

# MVE - Standard Range

▶ 2 POLES  
3000-3600 rpm

Ex IIBD T100°C resp T135°C – 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



CE Declaration of conformity "type A" according to:  
- 73/23/EEC - 98/37/EEC - EN 60034-1

Class II Div.2 Group F,G - T6 - NEMA 4 conform to UL 1836 and CSA C22.2 NO25  
Intertek ETL - SEMCO

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Temp. Class Dust (°C)	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Y)					
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50 Hz	60 Hz	50Hz	60Hz		
MVE 60/3	1.35	0.82	68	59	4.2		0.08	0.09	0.16	0.18	3.0	3.0	100	M16
MVE 100/3	2.01	1.52	101	110	4.6		0.1	0.11	0.19	0.18	3.0	3.0	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	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	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	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	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	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	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	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	100	M20
MVE 1300/3	27.58	18.86	1355	1365	22.0		1.30	1.38	2.44	2.25	5.20	5.00	100	M20
MVE 1301/3	27.58	18.86	1355	1365	30.3		1.30	1.38	2.44	2.25	5.20	5.00	100	M20
MVE 1310/3	22.34	22.34	1123	1616	30.0		1.30	1.38	2.44	2.25	5.20	5.00	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	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	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	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	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	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	135	M32

TYPE	Mechanical Features						Electric Features							
	Working moment (*)		FC		Weight		Power		Current		Ia/In		Temp. Class Dust (°C)	Cable Glande
	Kgcm		Kg		Kg		Kw		A max (Δ)					
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz	50Hz	60Hz	50Hz	60Hz		
MVE 6500/3	129.55	90.54	6510	6552	228.4	229.6	5.50	5.50	9.5	8	4.20	5.30	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	135	M32

(\*) = Working moment = 2 x static moment

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	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
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	219		41	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	260		43	***	***	***	4	154	175	15	79	142	163	131	
MVE 400/3	C	30	260		43	***	***	***	4	154	175	15	79	142	163	131	
MVE 500/3	D	40	338		75	105	140	13	4	168	196	22	92	169	178	158	
MVE 700/3	D	40	338		75	105	140	13	4	168	196	22	92	169	178	158	
MVE 800/3	D	50	311		47	120	170	17	4	208	210	22	94	180	205	170	
MVE 1200/3	D	50	311		47	120	170	17	4	208	210	22	94	180	205	170	
MVE 1300/3	D	50	321		47	120	170	17	4	208	210	22	94	180	205	170	
MVE 1301/3	D	53	321		47	100	180	17	4	236	210	26	98	180	205	170	
MVE 1310/3	D	55	321		47	100	200	17	4	236	210	26	98	180	205	170	
MVE 1600/3	D	60	418		83	140	190	17	4	229	247	30	120	247	220	222	
MVE 2000/3	D	60	418		83	140	190	17	4	229	247	30	120	247	220	222	
MVE 2300/3	D	60	418		83	140	190	17	4	229	247	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 (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	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
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	

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

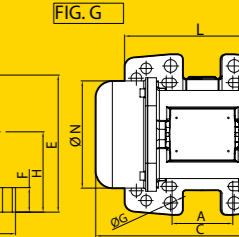
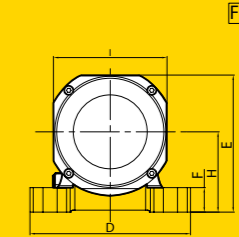
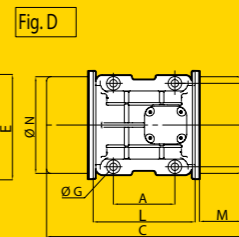
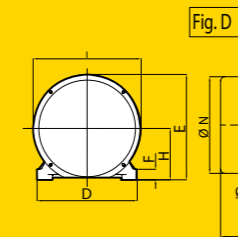
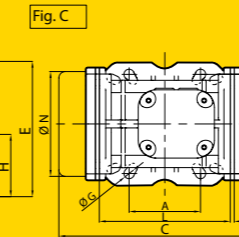
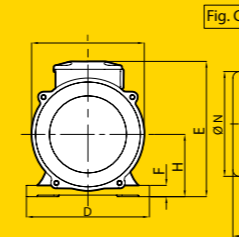
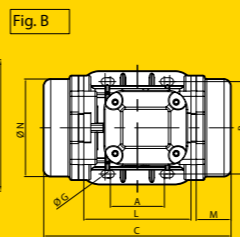
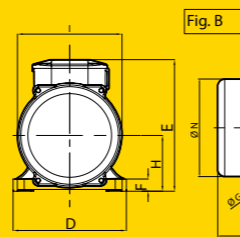
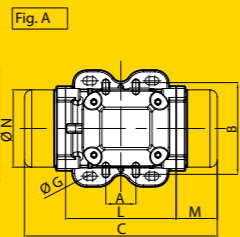
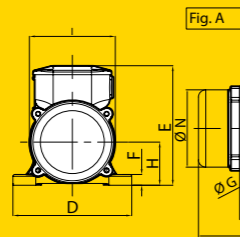
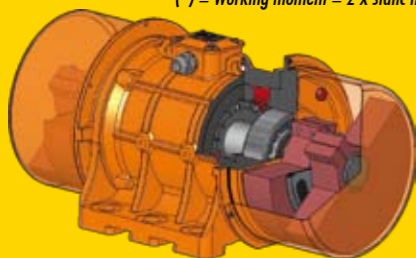


Fig. A

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

Fig. G

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

Fig. C

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