
MVE-D5: Ex II 2G Ex d IIB T3

Ex d IIB T3 Gb

CLASS I DIV.1 GROUPS C,D T3

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable
	Kgcm		Kg		Kg		Kw		A max (Y)		50Hz	60Hz			
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz					
									400V	460V	(°C)	T			
MVE 500/1D	91.88	91.88	513	739	34.0		0.35	0.4	1.2	1.2	2.8	2.7	135	T4	M20
MVE 800/1D	137	109	767	873	70.2	67.8	0.7	0.8	1.3	1.3	2.8	2.8	135	T4	M25
MVE 1100/1D	188	137	1048	1104	87.8	81.4	0.8	0.8	1.4	1.3	3.2	3.1	135	T4	M25
MVE 1500/1D	285	197	1590	1580	92.0	84.9	1.1	1.3	2.1	2.0	3.3	3.3	135	T4	M25
MVE 1600/1D	300	203	1673	1636	108.4	97.4	1.1	1.3	2.8	3.2	3.7	3.6	135	T4	M25
MVE 2100/1D	373	249	2083	2000	122.7	108.9	1.5	1.8	3.0	3.0	4.3	4.4	135	T4	M25
MVE 2600/1D	467	307	2610	2466	157.0	139.9	1.9	2.1	3.6	3.4	4.8	4.8	135	T4	M32
MVE 3000/1D	540	380	3017	3053	163.8	146.2	2.2	2.4	4.5	4.3	5.0	5.0	135	T4	M32
MVE 3800/1D	680	437	3799	3517	224.0	203.2	2.5	3.0	4.7	4.9	5.9	6.0	135	T4	M32
MVE 4700/1D	838	584	4681	4697	239.2	220.8	3.2	3.9	6.5	6.0	5.5	5.7	135	T4	M32

(*) = Working moment = 2 x static moment



When you need it
Where you need it

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Standard ref.:
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IECEX TUN 08.0012X



Cert. no: TUV 08 ATEX 362386 X



CONF. TO UL 1836, UL 1004
CERT. CSA C22.2 NO 25,100, 145



TYPE	Dimensional Features																
	FIG.	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
			(mm)		(mm)		(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
			50Hz	60Hz	50Hz	60Hz											
MVE 500/1D	A	50	467		131		120	170	17	4	209	240	28	103	195	205	167
MVE 800/1D	A	60	478		105		140	190	17	4	234	267	31	124	238	234	222
MVE 1100/1D	A	63	538		135		140	190	22	4	234	267	31	124	238	234	222
MVE 1500/1D	A	60	598		165		140	190	17	4	234	267	31	124	238	234	222
MVE 1600/1D	A	70	590		147		155	225	22	4	274	309	35	140	255	264	236
MVE 2100/1D	A	70	650		177		155	225	22	4	274	309	35	140	255	264	236
MVE 2600/1D	A	75	739		200		155	255	23.5	4	300	321	35	147	285	304	265
MVE 3000/1D	A	75	739		200		155	255	23.5	4	300	321	35	147	285	304	265
MVE 3800/1D	A	80	693		175		180	280	26	4	330	370	50	176	334	304	311
MVE 4700/1D	A	80	753		205		180	280	26	4	330	370	50	176	334	304	311

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

MVE-D Explosion Proof Range

► 8 POLES

750 - 900 rpm

CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D:  II 2GD Ex d IIB T4 Ex tD A21 IP66 T135°C

Ex d IIB T4 Gb

Ex tD A21 IIIC T135°C Db IP66

 CLASS I DIV.1 GROUPS C,D CLASS II DIV.1 GROUPS EFG T4 IP 66

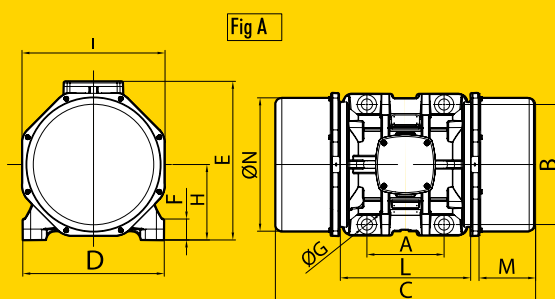
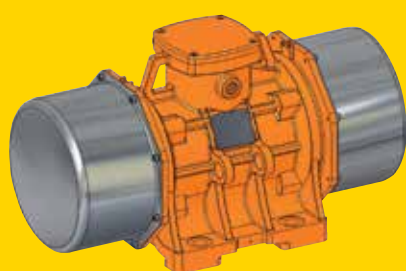
MVE-D5:  II 2G Ex d IIB T3

Ex d IIB T3 Gb

 CLASS I DIV.1 GROUPS C,D T3

TYPE	Mechanical Features				Electric Features										
	Working moment (*) Kgcm 50Hz - 60Hz	FC		Weight	Power		Current		Ia/In				Cable Glands		
		Kg	Kg	50Hz - 60Hz	Kw	60 Hz	A max (Y)		50Hz	60Hz	Dust (°C)	Gas T			
							50 Hz	60 Hz						400V	460V
MVE 250/075D	56.93	179	257	37.9	0.35	0.38	1.15	1.15	1.70	1.70	135	T4	M20		
MVE 400/075D	84.02	264	380	43.4	0.35	0.38	1.15	1.15	1.90	1.90	135	T4	M20		
MVE 650/075D	137.31	431	621	73.1	0.50	0.60	1.20	1.20	2.20	2.20	135	T4	M25		
MVE 900/075D	187.72	589	849	79.4	0.65	0.78	1.23	1.29	2.50	2.50	135	T4	M25		
MVE 1300/075D	299.60	941	1355	108.2	1.00	1.10	1.86	1.83	3.00	3.00	135	T4	M25		
MVE 2100/075D	467.41	1468	2114	158.8	1.50	1.80	2.81	2.89	4.20	4.10	135	T4	M32		
MVE 3100/075D	680.34	2137	3077	220.6	2.00	2.30	3.79	3.77	4.00	4.00	135	T4	M32		
MVE 3800/075D	838.43	2633	3792	238.6	2.50	3.00	6.00	6.00	3.90	4.00	135	T4	M32		

(*) = Working moment = 2 x static moment



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IECEX TUN 08.0012X



Cert. no: TUV 08 ATEX 362386 X



CONF. TO UL 1836, UL 1004
CERT. CSA C22.2 NO 25,100, 145



TYPE	Dimensional Features														
	FIG.	Size	C (mm) 50Hz - 60 Hz	M (mm) 50Hz - 60 Hz	A	B	Ø G	Holes	D	E	F	H	I	L	N
					(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MVE 250/075D	A	50	405	100	120	170	17	4	209	240	28	103	195	205	167
MVE 400/075D	A	50	467	131	120	170	17	4	209	240	28	103	195	205	167
MVE 650/075D	A	60	478	105	140	190	17	4	234	267	31	124	238	234	222
MVE 900/075D	A	63	538	135	140	190	22	4	234	267	31	124	238	234	222
MVE 1300/075D	A	70	590	147	155	225	22	4	274	309	35	140	255	264	236
MVE 2100/075D	A	75	739	200	155	255	23.5	4	300	321	35	147	285	304	265
MVE 3100/075D	A	80	693	175	180	280	26	4	330	370	50	176	334	304	311
MVE 3800/075D	A	80	753	205	180	280	26	4	330	370	50	176	334	304	311

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1