

Electric Motovibrators MVE-Type

Good Vibrations
*When you need it
Where you need it*



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MVE

Standard Range

2 poles	2-3
4 poles	4-5
6 poles	6-7
8 poles	8-9
2 poles single phase	10-11
Micro MVE	12-13
DC	14-15

MVE - E

Increased Safety Range

2 poles	16-17
4 poles	18-19
6 poles	20-21
8 poles	22-23

MVE - D

Explosion Proof Range

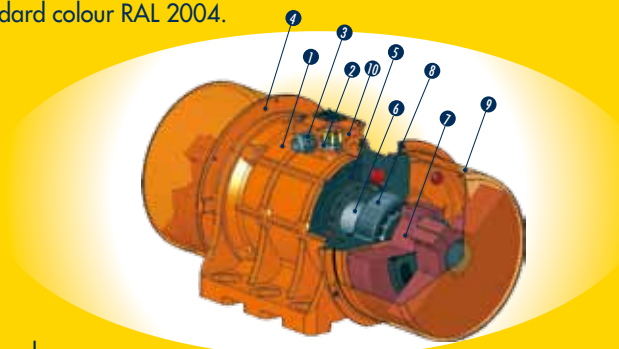
2 poles	24-25
4 poles	26-27
6 poles	28-29
8 poles	30-31

MVE - S

with Split Cover

4 poles	32-33
6 poles	34-35
8 poles	36-37

- FRAME:**
Aluminium frame from size 10 to 50 and ductile cast iron from size 60 to 90
- TERMINAL PLATE:**
M5 from size 10 to 50 and M6 from size 60 to 90
- CABLE GLANDS:**
Plastic M16 and M20 from size 10 to 50 and metal M25 and M32 from size 60 to 90
- FLANGE:**
Gray cast iron from size 10 to 90
- WINDINGS:**
2,4,6 and 8 poles three-phase asynchronous motor from size 10 to 90;
2 poles single phase from size 10 to 30.
All motors are vacuum impregnated (VPI SYSTEM); PTC thermistore 130°C standard from size 60; Class F (155°C); continuous service (S1);
- SHAFT:**
Steel alloy high resistant to stress; PTC thermistore 130°C standard from size 60
- ECCENTRIC WEIGHTS:**
Completely adjustable; the scale express the centrifugal force as a percentage of the maximum centrifugal force.
- BEARING:**
Ball bearing from size 10 to 50 and roller bearing from size 50 (for some types only) to 90 (C3 clearance)
- COVER**
Aluminium alloy from size 10 to 50 and steel from size 60 to 90.
Stainless steel AISI 304 for direct current motovibrators.
For explosion proof range, all the covers are made of stainless steel.
- SURFACE TREATMENT**
Polyester epoxy powder painting.
Standard colour RAL 2004.



Power supply

- Three-phase from 12V to 690V, 50Hz or 60Hz;
- Single phase 110V 60Hz and 220V 50Hz.
- All motors are designed for inverter application from 20Hz to base frequency

Conformity with European Directive

- Low voltage 2006/95/EC
- EMC 2004/108/EC
- Machine directive 2006/42/EC
- ATEX 94/9/EC

Mechanical protection IP66 according to EN 60529

MVE - Standard Range

► 2 POLES

3000 - 3600 rpm



- II 3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Class II Div.2	II 3 D	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Y)				Temp. Class	Temp. Class	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	(T)	(°C)	
MVE 60/3	1.31	0.98	66	71	4.2		0.08	0.09	0.16	0.18	3.0	3.0	T4	100	M16
MVE 100/3	1.96	1.31	98	95	4.6		0.1	0.11	0.19	0.18	3.0	3.0	T4	100	M16
MVE 200/3	3.72	2.61	187	189	7.0		0.18	0.21	0.35	0.35	3.3	3.30	T4	100	M20
MVE 202/3	3.72	2.61	187	189	7.2		0.18	0.21	0.35	0.35	3.3	3.30	T4	100	M20
MVE 300/3	6.39	4.46	321	323	9.8		0.27	0.28	0.52	0.45	3.60	3.50	T4	100	M20
MVE 400/3	7.96	5.68	407	411	10.3		0.30	0.36	0.58	0.60	3.50	3.50	T4	100	M20
MVE 500/3	10.27	7.38	530	534	15.8		0.50	0.58	0.96	0.97	4.00	4.20	T4	100	M20
MVE 700/3	14.90	10.57	758	765	16.5		0.66	0.75	1.25	1.24	4.30	5.00	T4	100	M20
MVE 800/3	15.68	11.06	794	800	20.6		0.75	0.90	1.45	1.50	3.80	3.80	T4	100	M20
MVE 1200/3	20.26	14.00	1005	1013	21.6		0.95	1.15	1.85	1.95	4.40	4.50	T4	100	M20
MVE 1300/3	26.58	18.60	1355	1365	22.0		1.30	1.38	2.44	2.25	5.20	5.00	T4	100	M20
MVE 1301/3	26.58	18.60	1355	1365	34		1.30	1.38	2.44	2.25	5.20	5.00	T4	100	M20
MVE 1310/3	22.34	22.34	1123	1616	34		1.30	1.38	2.44	2.25	5.20	5.00	T4	100	M20
MVE 1600/3	31.26	22.22	1601	1608	51.6	51.2	1.57	1.60	2.94	2.61	5.90	6.20	T4	135	M25
MVE 2000/3	36.78	27.60	2027	1997	52.8	52.0	2.00	2.10	3.75	3.42	6.50	6.40	T4	135	M25
MVE 2300/3	45.97	31.87	2302	2306	53.6	51.6	2.40	2.45	4.44	3.94	6.00	6.30	T4	135	M25
MVE 3200/3	68.10	43.89	3252	3176	103.0	101.4	2.90	2.90	5.30	4.61	8.30	8.20	T4	135	M32
MVE 4000/3	79.40	55.99	4033	4052	107.0	103.8	2.90	2.90	5.30	4.61	8.5	9.7	T4	135	M32
MVE 5000/3	103.24	69.76	5009	5048	111.2	105.8	4.00	4.00	7.22	6.28	8.50	9.80	T4	135	M32
TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Class II Div.2	II 3 D	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Δ)				Temp. Class	Temp. Class	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	(T)	(°C)	
MVE 6500/3	129.55	90.54	6510	6552	228.4	229.6	5.50	5.50	9.5	8	4.20	5.30	T4	135	M32
MVE 9000/3	179.59	129.55	9025	9375	240.3	234.7	10.00	9.30	14.00	18.00	5.00	5.00	T4	135	M32

(*) = Working moment = 2 x static moment

Fig A

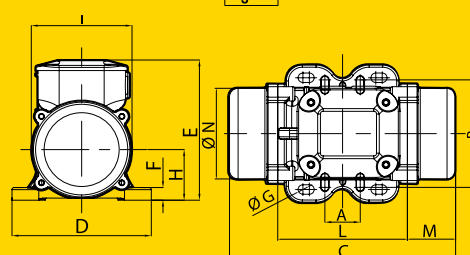
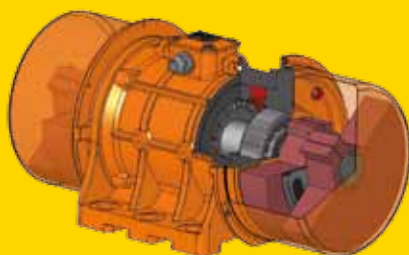
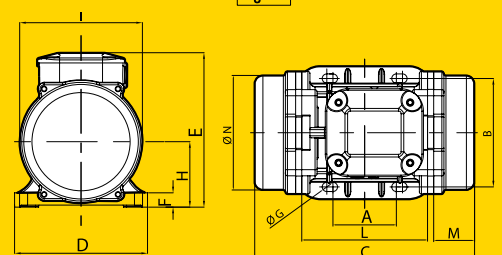


Fig B



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

ETL - Class II Div.2 Group F, G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
- Intertek ETL - SEMCO File Number 3177001



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 60/3	A	10	211		45		*	*	*	4	130	136	12	48	94	121	85
MVE 100/3	A	10	211		45		*	*	*	4	130	136	12	48	94	121	85
MVE 200/3	B	20	231		54		62-74	106	9	4	131	159	15	64	121	123	112
MVE 202/3	G	23	218		53		**	**	**	4	164	140	25	82	116	159	110
MVE 300/3	C	30	253		45		***	***	***	4	154	175	15	79	142	163	131
MVE 400/3	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 500/3	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 700/3	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 800/3	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1200/3	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1300/3	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1301/3	D	53	321		58		100	180	17	4	236	210	26	98	180	205	170
MVE 1310/3	D	55	321		58		100	200	17	4	236	210	26	98	180	205	170
MVE 1600/3	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 2000/3	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 2300/3	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 3200/3	D	75	538		115		155	255	25	4	302	318	35	147	295	273	264
MVE 4000/3	D	75	538		115		155	255	25	4	302	318	35	147	295	273	264
MVE 5000/3	D	75	588	538	140	115	155	255	25	4	302	318	35	147	295	273	264
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 6500/3	D	85	605		120		200	320	28	4	385	410	49	199	421	325	378
MVE 9000/3	D	85	605		120		200	320	28	4	385	410	49	199	421	325	378

Fig A

	A mm	B mm	Ø G mm
*	62 - 74	106	9
	33	83-102	7

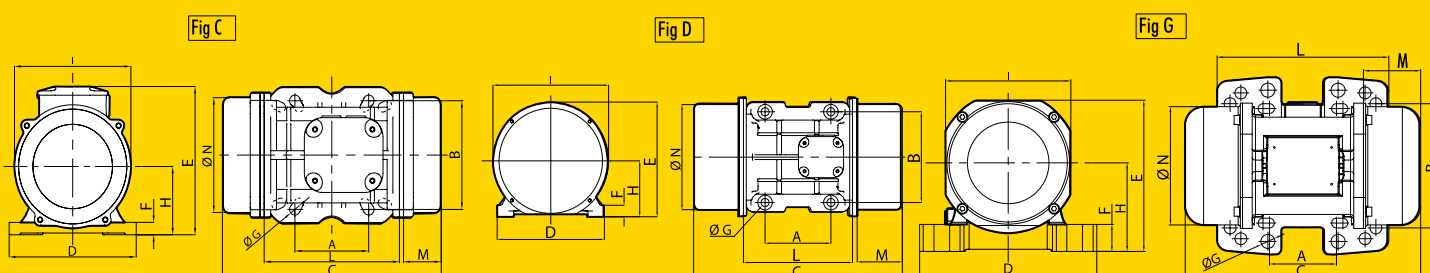
Fig G

	A mm	B mm	Ø G mm
**	62 - 74	106	9
	65	140	13
	115	135	11
	135	115	11

Fig C

	A mm	B mm	Ø G mm
***	80	110	11
	90	125	13
	124	110	11
	135	115	11

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



MVE - Standard Range

► 4 POLES

1500 - 1800 rpm



- II/3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Y)				Class II Div.2	I13 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	Temp. Class	
									400V	460V			(T)	(°C)	
MVE 40/15	1.97	1.97	25	36	4.6		0.04	0.05	0.31	0.31	2.00	2.00	T4	100	M16
MVE 90/15	5.97	4.2	75	76	7.4		0.09	0.1	0.26	0.25	2.00	2.00	T4	100	M20
MVE 200/15	15.44	10.83	194	196	11.8		0.16	0.17	0.49	0.50	2.00	2.00	T4	100	M20
MVE 400/15	33.43	23.38	420	423	19.5		0.30	0.35	0.84	0.86	2.50	2.50	T4	100	M20
MVE 500/15	40.12	28.08	504	508	21.0		0.35	0.40	1.06	1.09	2.80	2.70		100	M20
MVE 300/15	26.58	18.60	334	336	22.5		0.62	0.73	1.32	1.41	3.00	3.20	T4	100	M20
MVE 700/15	56.83	39.36	714	712	27.4		0.62	0.73	1.32	1.41	3.00	3.20		100	M20
MVE 1100/15	88.67	62.02	1114	1122	35.8	28	0.65	0.78	1.50	1.70	3.80	3.80		100	M20
MVE 1400/15	108.57	76.72	1364	1388	59.8	58.2	0.90	1.10	1.71	1.78	4.00	4.00		135	M25
MVE 1700/15	137.31	91.98	1725	1664	61.8	59.4	1.15	1.30	2.16	2.09	4.70	4.50	T4	135	M25
MVE 2400/15	187.69	137.36	2358	2485	68.0	62.0	1.60	1.90	3.00	3.20	4.90	4.90		135	M25
MVE 2500/15	203.53	135.65	2557	2454	90.0	84.0	1.80	2.00	3.40	3.40	6.00	6.10	T4	135	M25
MVE 3000/15	248.66	169.75	3124	3071	97.5	87.0	1.90	2.30	3.70	3.80	6.50	6.60		135	M25
MVE 3800/15	306.69	204.74	3853	3704	130.4	118.4	2.20	2.60	4.12	4.15	6.80	6.80	T4	135	M32
MVE 4300/15	343.22	240.95	4312	4359	134.4	123.6	2.50	3.00	5.70	5.80	7.00	7.20		135	M32
MVE 5500/15	437.39	303.74	5495	5495	192.2	190.0	3.60	3.45	6.50	6.60	7.10	7.00	T4	135	M32
TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Δ)				Class II Div.2	I13 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	Temp. Class	
									400V	460V			(T)	(°C)	
MVE 7200/15	576.76	397.32	7246	7188	253.0	246.6	5.00	6.00	9.60	9.41	6.80	6.90	T4	135	M32
MVE 9000/15	717.97	498.76	9020	9023	268.6	257.8	7.50	8.50	12.00	12.00	7.00	7.00		135	M32
MVE 10000/15	800.11	588.30	10052	10643	311.8	297.4	7.80	9.40	13.00	13.00	6.50	6.40	T4	135	M32
MVE 11500/15	932.2	655.4	11779	11853	445	422	10	10.5	17.50	15.50	7	7	/	135	M32
MVE 14500/15	1142.4	837.6	14352	15153	460	442	11	12	20	20	8	8	/	135	M32

(*) = Working moment = 2 x static moment

Fig A

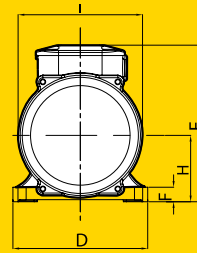
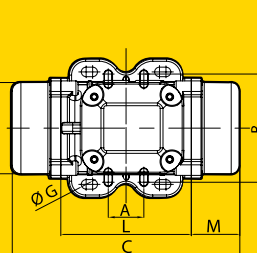
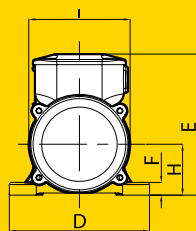
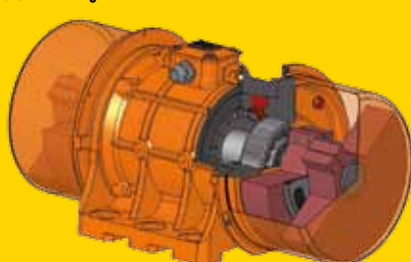
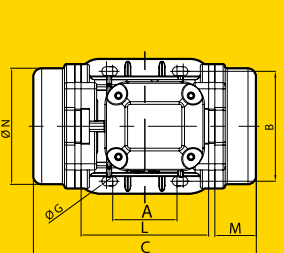


Fig B



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

ETL
- Class II Div.2 Group F, G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
- Intertek ETL - SEMCO File Number 3177001



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
MVE 40/15	A	10	211		45		*	*	*	4	130	136	12	48	94	121	85
MVE 90/15	B	20	231		54		62-74	106	9	4	131	159	15	64	121	123	112
MVE 200/15	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 400/15	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 500/15	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 300/15	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 700/15	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170
MVE 1100/15	D	50	451	391	123	93	120	170	17	4	208	210	22	94	180	205	170
MVE 1400/15	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 1700/15	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 2400/15	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 2500/15	D	70	522	486	123	105	155	225	22	4	272	284	40	140	267	250	235
MVE 3000/15	D	70	556	486	123	105	155	225	22	4	272	284	40	140	267	250	235
MVE 3800/15	D	75	588	538	140	115	155	255	23.5	4	302	318	35	147	295	273	264
MVE 4300/15	D	75	588		140		155	255	23.5	4	302	318	35	147	295	273	264
MVE 5500/15	D	80	603		130		180	280	26	4	332	360	37	167	345	304	310

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)	(mm)	
																	50Hz
MVE 7200/15	D	85	605		120		200	320	28	4	385	410	49	200	422	325	378
MVE 9000/15	D	85	605		120		200	320	28	4	385	410	49	200	422	325	378
MVE 10000/15	E	90	726	646	160	120	125	380	38	6	452	430	44	204	422	367	378
MVE 11500/15	E	100	890		210		140	440	45	6	530	484	37	232	446	470	424
MVE 14500/15	E	100	890		210		140	440	45	6	530	484	37	232	446	470	424

Fig A

	A	B	Ø G
*	mm	mm	mm
	62 - 74	106	9
	33	83-102	7

Fig C

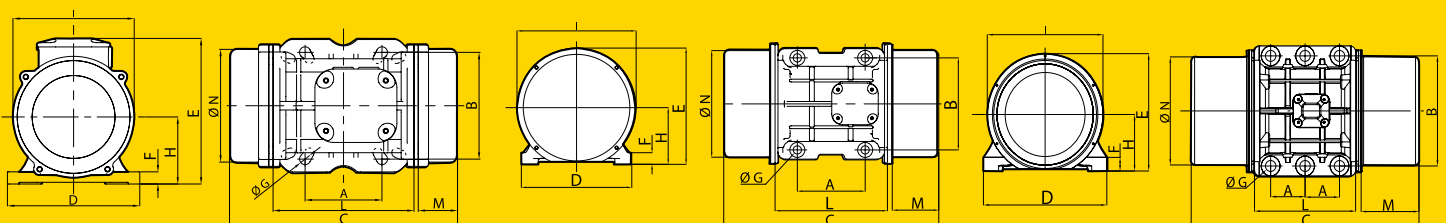
	A	B	Ø G
	mm	mm	mm
***	80	110	11
	90	125	13
	124	110	11
	135	115	11

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

Fig C

Fig D

Fig E



MVE - Standard Range

► 6 POLES

1000 - 1200 rpm



- II3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable
													Class II Div.2	II3 D	
	Kgcm	Kg	Kg	Kw	A max (Y)	Temp. Class	Temp. Class	Glande							
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	(T)	(°C)		
								400V	460V						
MVE 50/1	9.49	6.59	53	53	10.4		0.12	0.14	0.40	0.40	2.00	2.00	T4	100	M20
MVE 100/1	18.80	13.18	105	106	12.2		0.12	0.14	0.40	0.40	2.00	2.00		100	M20
MVE 200/1	33.49	23.38	187	188	19.6		0.18	0.21	0.53	0.51	2.00	2.00		T4	100
MVE 300/1	56.93	39.85	318	320	26.6		0.35	0.38	0.67	0.64	2.50	2.50	T4	100	M20
MVE 500/1	91.88	64.32	513	517	34.0		0.35	0.40	1.20	1.15	2.80	2.70		100	M20
MVE 510/1	91.88	91.88	513	739	34.5		0.35	0.40	1.20	1.15	2.80	2.70		100	M20
MVE 800/1	137.37	108.58	767	873	61.8	59.4	0.68	0.76	1.29	1.26	2.80	2.80	T4	135	M25
MVE 1100/1	187.69	137.31	1048	1104	79.4	73.0	0.75	0.80	1.42	1.32	3.20	3.10		135	M25
MVE 1500/1	284.76	196.51	1590	1580	83.6	76.5	1.10	1.30	2.10	2.00	3.30	3.30		135	M25
MVE 1600/1	299.63	203.47	1673	1636	99.8	89.0	1.10	1.30	2.83	3.22	3.70	3.60	T4	135	M25
MVE 2100/1	373.05	248.74	2083	2000	114.3	100.5	1.50	1.80	3.00	3.00	4.30	4.40		135	M25
MVE 2600/1	467.44	306.70	2610	2466	148.6	131.5	1.96	2.10	3.63	3.38	4.80	4.80		T4	135
MVE 3000/1	540.33	379.71	3017	3053	155.4	137.8	2.20	2.40	4.50	4.30	5.00	5.00	135		M32
MVE 5210/1	939.60	657.90	5237	5290	225	191	3.80	4	6.92	6.36	5.50	5.50	T4		135
MVE 3800/1	680.38	437.41	3799	3517	215.6	194.8	2.50	3.00	4.67	4.88	5.90	6.00	T4	135	M32
MVE 4700/1	838.34	584.17	4681	4697	230.8	212.4	3.20	3.90	6.50	6.00	5.50	5.70		135	M32
MVE 5200/1	929.86	654.57	5192	5263	279.8	264.2	3.80	4.00	6.92	6.36	5.50	5.50		T4	135
MVE 6500/1	1165.19	823.96	6506	6625	304.4	280.7	4.30	5.00	7.76	7.81	6.20	6.00	135		M32
TYPE	Working moment (*) (Kgcm)		FC (Kg)		Weight (Kg)		Power (Kw)		Current A max (Δ)		Ia/In				Cable Glande
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz/400v	60Hz/460V	50Hz	60Hz	Class II Div.2 Temp. Class (T)	II3 D Temp. Class (°C)	
MVE 8000/1	1435.98	929.80	8018	7476	325.2	290	7.10	7.50	12.60	11.60	6.00	6.20	T4	135	M32
MVE 9000/1	1600.39	1165.23	8936	9369	337.8	307.6	7.50	8.30	13.20	12.60	6.30	6.20		135	M32
MVE 10000/1	1788.44	1239.98	9986	9970	385.8	359.3	7.60	8.00	13.50	12.70	6.40	6.40		T4	135
MVE 13000/1	2329.84	1647.42	13009	13246	422.2	375.6	10.00	10.00	17.00	16.00	6.20	6.2	135		M32
MVE 12000/1	2253	1550	12580	12466	522	476	9	9.5	16	15	5	5.5	/		135
MVE 15000/1	2634	1856	14706	14923	672	630	11.3	12	19	18	5.8	5.8	/	135	M32
MVE 17500/1	3220	2147	17980	17264	744	684	13	14.2	22	21	5.6	5.9	/	135	M32
MVE 19500/1	3632	2525	20285	20299	768	728	14	14.5	25	24	5.4	5.6	/	135	M32
MVE 22000/1	4067	2622	22711	21079	916	868	16.5	16.3	32	28	4.8	5.3	/	135	M32
MVE 25000/1	4572	3163	25532	25432	994	937	16.5	16.3	32	28	5	5.5	/	135	M32

(*) = Working moment = 2 x static moment

Fig C

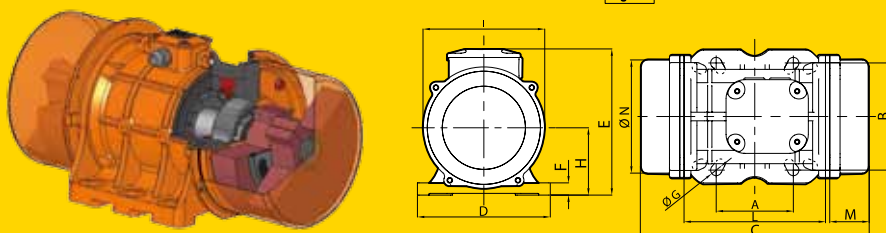
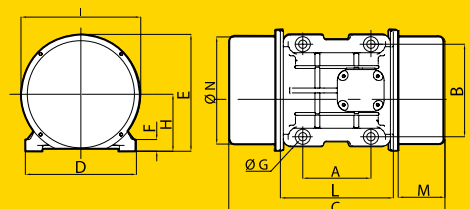


Fig D



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


 - Class II Div.2 Group F, G - T4 - NEMA 4
 - Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
 - Intertek ETL - SEMCO File Number 3177001



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 50/1	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 100/1	C	30	303		70		***	***	***	4	154	175	15	79	142	163	131
MVE 200/1	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 300/1	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170
MVE 500/1	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 510/1	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 800/1	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 1100/1	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 1500/1	D	60	562	510	154	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1600/1	D	70	556	522	140	123	155	225	22	4	272	284	40	140	267	250	235
MVE 2100/1	D	70	616	556	170	140	155	225	22	4	272	284	40	140	267	250	235
MVE 2600/1	D	75	708	588	200	140	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3000/1	D	75	708	608	200	150	155	255	23.5	4	302	318	35	147	295	273	264
MVE 5210/1	E	78	794		242		105	248	22	6	300	335	30	163	305	310	284
MVE 3800/1	D	80	683	603	170	130	180	280	26	4	332	360	37	167	345	304	310
MVE 4700/1	D	80	733	683	195	170	180	280	26	4	332	360	37	167	345	304	310
MVE 5200/1	D	85	685	605	160	120	200	320	28	4	385	410	49	200	422	325	378
MVE 6500/1	D	85	685		160		200	320	28	4	385	410	49	200	422	325	378
TYPE	FIG.	Size	C (mm)		C (mm)		A (mm)	B (mm)	ØG (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)
			50Hz	60Hz	50Hz	60Hz											
MVE 8000/1	D	85	785	685	210	160	200	320	28	4	385	410	49	200	422	325	378
MVE 9000/1	D	85	785	685	210	160	200	320	28	4	385	410	49	200	422	325	378
MVE 10000/1	E	90	826		210		125	380	38	6	452	430	44	204	422	367	378
MVE 13000/1	E	90	926	826	260	210	125	380	38	6	452	430	44	204	422	367	378
MVE 12000/1	E	100	1020		275		140	440	45	6	530	484	37	232	446	470	424
MVE 15000/1	H	105	980		210		140	480	45	8	570	542	48	268	510	560	490
MVE 17500/1	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 19500/1	H	105	1060		250		140	480	45	8	570	542	48	268	510	560	490
MVE 22000/1	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530
MVE 25000/1	H	110	1130		285		140	520	45	8	610	594	42	297	560	560	530

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

Fig E

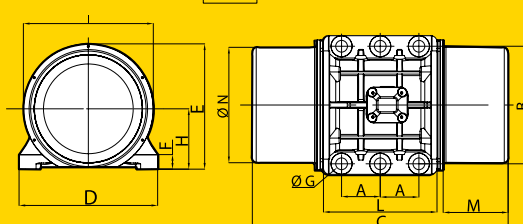
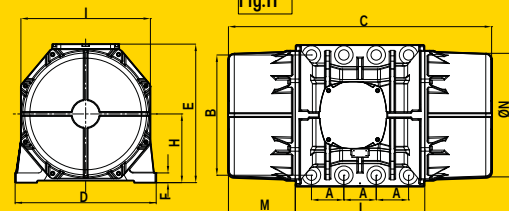


Fig.H



	A	B	Ø G
mm	mm	mm	mm
***	80	110	11
	90	125	13
	124	110	11
	135	115	11

MVE - Standard Range

► 8 POLES

750 - 900 rpm



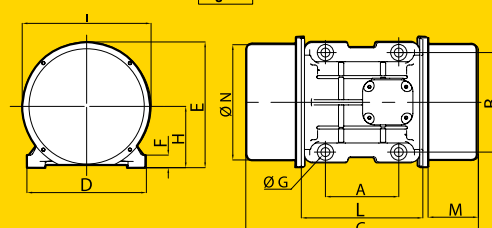
- II 3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features					Electric Features								
	Working moment (*)		FC		Weight	Power		Current		Ia/In				Cable Glands
	Kgcm		Kg		Kg	Kw		A max (Y)				Class II Div.2	II3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz - 60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	Temp. Class	
								400V	460V			(T)	(°C)	
MVE 150/075	33.39		105	151	21.4	0.23	0.25	1.14	1.14	1.50	1.50	T4	100	M20
MVE 250/075	56.93		179	257	29.5	0.35	0.38	1.15	1.15	1.70	1.70	T4	100	M20
MVE 400/075	84.02		264	380	35.0	0.35	0.38	1.15	1.15	1.90	1.90		100	M20
MVE 650/075	137.31		431	621	64.7	0.50	0.60	1.20	1.20	2.20	2.20	T4	135	M25
MVE 900/075	187.72		589	849	71.0	0.65	0.78	1.23	1.29	2.50	2.50		135	M25
MVE 1300/075	299.60		941	1355	99.8	1.00	1.10	1.86	1.83	3.00	3.00	T4	135	M25
MVE 2100/075	467.41		1468	2114	150.4	1.50	1.80	2.81	2.89	4.20	4.10	T4	135	M32
MVE 3100/075	680.34		2137	3077	212.2	2.00	2.30	3.79	3.77	4.00	4.00	T4	135	M32
MVE 3800/075	838.43		2633	3792	230.2	2.50	3.00	6.00	6.00	3.90	4.00		135	M32
MVE 4200/075	929.74		2920	4205	284.5	2.90	3.40	6.50	6.50	3.80	3.70	T4	135	M32
MVE 5300/075	1165.22		3660	5270	305	4.00	4.30	8.50	8.00	3.80	4.20		135	M32
MVE 6500/075	1435.85		4510	6494	324.4	5.00	5.90	10.00	10.00	3.60	4.00		135	M32
TYPE	Mechanical Features					Electric Features								
	Working moment (*)		FC		Weight	Power		Current		Ia/In				Cable Glands
	Kgcm		Kg		Kg	Kw		A max (Δ)				Class II Div.2	II3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz - 60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	Temp. Class	
								400V	460V			(T)	(°C)	
MVE 10000/075	2200.43		6911	9952	422.2	6.80	7.50	13.50	12.5	3.5	4.2	T4	135	M32
MVE 12000/075	2835	2553	8904	11546	571	7.5	8	14	13.5	3.8	4	/	135	M32
MVE 14000/075	3713	3220	11661	14563	751	9.2	9.5	21	19	4.5	5	/	135	M32
MVE 17000/075	4401	3920	13822	17729	812	10.5	11	22	20	5.3	5.8	/	135	M32
MVE 22000/075	5857	4999	18395	22610	982	12.5	16	26	28	5.6	5.2	/	135	M32
MVE 26000/090	/	5857	/	5084	/	/	16	/	28	/	5.2	/	135	M32

(*) = Working moment = 2 x static moment



Fig D



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

ETL
- Class II Div.2 Group F, G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
- Intertek ETL - SEMCO File Number 3177001



TYPE	Dimensional Features														
	FIG.	Size	C	M	A	B	Ø G	Holes	D	E	F	H	I	L	N
			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
			50Hz - 60Hz	50Hz - 60Hz					n°						
MVE 150/075	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158
MVE 250/075	D	50	391	93	120	170	17	4	208	210	22	94	180	205	170
MVE 400/075	D	50	451	123	120	170	17	4	208	210	22	94	180	205	170
MVE 650/075	D	60	446	96	140	190	17	4	229	262	30	120	247	220	222
MVE 900/075	D	60	510	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1300/075	D	70	556	140	155	225	22	4	272	284	40	140	267	250	235
MVE 2100/075	D	75	708	200	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3100/075	D	80	683	170	180	280	26	4	332	360	37	167	345	304	310
MVE 3800/075	D	80	733	195	180	280	26	4	332	360	37	167	345	304	310
MVE 4200/075	D	85	685	160	200	320	28	4	385	410	49	199	422	325	378
MVE 5300/075	D	85	685	160	200	320	28	4	385	410	49	199	422	325	378
MVE 6500/075	D	85	785	210	200	320	28	4	385	410	49	199	422	325	378
TYPE	Dimensional Features														
	FIG.	Size	C	M	A	B	Ø G	Holes	D	E	F	H	I	L	N
			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
			50Hz - 60Hz	50Hz - 60Hz				n°							
MVE 10000/075	E	90	926	260	125	380	38	6	452	430	44	204	422	367	378
MVE 12000/075	E	100	1020	275	140	440	45	6	530	484	37	232	446	470	424
MVE 14000/075	H	105	1060	250	140	480	45	8	570	542	48	268	510	560	490
MVE 17000/075	H	105	1120	280	140	480	45	8	570	542	48	268	510	560	490
MVE 22000/075	H	110	1130	285	140	520	45	8	610	594	42	297	560	560	530
MVE 26000/090	H	110	1130	285	140	520	45	8	610	594	42	297	560	560	530

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

Fig E

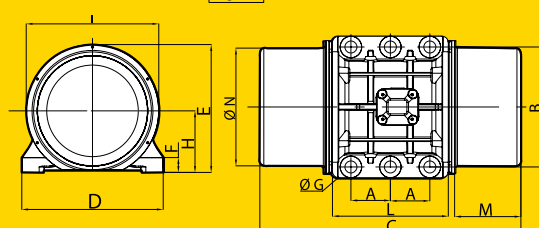
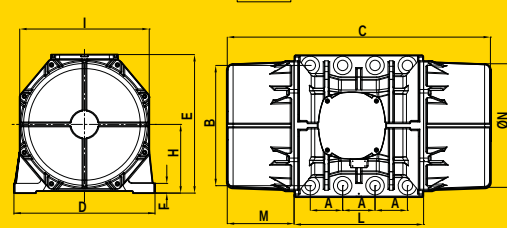


Fig.H



MVE - Standard Range

► 2 POLES SINGLE PHASE 3000 - 3600 rpm

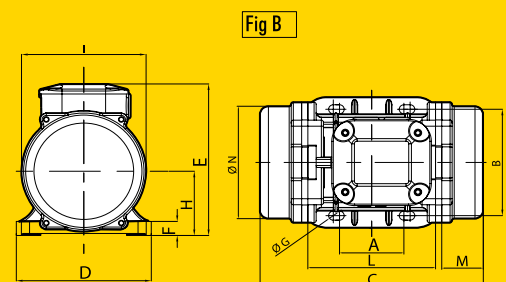
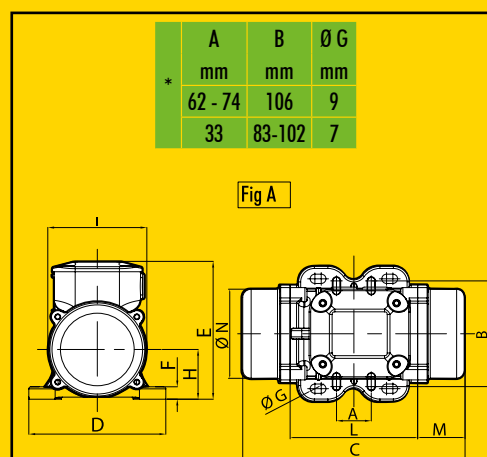


- II3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features			Electric Features					
	Working moment (*)	FC	Weight	Power	Current	Ia/In	Ex	Cable Glande	CAPACITOR
	Kgcm	Kg	Kg	Kw	A max (Y)		II3 D		50Hz
	50Hz	50Hz	50Hz	50 Hz	50 Hz		Temp. Class (°C)		230V
MVE 60/3M	1.31	66	4.2	0.08	0.43	3.0	100	M16	3 µF
MVE 100/3M	1.96	98	4.6	0.1	0.54	3.0	100	M16	4 µF
MVE 200/3M	3.72	187	7.0	0.18	1.14	3,3	100	M20	8 µF
MVE 202/3M	3.72	187	7.2	0.18	1.14	3,3	100	M20	8 µF
MVE 300/3M	6.39	321	9.8	0.27	1.58	3.60	100	M20	12.5 µF

TYPE	Mechanical Features			Electric Features					
	Working moment (*)	FC	Weight	Power	Current	Ia/In	Ex	Cable Glande	CAPACITOR
	Kgcm	Kg	Kg	Kw	A max (Y)		II3 D		60Hz
	60Hz	60Hz	60Hz	60 Hz	60 Hz		Temp. Class (T)		115V
MVE 60/3M	0.98	71	4.2	0.09	1.03	3.0	T4	M16	6.3 µF
MVE 100/3M	1.31	95	4.6	0.11	1.3	3.0	T4	M16	8 µF
MVE 200/3M	2.61	189	7.0	0.21	2.62	3.30	T4	M20	16 µF
MVE 202/3M	2.61	189	7.2	0.21	2.62	3.30	T4	M20	16 µF
MVE 300/3M	4.46	323	9.8	0.28	3.43	3.50	T4	M20	25 µF

(*) = Working moment = 2 x static moment



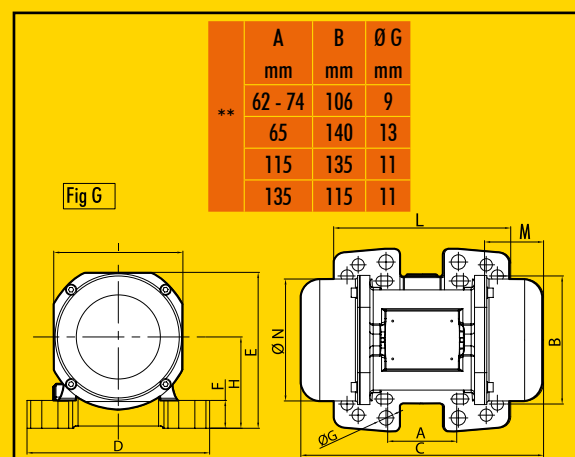
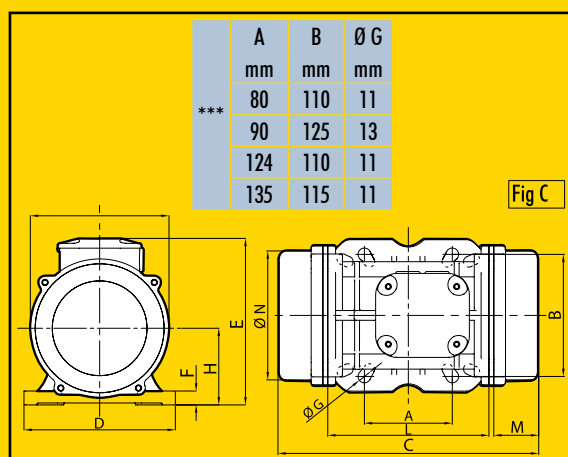
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

ETL
- Class II Div.2 Group F, G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
- Intertek ETL - SEMCO File Number 3177001



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 60/3M	A	10	211		45		*	*	*	4	130	136	12	48	94	121	85
MVE 100/3M	A	10	211		45		*	*	*	4	130	136	12	48	94	121	85
MVE 200/3M	B	20	231		54		62-74	106	9	4	131	159	15	64	121	123	112
MVE 202/3M	G	23	218		53		**	**	**	4	164	140	25	82	116	159	110
MVE 300/3M	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131

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



MVE - Standard Range

► MICRO MVE 3000 - 3600 rpm



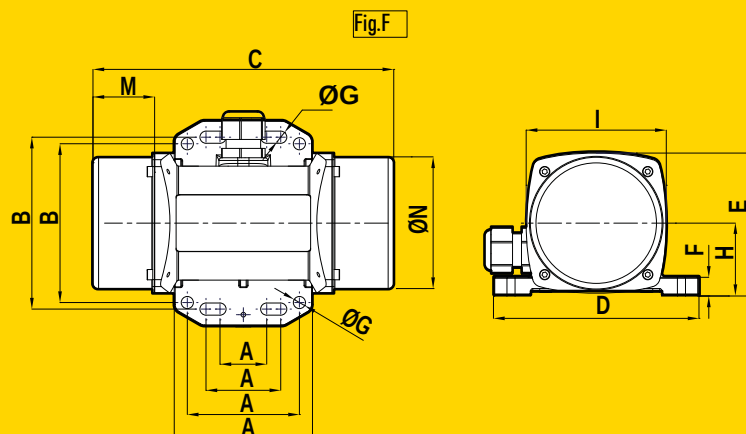
- II 3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

THREE PHASE	Mechanical Features					Electric Features							
	Working moment (*)		FC		Weight	Power		Current			For 60 Hz	For 50 Hz	Cable Glande
	Kgcm 50Hz	60Hz	Kg 50Hz	60Hz	Kg 50Hz	Kw 50 Hz	60 Hz	A max			Ⓔ Class II Div.2	Ⓔ II3 D	
400V								400V	460V	Temp. Class (T)	Temp. Class (°C)		
TYPE													
MICRO 21/3	0.40	0.40	20	29	2	0.03	0.04	0.17	0.10	0.12	T4	100	M16
MICRO 41/3	0.86	0.86	44	62	2.4	0.07	0.07	0.30	0.25	0.25	T4	100	M16

(*) = Working moment = 2 x static moment

SINGLE PHASE	Mechanical Features					Electric Features						
	Working moment (*)		FC		Weight Kg 50Hz	Power		Current		For 60 Hz	For 50 Hz	Cable Glande
	Kgcm 50Hz	60Hz	50Hz	Kg 60Hz		Kw 50 Hz	60 Hz	A max 50 Hz	60 Hz	 Class II Div.2	 II3 D	
					Temp. Class					Temp. Class		
TYPE								230V	115V	(T)	(°C)	
MICRO 3/3 M	0.08	0.08	4	6	1.6	0.02	0.02	0.15	0.30	T4	100	M16
MICRO 6/3 M	0.12	0.12	6	9	1.6	0.02	0.02	0.15	0.30	T4	100	M16
MICRO 21/3 M	0.40	0.40	20	29	2	0.04	0.04	0.20	0.40	T4	100	M16
MICRO 41/3 M	0.90	0.90	45	65	2.4	0.05	0.05	0.25	0.50	T4	100	M16

(*) = Working moment = 2 x static moment



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

ETL
- Class II Div.2 Group F, G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 N°25,100,145
- Intertek ETL - SEMCO File Number 3177001



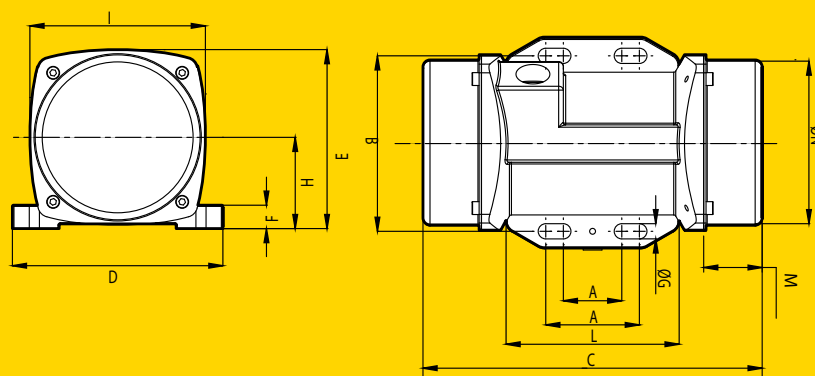
TYPE	Dimensional Features													
	FIG.	C	M	A	B	Ø G	Holes	D	E	F	H	I	L	N
		(mm)	(mm)	(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
		50Hz	50Hz											
MICRO 21/3	F	145	25	25-40 60	92 85	6.5 6.5	4	110	76.5	10	39	75	74	70.5
MICRO 41/3	F	161	33	25-40 60	92 85	6.5 6.5								

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

TYPE	Dimensional Features													
	FIG.	C (mm) 50Hz	M (mm) 50Hz	A	B	Ø G	Holes	D	E	F	H	I	L	N
				(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MICRO 3/3 M	F	145	25	25-40 60	92 85	6.5 6.5	4	110	76.5	10	39	75	74	70.5
MICRO 6/3 M	I	145	25	25-40 /	75 /	6.5 /	4	90	76.5	10	39	75	74	70.5
MICRO 21/3 M	F	145	25	25-40 60	92 85	6.5 6.5	4	110	76.5	10	39	75	74	70.5
MICRO 41/3 M	F	161	33	25-40 60	92 85	6.5 6.5	4	110	76.5	10	39	75	74	70.5

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

Fig. I



MVE - Standard Range

► DC

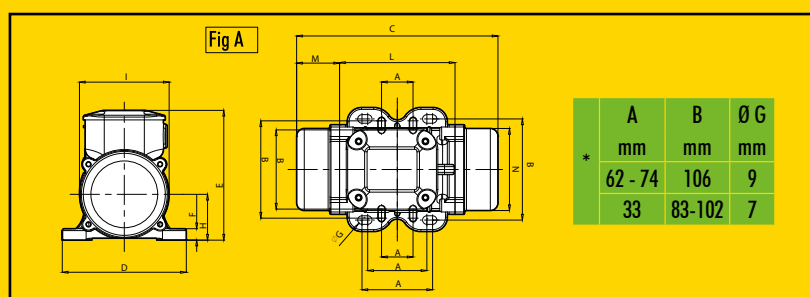
3000 rpm



- II3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10

TYPE	Mechanical Features				Electric Features			
	RPM	Working moment (*) Kgcm	FC Kg	Weight Kg	Power Kw	Current A max	Ex	Cable Glande
							II3 D Temp. Class (°C)	
MVE 202 DC 24	3000	4.17	200	7.2	0.16	6.7	100	M20
MVE 202 DC 12	3000	4.17	200		0.16	13.3	100	M20
MVE 50 DC 24	3000	1.02	50	4.4	0.08	3.3	100	M16
MVE 50 DC 12	3000	1.02	50		0.08	6.6	100	M16

(*) = Working moment = 2 x static moment

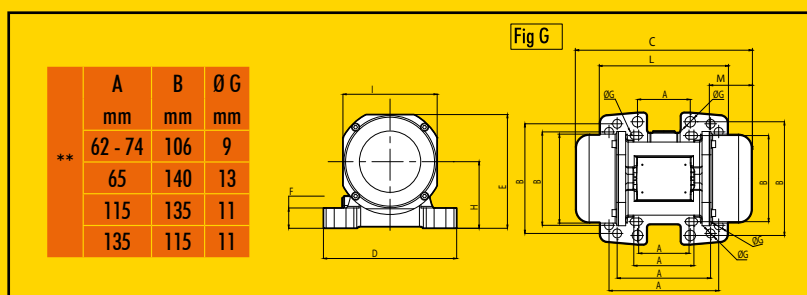


CE Declaration of conformity "type B" according to:
 - 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1



TYPE	Dimensional Features														
	FIG.	Size	C (mm) 50Hz	M (mm) 50Hz	A	B	Ø G	Holes	D	E	F	H	I	L	N
					(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MVE 202 DC 24	G	23	218	53	**	**	**	4	164	140	25	82	116	159	110
MVE 202 DC 12	G	23	218	53	**	**	**	4	164	140	25	82	116	159	110
MVE 50 DC 24	A	10	211	45	*	*	*	4	130	136	12	48	94	121	85
MVE 50 DC 12	A	10	211	45	*	*	*	4	130	136	12	48	94	121	85

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



MVE-E Increased Safety Range

► 2 POLES

3000 - 3600 rpm



Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1



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

TYPE	Mechanical Features						Electric Features										
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Max Amb		Cable
	Kgcm		Kg		Kg		Kw		A max (Y)								
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz							
											400V	460V	(sec)	(sec)	(°C)	(°C)	
Glande																	
MVE 200/3E	3.72	2.61	187	189	7.0		0.18	0.21	0.35	0.35	3.30	3.30	18.0	18.0	40.0	40.0	M20
MVE 202/3E	3.72	2.61	187	189	7.2		0.18	0.21	0.35	0.35	3.30	3.30	18.0	18.0	40.0	40.0	M20
MVE 300/3E	6.39	4.46	321	323	9.8		0.27	0.28	0.52	0.45	3.60	3.50	14.0	14.0	40.0	40.0	M20
MVE 400/3E	7.96	5.68	407	411	10.3		0.30	0.36	0.58	0.60	3.50	3.50	15.0	15.0	40.0	40.0	M20
MVE 500/3E	10.27	7.38	530	534	15.8		0.50	0.58	0.96	0.97	4.00	4.20	12.0	11.0	40.0	40.0	M20
MVE 700/3E	14.90	10.57	758	765	16.5		0.66	0.75	1.25	1.24	4.30	5.00	11.0	8.0	40.0	40.0	M20
MVE 800/3E	15.68	11.06	794	800	20.6		0.75	0.90	1.45	1.50	3.80	3.80	12.0	12.0	40.0	40.0	M20
MVE 1200/3E	20.26	14.00	1005	1013	21.6		0.95	1.15	1.85	1.95	4.40	4.50	9.0	9.0	40.0	40.0	M20
MVE 1300/3E	26.58	18.60	1355	1365	22.0		1.30	1.38	2.44	2.25	5.20	5.00	7.5	8.0	40.0	40.0	M20
MVE 1301/3E	26.58	18.60	1355	1365	30.3		1.30	1.38	2.44	2.25	5.20	5.00	7.5	8.0	40.0	40.0	M20
MVE 1310/3E	22.34	22.34	1123	1616	30.0		1.30	1.38	2.44	2.25	5.20	5.00	7.5	8.0	40.0	40.0	M20
MVE 1600/3E	31.26	22.22	1601	1608	51.6	51.2	1.57	1.60	2.94	2.61	5.90	6.20	6.0	6.0	40.0	40.0	M25
MVE 2000/3E	36.78	27.60	2027	1997	52.8	52.0	2.00	2.10	3.75	3.42	6.50	6.40	5.5	5.5	40.0	40.0	M25
MVE 2300/3E	45.97	31.87	2302	2306	53.6	51.6	2.40	2.45	4.44	3.94	6.00	6.30	5.0	5.0	40.0	40.0	M25
MVE 3200/3E	68.10	43.89	3252	3176	103.0	101.4	2.90	2.90	5.30	4.61	8.30	8.20	5.0	5.0	40.0	40.0	M32
MVE 4000/3E	79.40	55.99	4033	4052	107.0	103.8	2.90	2.90	5.30	4.61	8,5	9,7	12,1	6,7	40.0	40.0	M32

(*) = Working moment = 2 x static moment

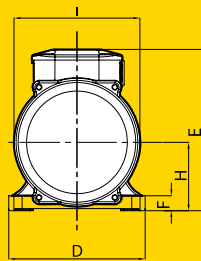
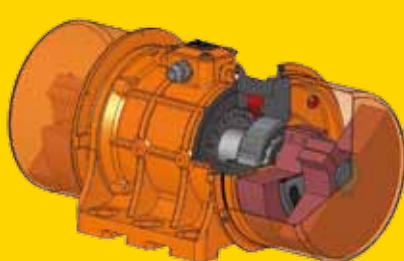
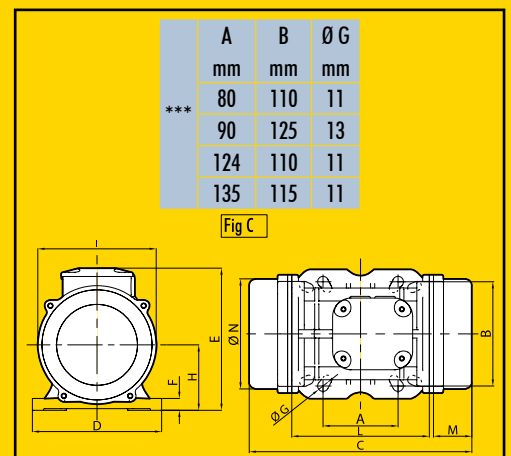
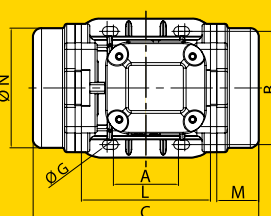


Fig B



IEC Standard ref.:
IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1
IECEx BAS 06.0068X/2

Baseefa Certificate number Baseefa 06ATEX0281X/2



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 200/3E	B	20	231		54		62-74	106	9	4	131	159	15	64	121	123	112
MVE 202/3E	G	23	218		53		**	**	**	4	164	140	25	82	116	159	110
MVE 300/3E	C	30	253		45		***	***	***	4	154	175	15	79	142	163	131
MVE 400/3E	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 500/3E	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 700/3E	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 800/3E	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1200/3E	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1300/3E	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 1301/3E	D	53	321		58		100	180	17	4	236	210	26	98	180	205	170
MVE 1310/3E	D	55	321		58		100	200	17	4	236	210	26	98	180	205	170
MVE 1600/3E	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 2000/3E	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 2300/3E	D	60	418		83		140	190	17	4	229	262	30	120	247	220	222
MVE 3200/3E	D	75	538		115		155	255	25	4	302	318	35	147	295	273	264
MVE 4000/3E	D	75	538		115		155	255	25	4	302	318	35	147	295	273	264

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

Fig D

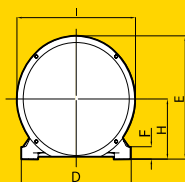


Fig E

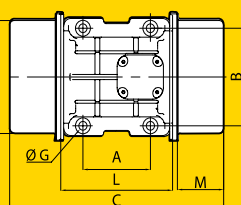
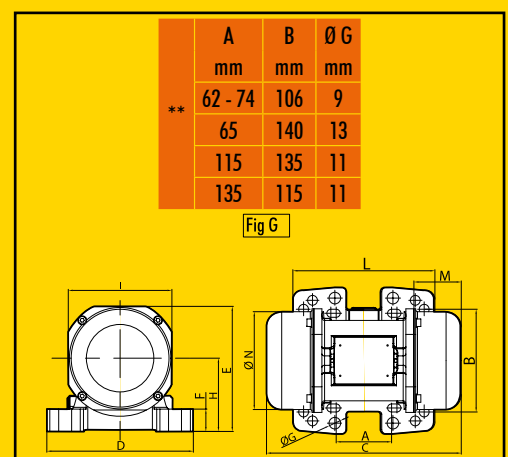


Fig G



MVE-E Increased Safety Range

► 4 POLES

1500 - 1800 rpm



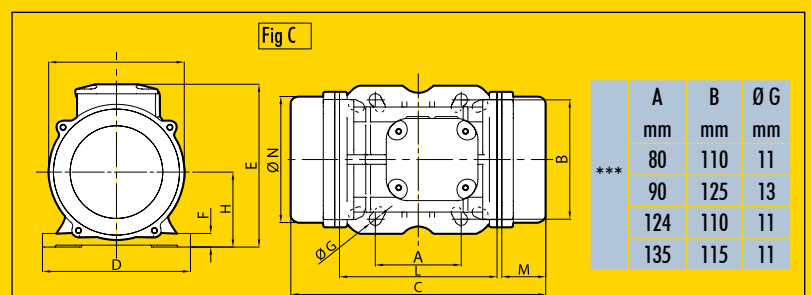
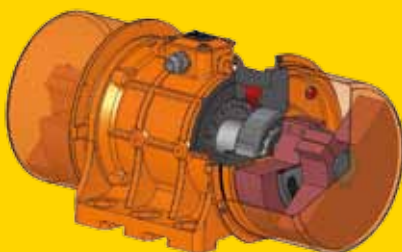
Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1



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

TYPE	Mechanical Features						Electric Features										
	Working moment (*)		FC		Weight		Power		Current		Ia/In		⚡		Cable		
	Kgcm		Kg		Kg		Kw		A max (Y)				t _E		Max Amb		Glande
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
MVE 200/15E	15.44	10.83	194	196	11.8		0.16	0.17	0.49	0.50	2.00	2.00	60	60	40.0	40.0	M20
MVE 400/15E	33.43	23.38	420	423	19.5		0.30	0.35	0.84	0.86	2.50	2.50	30	30	40.0	40.0	M20
MVE 500/15E	40.12	28.08	504	508	21.0		0.35	0.40	1.06	1.09	2.80	2.70	22	22	40.0	40.0	M20
MVE 300/15E	26.58	18.60	334	336	22.5		0.62	0.73	1.32	1.41	3.00	3.20	20	19	40.0	40.0	M20
MVE 700/15E	56.83	39.36	714	712	27.4		0.62	0.73	1.32	1.41	3.00	3.20	20	19	40.0	40.0	M20
MVE 1100/15E	88.67	62.02	1114	1122	35.8	28	0.65	0.78	1.50	1.70	3.80	3.80	12	12	40.0	40.0	M20
MVE 1400/15E	108.57	76.72	1364	1388	59.8	58.2	0.90	1.10	1.71	1.78	4.00	4.00	12	12	40.0	40.0	M25
MVE 1700/15E	137.31	91.98	1725	1664	61.8	59.4	1.15	1.30	2.16	2.09	4.70	4.50	9	9	40.0	40.0	M25
MVE 2400/15E	187.69	137.36	2358	2485	68.0	62.0	1.60	1.90	3.00	3.20	4.90	4.90	8	8	40.0	40.0	M25
MVE 2500/15E	203.53	135.65	2557	2454	90.0	84.0	1.80	2.00	3.40	3.40	6.00	6.10	6	6	40.0	40.0	M25
MVE 3000/15E	248.66	169.75	3124	3071	97.5	87.0	1.90	2.30	3.70	3.80	6.50	6.60	6	6	40.0	40.0	M25
MVE 3800/15E	306.69	204.74	3853	3704	130.4	118.4	2.20	2.60	4.12	4.15	6.80	6.80	5	5	40.0	40.0	M32
MVE 4300/15E	343.22	240.95	4312	4359	134.4	123.6	2.50	3.00	5.70	5.80	7.00	7.20	5	5	40.0	40.0	M32
MVE 5500/15E	437.39	303.74	5495	5495	192.2	190.0	3.60	3.45	6.50	6.60	7.10	7.00	5	5	40.0	40.0	M32
TYPE	Mechanical Features						Electric Features										
	Working moment (*)		FC		Weight		Power		Current		Ia/In		⚡		Cable		
	Kgcm		Kg		Kg		Kw		A max (Δ)				t _E		Max Amb		Glande
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
MVE 7200/15E	576.76	397.32	7246	7188	253.0	246.6	5.00	6.00	9.60	9.41	6.80	6.90	5.00	5.00	40.0	40.0	M32
MVE 9000/15E	717.97	498.76	9020	9023	268.6	257.8	7.50	8.50	12.00	12.00	7.00	7.00	5.00	5.00	40.0	40.0	M32

(*) = Working moment = 2 x static moment



IEC Standard ref.:
IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1
IECEx BAS 06.0068X/2

Baseefa Certificate number Baseefa 06ATEX0281X/2



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 200/15E	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 400/15E	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 500/15E	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 300/15E	D	50	321		58		120	170	17	4	208	210	22	94	180	205	170
MVE 700/15E	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170
MVE 1100/15E	D	50	451	391	123	93	120	170	17	4	208	210	22	94	180	205	170
MVE 1400/15E	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 1700/15E	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 2400/15E	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 2500/15E	D	70	522	486	123	105	155	225	22	4	272	284	40	140	267	250	235
MVE 3000/15E	D	70	556	486	123	105	155	225	22	4	272	284	40	140	267	250	235
MVE 3800/15E	D	75	588	538	140	115	155	255	23.5	4	302	318	35	147	295	273	264
MVE 4300/15E	D	75	588		140		155	255	23.5	4	302	318	35	147	295	273	264
MVE 5500/15E	D	80	603		130		180	280	26	4	332	360	37	167	345	304	310
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 7200/15E	D	85	605		120		200	320	28	4	385	410	49	200	422	325	378
MVE 9000/15E	D	85	605		120		200	320	28	4	385	410	49	200	422	325	378

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

Fig D

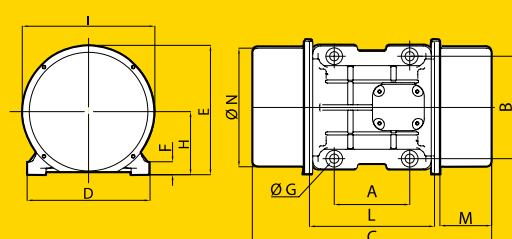
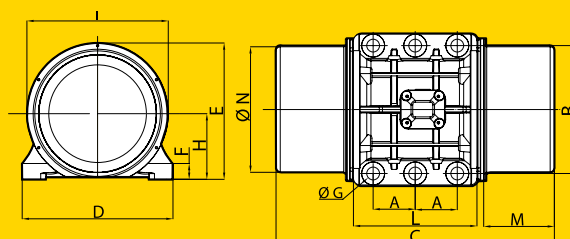


Fig E



MVE-E Increased Safety Range

► 6 POLES

1000 - 1200 rpm



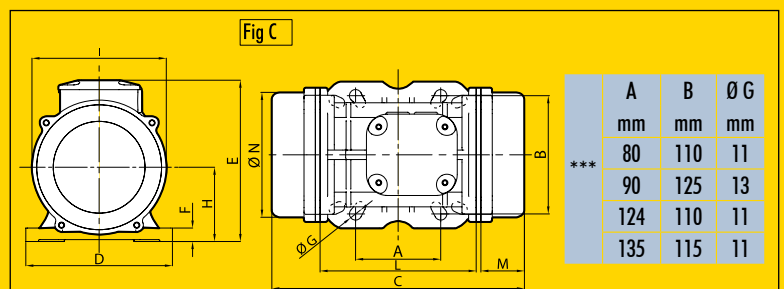
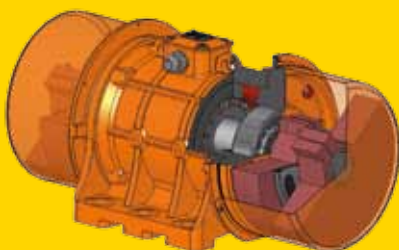
Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1



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

TYPE	Mechanical Features						Electric Features										
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex				Cable
	Kgcm		Kg		Kg		Kw		A max (Y)				t _e		Max Amb		
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
									400V	460V			(sec)	(sec)	(°C)	(°C)	Glande
MVE 50/1E	9.49	6.59	53	53	10.4		0.12	0.14	0.40	0.40	2.00	2.00	60.0	60.0	40.0	40.0	M20
MVE 100/1E	18.80	13.18	105	106	12.2		0.12	0.14	0.40	0.40	2.00	2.00	60.0	60.0	40.0	40.0	M20
MVE 200/1E	33.49	23.38	187	188	19.6		0.18	0.21	0.53	0.51	2.00	2.00	60.0	60.0	40.0	40.0	M20
MVE 300/1E	56.93	39.85	318	320	26.6		0.35	0.38	0.67	0.64	2.50	2.50	30.0	30.0	40.0	40.0	M20
MVE 500/1E	91.88	64.32	513	517	34.0		0.35	0.40	1.20	1.15	2.80	2.70	24.0	24.0	40.0	40.0	M20
MVE 510/1E	91.88	91.88	513	739	34.5		0.35	0.40	1.20	1.15	2.80	2.70	24.0	24.0	40.0	40.0	M20
MVE 800/1E	137.37	108.58	767	873	61.8	59.4	0.68	0.76	1.29	1.26	2.80	2.80	24.0	24.0	40.0	40.0	M25
MVE 1100/1E	187.69	137.31	1048	1104	79.4	73.0	0.75	0.80	1.42	1.32	3.20	3.10	19.0	19.0	40.0	40.0	M25
MVE 1500/1E	284.76	196.51	1590	1580	83.6	76.5	1.10	1.30	2.10	2.00	3.30	3.30	16.0	16.0	40.0	40.0	M25
MVE 1600/1E	299.63	203.47	1673	1636	99.8	89.0	1.10	1.30	2.83	3.22	3.70	3.60	13.0	13.0	40.0	40.0	M25
MVE 2100/1E	373.05	248.74	2083	2000	114.3	100.5	1.50	1.80	3.00	3.00	4.30	4.40	10.0	10.0	40.0	40.0	M25
MVE 2600/1E	467.44	306.70	2610	2466	148.6	131.5	1.96	2.10	3.63	3.38	4.80	4.80	9.0	9.0	40.0	40.0	M32
MVE 3000/1E	540.33	379.71	3017	3053	155.4	137.8	2.20	2.40	4.50	4.30	5.00	5.00	8.0	8.0	40.0	40.0	M32
MVE 3800/1E	680.38	437.41	3799	3517	215.6	194.8	2.50	3.00	4.67	4.88	5.90	6.00	6.0	6.0	40.0	40.0	M32
MVE 4700/1E	838.34	584.17	4681	4697	230.8	212.4	3.20	3.90	6.50	6.00	5.50	5.70	7.0	7.0	40.0	40.0	M32
MVE 5200/1E	929.86	654.57	5192	5263	279.8	264.2	3.80	4.00	6.92	6.36	5.50	5.50	7.0	7.0	40.0	40.0	M32
MVE 6500/1E	1165.19	823.96	6506	6625	304.4	280.7	4.30	5.00	7.76	7.81	6.20	6.00	6.0	6.0	40.0	40.0	M32
TYPE	Mechanical Features						Electric Features										
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex				Cable
	Kgcm		Kg		Kg		Kw		A max (Δ)				t _e		Max Amb		
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
									400V	460V			(sec)	(sec)	(°C)	(°C)	Glande
MVE 8000/1E	1435.98	929.80	8018	7476	325.2	290	7.10	7.50	12.60	11.60	6.00	6.20	6.0	6.0	40.0	40.0	M32
MVE 9000/1E	1600.39	1165.23	8936	9369	337.8	307.6	7.50	8.30	13.20	12.60	6.30	6.20	5.5	5.5	40.0	40.0	M32
MVE 10000/1E	1788.44	1239.98	9986	9970	385.8	359.3	7.60	8.00	13.50	12.70	6.40	6.40	5.5	5.5	40.0	40.0	M32

(*) = Working moment = 2 x static moment



IEC Standard ref.:
IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1
IECEx BAS 06.0068X/2

Baseefa Certificate number Baseefa 06ATEX0281X/2



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 50/1E	C	30	273		55		***	***	***	4	154	175	15	79	142	163	131
MVE 100/1E	C	30	303		70		***	***	***	4	154	175	15	79	142	163	131
MVE 200/1E	D	40	334		78		105	140	13	4	168	196	22	92	169	178	158
MVE 300/1E	D	50	391		93		120	170	17	4	208	210	22	94	180	205	170
MVE 500/1E	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 510/1E	D	50	451		123		120	170	17	4	208	210	22	94	180	205	170
MVE 800/1E	D	60	446		96		140	190	17	4	229	262	30	120	247	220	222
MVE 1100/1E	D	60	510	446	129	96	140	190	17	4	229	262	30	120	247	220	222
MVE 1500/1E	D	60	562	510	154	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1600/1E	D	70	556	522	140	123	155	225	22	4	272	284	40	140	267	250	235
MVE 2100/1E	D	70	616	556	170	140	155	225	22	4	272	284	40	140	267	250	235
MVE 2600/1E	D	75	708	588	200	140	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3000/1E	D	75	708	608	200	150	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3800/1E	D	80	683	603	170	130	180	280	26	4	332	360	37	167	345	304	310
MVE 4700/1E	D	80	733	683	195	170	180	280	26	4	332	360	37	167	345	304	310
MVE 5200/1E	D	85	685	605	160	120	200	320	28	4	385	410	49	200	422	325	378
MVE 6500/1E	D	85	685		160		200	320	28	4	385	410	49	200	422	325	378
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 8000/1E	D	85	785	685	210	160	200	320	28	4	385	410	49	200	422	325	378
MVE 9000/1E	D	85	785	685	210	160	200	320	28	4	385	410	49	200	422	325	378
MVE 10000/1E	E	90	826		210		125	380	38	6	452	430	44	204	422	367	378

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

Fig D

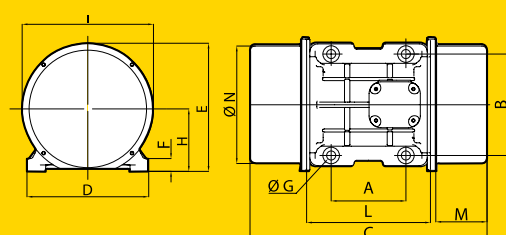
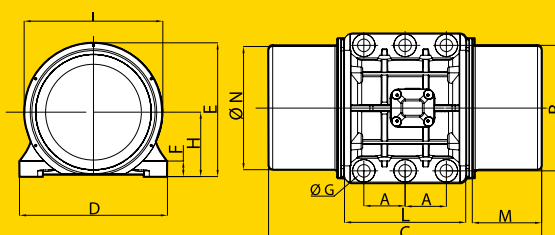


Fig E



MVE-E Increased Safety Range

► 8 POLES

750 - 900 rpm



Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1



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

TYPE	Mechanical Features				Electric Features										
	Working moment (*) Kgcm 50Hz - 60Hz	FC		Weight Kg 50Hz - 60Hz	Power		Current		Ia/In		Ex				Cable Glande
		Kg			Kw		A max (Y)				t _e		Max Amb		
		50Hz	60Hz		50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
MVE 150/075E	33.39	105	151	21.4	0.23	0.25	1.14	1.14	1.50	1.50	30.0	30.0	40.0	40.0	M20
MVE 250/075E	56.93	179	257	29.5	0.35	0.38	1.15	1.15	1.70	1.70	30.0	30.0	40.0	40.0	M20
MVE 400/075E	84.02	264	380	35.0	0.35	0.38	1.15	1.15	1.90	1.90	30.0	30.0	40.0	40.0	M20
MVE 650/075E	137.31	431	621	64.7	0.50	0.60	1.20	1.20	2.20	2.20	30.0	30.0	40.0	40.0	M25
MVE 900/075E	187.72	589	849	71.0	0.65	0.78	1.23	1.29	2.50	2.50	25.0	25.0	40.0	40.0	M25
MVE 1300/075E	299.60	941	1355	99.8	1.00	1.10	1.86	1.83	3.00	3.00	20.0	20.0	40.0	40.0	M25
MVE 2100/075E	467.41	1468	2114	150.4	1.50	1.80	2.81	2.89	4.20	4.10	12.0	12.0	40.0	40.0	M32
MVE 3100/075E	680.39	2137	3077	212.2	2.00	2.30	3.79	3.77	4.00	4.00	12.0	12.0	40.0	40.0	M32
MVE 3800/075E	838.43	2633	3792	230.2	2.50	3.00	6.00	6.00	3.90	4.00	12.0	12.0	40.0	40.0	M32
MVE 4200/075E	929.74	2920	4205	284.5	2.90	3.40	6.50	6.50	3.80	3.70	13.0	13.0	40.0	40.0	M32
MVE 5300/075E	1165.22	3660	5270	305	4.00	4.30	8.50	8.00	3.80	4.20	13.0	12.0	40.0	40.0	M32
MVE 6500/075E	1435.85	4510	6494	324.4	5.00	5.90	10.00	10.00	3.60	4.00	14.0	12.0	40.0	40.0	M32
TYPE	Mechanical Features				Electric Features										
	Working moment (*) Kgcm 50Hz - 60Hz	FC		Weight Kg 50Hz - 60Hz	Power		Current		Ia/In		Ex				Cable Glande
		Kg			Kw		A max (Δ)				t _e		Max Amb		
		50Hz	60Hz		50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
MVE 10000/075E	2200.43	6911	9952	422.2	6.80	7.50	13.50	12.5	3.5	4.2	24.8	22.8	40.0	40.0	M32

(*) = Working moment = 2 x static moment

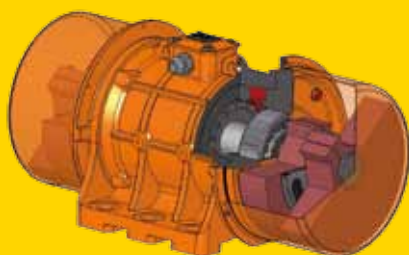
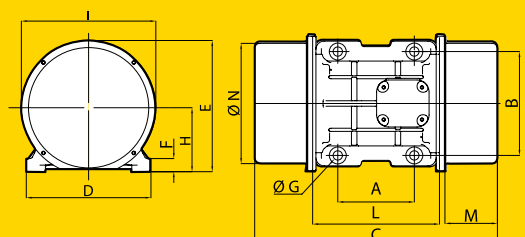


Fig D



IEC Standard ref.:
 IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1
 IECEx BAS 06.0068X/2

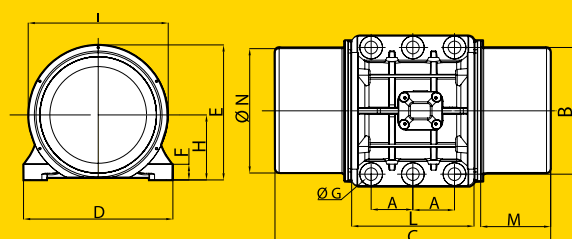
Baseefa Certificate number Baseefa 06ATEX0281X/2



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 150/075E	D	40	334	78	105	140	13	4	168	196	22	92	169	178	158
MVE 250/075E	D	50	391	93	120	170	17	4	208	210	22	94	180	205	170
MVE 400/075E	D	50	451	123	120	170	17	4	208	210	22	94	180	205	170
MVE 650/075E	D	60	446	96	140	190	17	4	229	262	30	120	247	220	222
MVE 900/075E	D	60	510	129	140	190	17	4	229	262	30	120	247	220	222
MVE 1300/075E	D	70	556	140	155	225	22	4	272	284	40	140	267	250	235
MVE 2100/075E	D	75	708	200	155	255	23.5	4	302	318	35	147	295	273	264
MVE 3100/075E	D	80	683	170	180	280	26	4	332	360	37	167	345	304	310
MVE 3800/075E	D	80	733	195	180	280	26	4	332	360	37	167	345	304	310
MVE 4200/075E	D	85	685	160	200	320	28	4	385	410	49	199	422	325	378
MVE 5300/075E	D	85	685	160	200	320	28	4	385	410	49	199	422	325	378
MVE 6500/075E	D	85	785	210	200	320	28	4	385	410	49	199	422	325	378
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 10000/075E	E	90	926	260	125	380	38	6	452	430	44	204	422	367	378

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

Fig E



MVE-D Explosion Proof Range

► 2 POLES

3000 - 3600 rpm

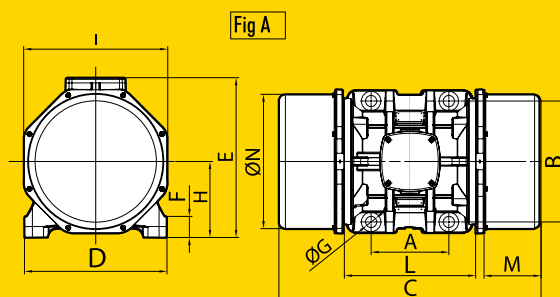
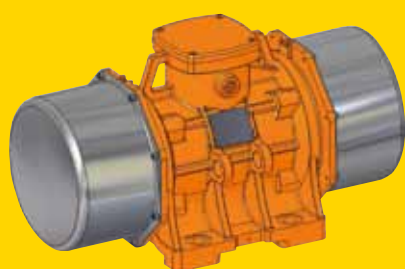
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

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





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

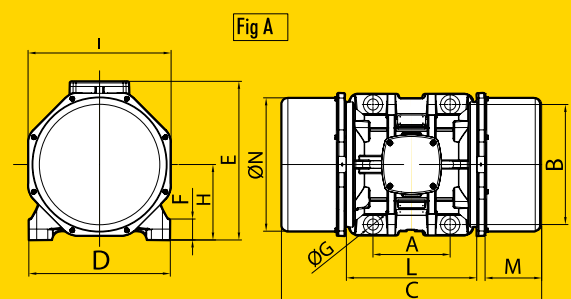
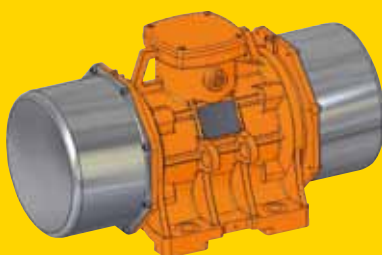
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D: 
Ex d IIB T4 Gb
Ex tD A21 IIIC T135°C Db IP66


MVE-D5: 
Ex d IIB T3 Gb


TYPE	Mechanical Features						Electric Features								
	Working moment (*)		FC		Weight		Power		Current		Ia/In				Cable
	Kgcm		Kg		Kg		Kw		A max (Y)		50Hz	60Hz		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



IEC 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

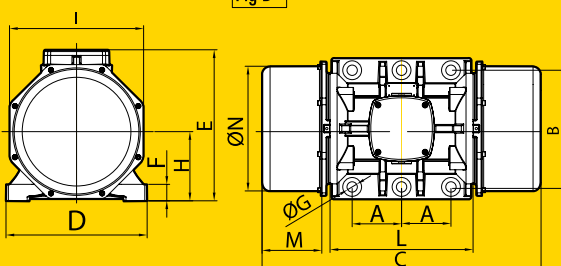


Dimensional Features

TYPE	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

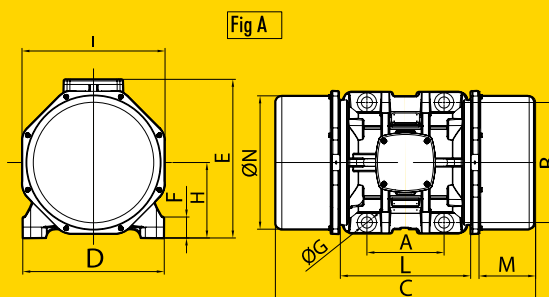
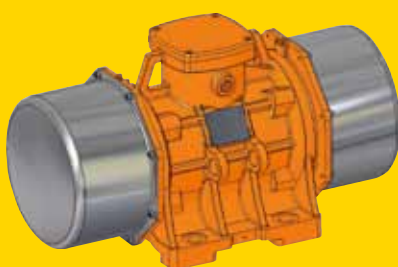
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

MVE-D:  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 Glands
	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					
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





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		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

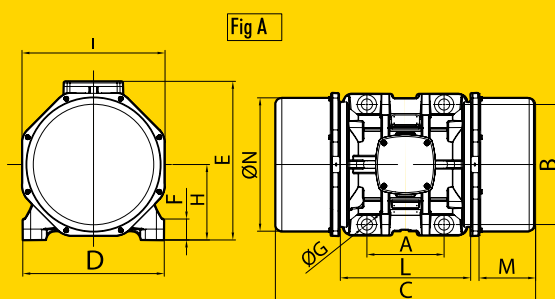
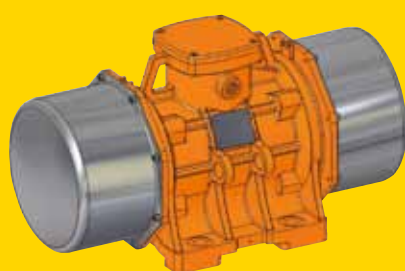
CE Declaration of conformity "type B" according to:
- 2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1

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		
		Kg	Kg	Kg	Kw	60 Hz	A max (Y)		50Hz	60Hz		Gas	Glande		
							50Hz	60Hz						50 Hz	60 Hz
							50Hz	60Hz						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





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 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

MVE-S with Split Cover

► 4 POLES

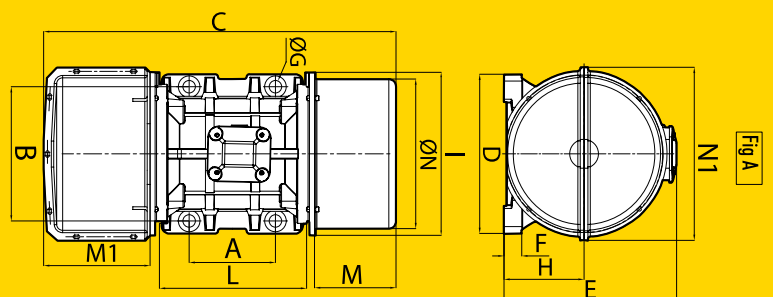
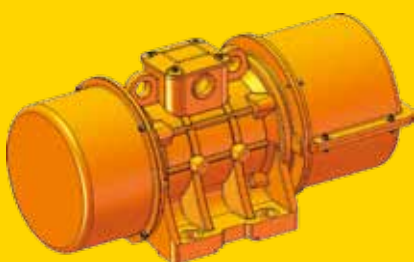
1500 - 1800 rpm

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

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex	Cable
	Kgcm		Kg		Kg		Kw		A max (Y)				II 3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	
MVE 1400/15S	108.57	76.72	1364	1388	59.8	58.2	0.90	1.10	1.71	1.78	4.00	4.00	135	M25
MVE 1700/15S	137.31	91.98	1725	1664	61.8	59.4	1.15	1.30	2.16	2.09	4.70	4.50	135	M25
MVE 2400/15S	187.69	137.36	2358	2485	68.0	62.0	1.60	1.90	3.00	3.20	4.90	4.90	135	M25
MVE 3800/15S	306.69	204.74	3853	3704	130.4	118.4	2.20	2.60	4.12	4.15	6.80	6.80	135	M32
MVE 4300/15S	343.22	240.95	4312	4359	134.4	123.6	2.50	3.00	5.70	5.80	7.00	7.20	135	M32
MVE 5500/15S	437.39	303.74	5495	5495	192.2	190.0	3.60	3.45	6.50	6.60	7.10	7.00	135	M32

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex	Cable
	Kgcm		Kg		Kg		Kw		A max (Δ)				II 3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class	
MVE 7200/15S	576.76	397.32	7246	7188	253.0	246.6	5.00	6.00	9.60	9.41	6.80	6.90	135	M32
MVE 9000/15S	717.97	498.76	9020	9023	268.6	258	7.50	8.50	12.00	12.00	7.00	7.00	135	M32
MVE 10000/15S	800.11	588.30	10052	10643	312	297	7.80	9.40	13.00	13.00	6.50	6.40	135	M32

(*) = Working moment = 2 x static moment



- Ex - II3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10



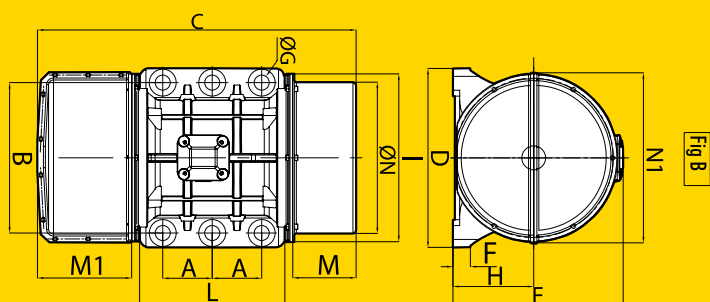
Dimensional Features

FIG.	Size	C (mm)		M (mm)		M1 (mm) (mm)		A (mm)	B (mm)	Ø G (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)	N1 (mm)
		50Hz	60Hz	50Hz	60Hz	50Hz - 60Hz													
A	60	538		98		188		140	190	17	4	229	262	30	120	247	220	222	272
A	60	538		98		188		140	190	17	4	229	262	30	120	247	220	222	272
A	60	569	538	128	98	188		140	190	17	4	229	262	30	120	247	220	222	272
A	75	677	652	140	115	228		155	255	23.5	4	302	318	35	147	295	273	264	315
A	75	677		140		228		155	255	23.5	4	302	318	35	147	295	273	264	315
A	80	695		130		222		180	280	26	4	332	360	37	167	340	304	310	361

Dimensional Features

FIG.	Size	C (mm)		M (mm)		M1 (mm) (mm)		A (mm)	B (mm)	Ø G (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)	N1 (mm)
		50Hz	60Hz	50Hz	60Hz	50Hz - 60Hz													
A	85	723		120		238		200	320	28	4	378	410	50	200	420	325	378	430
A	85	723		120		238		200	320	28	4	378	410	50	200	420	325	378	430
B	90	726	765	160	120	238		125	380	38	6	452	430	44	204	424	367	382	430

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



MVE-S with Split Cover

► 6 POLES

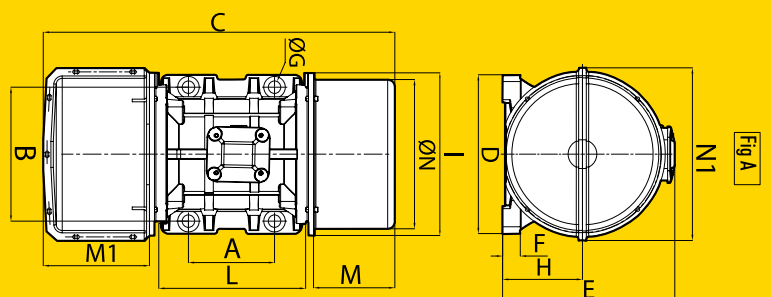
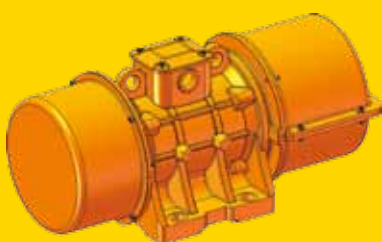
1000 - 1200 rpm

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

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Y)				II 3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class (°C)	
MVE 800/1S	137.37	108.58	767	873	61.8	59.4	0.68	0.76	1.29	1.26	2.80	2.80	135	M25
MVE 1100/1S	187.69	137.31	1048	1104	79.4	73.0	0.75	0.80	1.42	1.32	3.20	3.10	135	M25
MVE 1500/1S	284.76	196.51	1590	1580	83.6	76.5	1.10	1.30	2.10	2.00	3.30	3.30	135	M25
MVE 2600/1S	467.44	306.70	2610	2466	148.6	131.5	1.96	2.10	3.63	3.38	4.80	4.80	135	M32
MVE 3000/1S	540.33	379.71	3017	3053	155.4	137.8	2.20	2.40	4.50	4.30	5.00	5.00	135	M32
MVE 3800/1S	680.38	437.41	3799	3517	215.6	194.8	2.50	3.00	4.67	4.88	5.90	6.00	135	M32
MVE 4700/1S	838.34	584.17	4681	4697	230.8	212.4	3.20	3.90	6.50	6.00	5.50	5.70	135	M32
MVE 5200/1S	929.86	654.57	5192	5263	279.8	264.2	3.80	4.00	6.92	6.36	5.50	5.50	135	M32
MVE 6500/1S	1165.19	823.96	6506	6625	304.4	280.7	4.30	5.00	7.76	7.81	6.20	6.00	135	M32

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Ex	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Δ)				II 3 D	
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz	Temp. Class (°C)	
MVE 8000/1S	1435.98	929.80	8018	7476	325	290	7.10	7.50	12.60	11.60	6.00	6.20	135	M32
MVE 9000/1S	1600.39	1165.23	8936	9369	338	308	7.50	8.30	13.20	12.60	6.30	6.20	135	M32
MVE 10000/1S	1788.44	1239.98	9986	9970	386	359	7.60	8.00	13.50	12.70	6.40	6.40	135	M32

(*) = Working moment = 2 x static moment

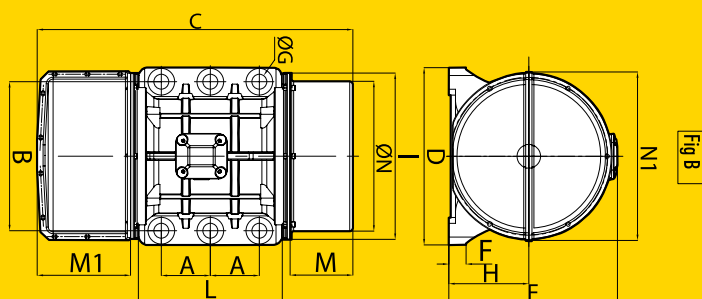


- Ex - II/3 D Ex tD A22 Tx IP66
- TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- Compliance with Essential Health and Safety Requirements
- EN 61241-10



Dimensional Features																		
FIG.	Size	C (mm)		M (mm)		M1 (mm) 50Hz - 60Hz	A (mm)	B (mm)	Ø G (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)	N1 (mm)
		50Hz	60Hz	50Hz	60Hz													
A	60	538		98		188	140	190	17	4	229	262	30	120	245	220	222	272
A	60	569	538	129	98	188	140	190	17	4	229	262	30	120	245	220	222	272
A	60	596	569	188	128	188	140	190	17	4	229	262	30	120	235	220	222	272
A	75	737		200		228	155	255	23.5	4	302	318	35	147	295	273	265	315
A	75	737		200		228	155	255	23.5	4	302	318	35	147	295	273	265	315
A	80	683	695	170	130	222	180	280	26	4	332	360	37	167	340	304	310	361
A	80	760	683	195	170	222	180	280	26	4	332	360	37	167	340	304	310	361
A	85	770	723	160	120	238	200	320	28	4	378	410	50	200	420	325	378	430
A	85	763	770	160		238	200	320	28	4	378	410	50	200	420	325	378	430
Dimensional Features																		
FIG.	Size	C (mm)		M (mm)		M1 (mm) 50Hz - 60Hz	A (mm)	B (mm)	Ø G (mm)	Holes n°	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	N (mm)	N1 (mm)
		50Hz	60Hz	50Hz	60Hz													
A	85	785	770	210	160	238	200	320	28	4	378	410	50	200	420	325	378	430
A	85	785	763	210	160	238	200	320	28	4	378	410	50	200	420	325	378	430
B	90	854		854		238	125	380	38	6	452	430	44	204	424	367	378	430

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



MVE-S with Split Cover

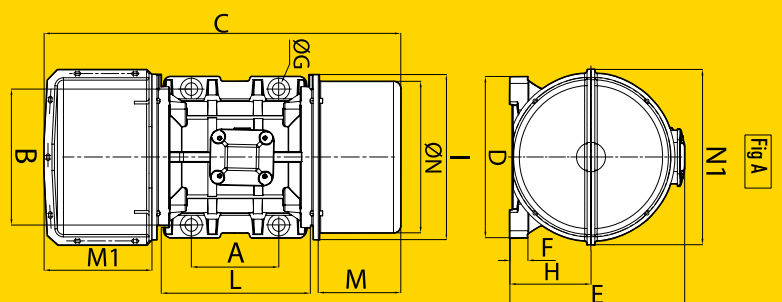
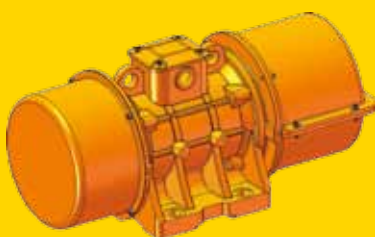
► 8 POLES

850 - 900 rpm

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

TYPE	Mechanical Features					Electric Features											
	Working moment (°) Kgcm 50Hz - 60Hz	FC		Weight		Power		Current					Cable Glande				
		Kg	Kg	Kg	Kw	60 Hz	A max (Y)		Ia/In		II3 D	Class Temp					
							50Hz	60Hz	50Hz - 60Hz	50 Hz	60 Hz		50 Hz	60 Hz	50Hz	60Hz	Temp. Class
MVE 650/075S	137.31	431	621	64.7	0.50	0.60	1.20	1.20	2.20	2.20	135	M25					
MVE 900/075S	187.72	589	849	71.0	0.65	0.78	1.23	1.29	2.50	2.50	135	M25					
MVE 2100/075S	467.41	1468	2114	150.4	1.50	1.80	2.81	2.89	4.20	4.10	135	M32					
MVE 3100/075S	680.34	2137	3077	212.2	2.00	2.30	3.79	3.77	4.00	4.00	135	M32					
MVE 3800/075S	838.43	2633	3792	230.2	2.50	3.00	6.00	6.00	3.90	4.00	135	M32					
MVE 4200/075S	929.74	2920	4205	284.5	2.90	3.40	6.50	6.50	3.80	3.70	135	M32					
MVE 5300/075S	1165.22	3660	5270	305	4.00	4.30	8.50	8.00	3.80	4.20	135	M32					
MVE 6500/075S	1435.85	4510	6494	324.4	5.00	5.90	10.00	10.00	3.60	4.00	135	M32					

(*) = Working moment = 2 x static moment



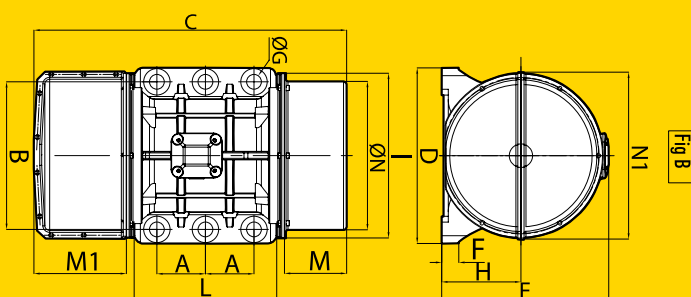
- 
 - II3 D Ex tD A22 Tx IP66
 - TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10



Dimensional Features

TYPE	Dimensional Features																
	FIG.	Size	C	M	M1	A	B	Ø G	Holes	D	E	F	H	I	L	N	N1
			(mm) 50Hz - 60Hz	(mm) 50Hz - 60Hz	(mm) 50Hz - 60Hz	(mm)	(mm)	(mm)	n°	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
MVE 650/075S	A	60	569	128	188	140	190	17	4	229	262	30	120	245	220	222	272
MVE 900/075S	A	60	569	128	188	140	190	17	4	229	262	30	120	245	220	222	272
MVE 2100/075S	A	75	737	200	228	155	255	23.5	4	302	318	35	147	295	273	265	315
MVE 3100/075S	A	80	683	170	222	180	280	26	4	332	360	37	167	340	304	310	361
MVE 3800/075S	A	80	760	195	222	180	280	26	4	332	360	37	167	340	304	310	361
MVE 4200/075S	A	85	770	160	238	200	320	28	4	378	410	50	200	420	325	378	420
MVE 5300/075S	A	85	763	160	238	200	320	28	4	378	410	50	200	420	325	378	420
MVE 6500/075S	A	85	785	210	238	200	320	28	4	378	410	50	200	420	325	378	420

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



External Electric Vibrators

Elektrische Unwuchtmotoren für Außenanbau

Vibrateurs électriques extérieurs

Motovibratori elettrici esterni

Micro-MVE



The Micro-MVE series of External Electric Vibrators has been designed for continuous use in industrial processes. Mechanical protection is IP 65.

There is no maintenance required.: Long-life maintenance-free type bearings are used.

Die Baureihe der Micro-MVE Unwuchtmotoren für Außenanbau wurde für den Einsatz im Dauerbetrieb in den unterschiedlichsten Industrieprozessen konzipiert.

Die mechanische Schutzart entspricht IP 65. Die Geräte sind dank der Verwendung von wartungsfreien Lagern mit hoher Standzeit 100% wartungsfrei.

La série des vibreurs électriques extérieurs Micro-MVE a été conçue pour le fonctionnement continu dans de nombreux processus industriels.

La protection mécanique est du type IP 65. Grâce aux roulements de longue durée sans entretien utilisés il y a une absence totale d'entretien.

La serie Micro-MVE dei motovibratori elettrici esterni è stata progettata per il funzionamento continuo in vari processi industriali.

La protezione meccanica è del tipo IP 65. Grazie all'impiego di cuscinetti esenti da manutenzione di lunga durata vi è una totale assenza di manutenzione:

Applications:

Conveying, feeding, separating and compacting in automated processes in the food, packaging, pharmaceutical and chemical industry.

Anwendungen:

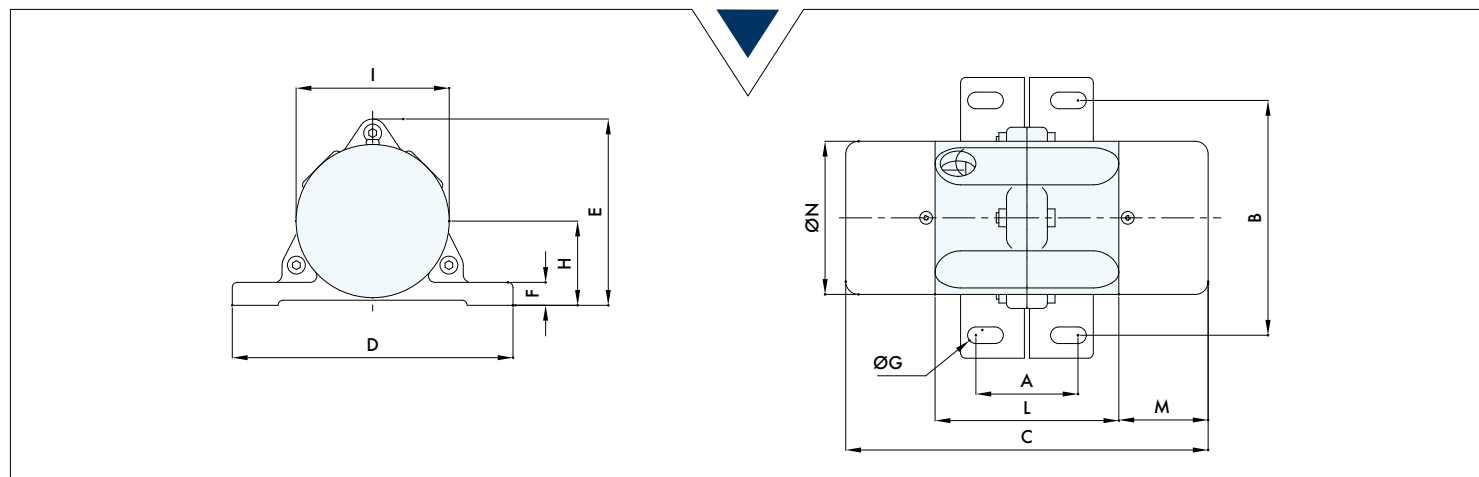
Zum Austragen, Fördern, Beschicken, Separieren und Verdichten in automatisierten Prozessen in der Verpackungs-, Lebensmittel-, Pharma- und chemischen Industrie.

Applications:

Systèmes de dévoutage des matériaux, convoyage, séparation et compactage dans les processus automatisés du secteur alimentaire, pharmaceutique, chimique et des emballages.

Applicazioni:

Sistemi di discesa del materiale, convogliamento, separazione e compattazione nei processi di automazione del settore alimentare, farmaceutico, chimico e degli imballaggi.



Technical Characteristics - Technische Merkmale - Caractéristiques techniques - Specifiche tecniche

TYPE	Working Moment		Centrifugal Force		Power		Max. Current				Bolt	Weight
	kgcm		kg		kW		1 phase		3 ph			
							230 V	115 V	400 V	460 V		
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
MVE 4/3 M	0.12	0.12	5	8	0.02	0.02	0.3	0.6	-	-	M5	1.4
MVE 5/3 M	0.12	0.12	5	8	0.02	0.02	0.3	0.6	-	-	M5	1.4
MVE 20/3 M	0.39	0.39	22	32	0.03	0.04	0.10	0.23	-	-	M5	1.5
MVE 40/3 M	0.78	0.55	40	40	0.07	0.07	0.40	0.80	-	-	M5	1.7
MVE 20/3	0.39	0.39	22	32	0.03	0.04	-	-	0.10	0.12	M5	1.5
MVE 40/3	0.78	0.55	40	40	0.07	0.07	-	-	0.25	0.25	M5	1.7

Overall Dimension - Einbaumaße - Dimensions d'encombrement - Dimensioni d'ingombro

TYPE	A	B	C	D	E	F	Ø G	H	I	L	M	N	Holes
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	N°
MVE 4/3 M	25 - 40	92	142	110	73	9	6.5	33	60	72	35	60	4
MVE 5/3 M	25 - 40	75	142	90	73	9	5.5	33	60	72	35	60	4
MVE 20/3 M	25 - 40	92	142	110	73	9	6.5	33	60	72	35	60	4
MVE 40/3 M	25 - 40	92	162	110	73	9	6.5	33	60	72	45	60	4
MVE 20/3	25 - 40	92	142	110	73	9	6.5	33	60	72	35	60	4
MVE 40/3	25 - 40	92	162	110	73	9	6.5	33	60	72	45	60	4



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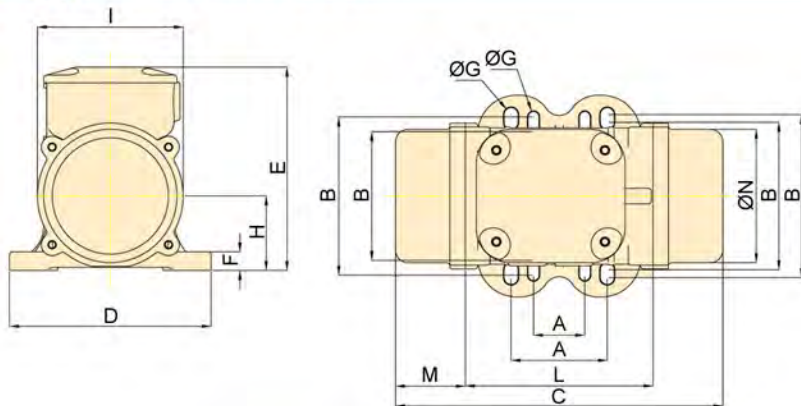
OLI®

12 and 24 Volts DC Electric Vibrators

- ▶ Rated for continuous duty
- ▶ Water tight, hermetically enclosed
- ▶ Robust. Built to withstand tough applications



Type MVE 050 D.C.

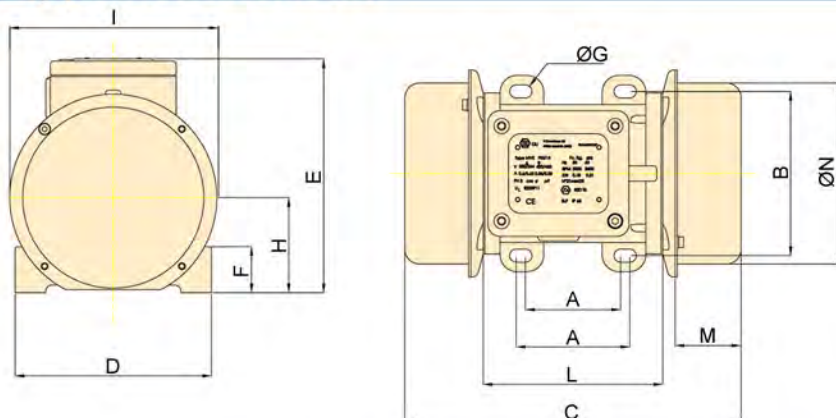


TYPE	Electrical Data				Mechanical Data					
	V	A	W	HP	Speed (r.p.m.)	C.F. max. (kg)	C.F. max. (Lbs)	Weight (kg)	Weight (lbs)	Size
MVE 050 DC 24	24	3.3	80	0.11	3120	50	110	4.4	9.7	10
MVE 050 DC-12	12	6.6	80	0.11	3120	50	110	4.4	9.7	10

Dimensions (mm)														
SIZE	A	B	C	D	E	F	Ø G	holes	H	I	L	M	N	Gland
10	62	95-106	211	130	132	10	7	4	46	94	121	45	86	M16
	33	83-102					9							

Dimensions (inches)														
SIZE	A	B	C	D	E	F	Ø G	holes	H	I	L	M	N	Gland
10	2.4	3.7-4.2	8.3	5.2	5.2	0.5	0.3	4	1.8	3.7	4.8	1.8	3.4	M16
	2.4	3.2-4.0					0.4							

Type MVE 200 D.C.



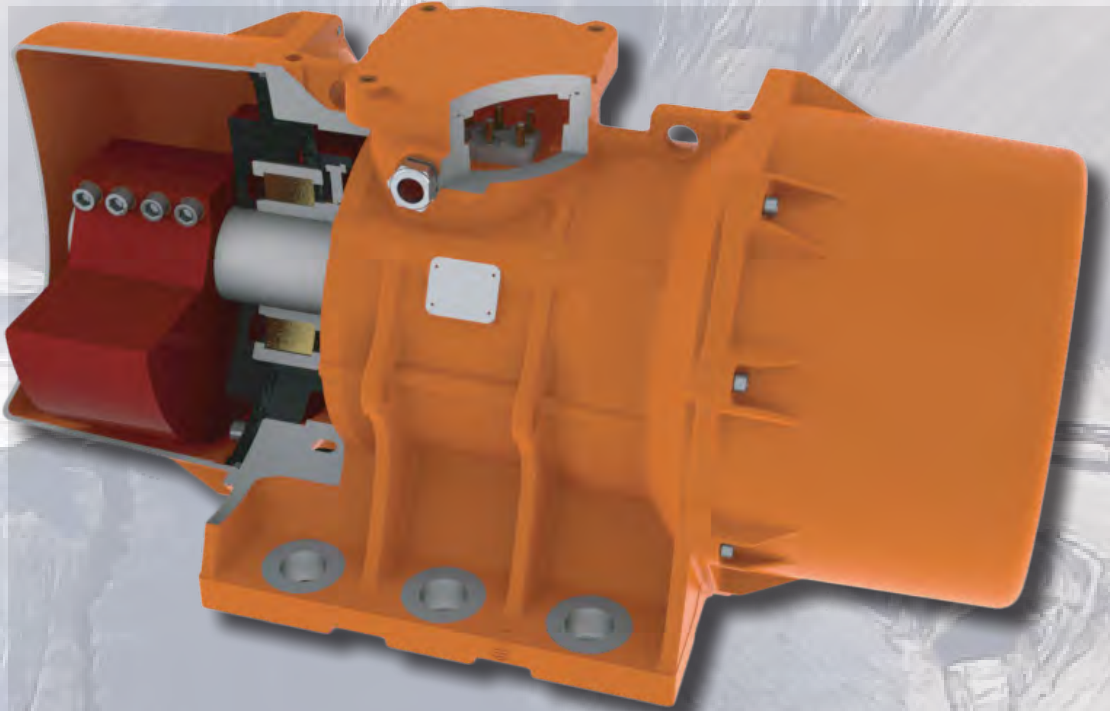
TYPE	Electrical Data				Mechanical Data					
	V	A	W	HP	Speed (r.p.m.)	C.F. max. (kg)	C.F. max. (Lbs)	Weight (kg)	Weight (lbs)	Size
MVE 200 DC 24	24	6.7	160	0.22	3120	200	437	6.5	14.3	20
MVE 200 DC-12	12	13.3	160	0.22	3120	200	437	6.5	14.3	20

Dimension (mm)														
SIZE	A	B	C	D	E	F	Ø G	holes	H	I	L	M	N	Gland
20	62-74	106	225	130	145	33	9	4	62	138	115	45	120	M16

Dimensions (inches)														
SIZE	A	B	C	D	E	F	Ø G	holes	H	I	L	M	N	Gland
20	2.4-2.9	4.2	8.9	5.1	5.7	1.3	0.4	4	2.4	5.4	4.5	1.8	4.7	M16

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MVE BIG SIZE



4 POLE	SIZE	MVE				Mechanical features				Electric Features			
						Working moment		FC		power		Current	
		Type 50 Hz		Type 60 Hz		Kg*cm		Kg		Kw		A max (Y)	
		Rpm	1500	Rpm	1800	50Hz	60Hz	50Hz	60Hz	50 hz	60 hz	400V 50Hz	460V 60Hz
		100	MVE 11500/15	MVE 11500/18	939	655	11799	11853	10	10,5	17,5	15,5	
100	MVE 14500/15	MVE 14500/18	1142	837	14352	15153	11	12	20	20			

6 POLE	SIZE	MVE				Mechanical features				Electric Features			
						Working moment		FC		power		Current	
		Type 50 Hz		Type 60 Hz		Kg*cm		Kg		Kw		A max (Y)	
						50Hz	60Hz	50Hz	60Hz	50 hz	60 hz	400V 50Hz	460V 60Hz
		Rpm	1000	Rpm	1200								
100	MVE 12000/1	MVE 12000/12	2253	1550	12580	12466	9	9,5	16	15			
105	MVE 15000/1	MVE 15000/12	2634	1856	14706	14923	10,5	11	19	18			
105	MVE 17500/1	MVE 17500/12	3220	2147	17980	17264	13	13,5	24	23			
105	MVE 19500/1	/	3632	/	20285	/	14	/	25	/			
110	MVE 22000/1	MVE 22000/12	4067	2622	22711	21079	18,5	18,5	32	26			
110	MVE 25000/1	/	4572	/	25532	/	19	/	33	/			

8 POLE	SIZE	MVE				Mechanical features				Electric Features			
						Working moment		FC		power		Current	
		Type 50 Hz		Type 60 Hz		Kg*cm		Kg		Kw		A max (Y)	
						50Hz	60Hz	50Hz	60Hz	50 hz	60 hz	400V 50Hz	460V 60Hz
		Rpm	750	Rpm	900								
100	MVE 12000/075	MVE 12000/090	2835	2553	8904	11546	7,5	8	14	13,5			
105	MVE 14000/075	MVE 14000/090	3713	3220	11661	14563	9,2	9,5	21	19			
105	MVE 17000/075	MVE 17000/090	4401	3920	13822	17729	10,5	11	22	20			
110	MVE 22000/075	MVE 22000/090	5857	4999	18395	22610	12,5	16	26	28			
110	/	MVE 26000/090	/	5857	/	26489		16		28			



OLI®

*When you need it
Where you need it*

QUARRY & MINING VIBRATOR RANGE



ELECTRIC MOTOVIBRATORS BUILT TO LAST IN THE HARSHTEST OF ENVIRONMENTS

APPLICATIONS:

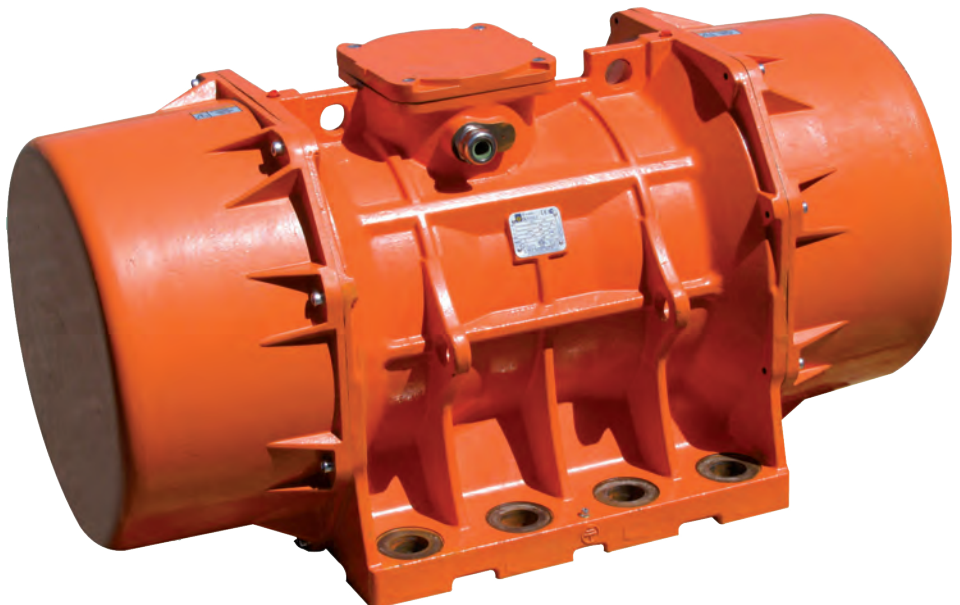
- studied for vibrating screens, feeders and similar equipment

RANGE:

- available up to 26,000 Kg Force
- 4, 6 and 8 pole models
- 50 Hz - 400 V and 500 V
- 60 Hz - 460 V and 575 V

BENEFITS:

- ex-stock delivery
- excellent price-performance ratio
- engineered to highest world standards
- two year warranty





4 POLES	SIZE	TYPE		MECHANICAL FEATURES				ELECTRIC FEATURES			
				Working moment Kg*cm		FC Kg		Power Kw		Current A max (Y)	
		1500 Rpm	1800 Rpm							400 V	460 V
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
	100	MVE 11500/15	MVE 11500/18	939	655	11799	11853	10	10,5	17,5	15,5
	100	MVE 14500/15	MVE 14500/18	1142	837	14352	15153	11	12	20	20

6 POLES	SIZE	TYPE		MECHANICAL FEATURES				ELECTRIC FEATURES			
				Working moment Kg*cm		FC Kg		Power Kw		Current A max (Y)	
		1000 Rpm	1200 Rpm							400 V	460 V
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
	100	MVE 12000/1	MVE 12000/12	2253	1550	12580	12466	9	9,5	16	15
	105	MVE 15000/1	MVE 15000/12	2634	1856	14706	14923	10,5	11	19	18
	105	MVE 17500/1	MVE 17500/12	3220	2147	17980	17264	13	13,5	24	23
	105	MVE 19500/1	MVE 19500/12	3632	2525	20285	20299	14	14,5	25	24
	110	MVE 22000/1	MVE 22000/12	4067	2622	22711	21079	16,5	16,3	32	28
	110	MVE 25000/1	MVE 25000/12	4572	3163	25532	25432	16,5	16,3	32	28

8 POLES	SIZE	TYPE		MECHANICAL FEATURES				ELECTRIC FEATURES			
				Working moment Kg*cm		FC Kg		Power Kw		Current A max (Y)	
		750 Rpm	900 Rpm							400 V	460 V
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
	100	MVE 12000/075	MVE 12000/090	2835	2553	8904	11546	7,5	8	14	13,5
	105	MVE 14000/075	MVE 14000/090	3713	3220	11661	14563	9,2	9,5	21	19
	105	MVE 17000/075	MVE 17000/090	4401	3920	13822	17729	10,5	11	22	20
	110	MVE 22000/075	MVE 22000/090	5857	4999	18395	22610	12,5	16	26	28
	110	-	MVE 26000/090	-	5857	-	26489	-	16	-	28