



- ATEX zone 22 & 21
- Class II Div.2
- Temperature range -20/+40 °C
- II 2 D Ex tb IIIC Tx Db IP66
- Equipment and protective system intended for use in potentially explosive atmospheres (Zone 21) - Directive 2014/34/UE
- Compliance with essential health and safety requirements
- IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31



TWO POLE - 3000 RPM

Code	Type	Size	Mechanical Features			Electrical Features			Certificate		Italvibras Conversion Guide
			Working Moment * (kgcm)	FC (kg)	Weight (kg)	kW	Standard Nominal Current (A)	Cable Gland			
							50 Hz (400V)	Metric	Class II Div .2	ExII 2D (°C)	
VIOLIMVE 60/3	MVE 60/3E	10A0	1.3	66	4.2	0.09	0.25	M16	T4	100	MVSI 3/100
VIOLIMVE 100/3	MVE 100/3E	10A0	2.0	98	5	0.09	0.25	M16	T4	100	MVSI 3/100
VIOLIMVE 200/3	MVE 200/3E	20A0	3.7	187	7	0.15	0.35	M20	T4	100	MVSI 3/200
VIOLIMVE 300/3	MVE 300/3E	30A0	6.4	321	10	0.25	0.52	M20	T4	100	MVSI 3/300
VIOLIMVE 400/3	MVE 400/3E	30A0	8.0	407	10.3	0.27	0.58	M20	T4	100	MVSI 3/300
VIOLIMVE 500/3	MVE 500/3E	40A0	10.3	530	16	0.5	0.96	M20	T4	135	MVSI 3/500
VIOLIMVE 700/3	MVE 700/3E	40A0	14.9	758	16.5	0.59	1.25	M20	T4	135	MVSI 3/700
VIOLIMVE 800/3	MVE 800/3E	50A0	15.7	794	20.3	0.7	1.45	M20	T4	135	MVSI 3/800
VIOLIMVE 1200/3	MVE 1200/3E	50A0	20.3	1005	21.3	0.95	1.85	M20	T4	135	MVSI 3/1100
VIOLIMVE 1300/3	MVE 1300/3E	50A0	26.6	1355	21.7	1.3	2.44	M20	T4	135	MVSI 3/1100
VIOLIMVE 1600/3	MVE 1600/3E	60A0	31.3	1601	51	1.54	2.94	M25	T4	135	MVSI 3/1600
VIOLIMVE 2000/3	MVE 2000/3E	60A0	36.8	2027	52	2.1	3.75	M25	T4	135	MVSI 3/2010
VIOLIMVE 2300/3	MVE 2300/3E	60A0	46.0	2302	53	2.4	4.44	M25	T4	135	MVSI 3/2310
VIOLIMVE 3200/3	MVE 3200/3E	75A1	68.1	3252	103	2.76	5.3	M32	T4	135	MVSI 3/3200
VIOLIMVE 4000/3	MVE 4000/3E	75A1	79.4	4033	107	2.9	5.3	M32	T4	135	MVSI 3/4000

* working moment = 2x static moment

Stocked items

LOOKING TO REPLACE AN ITALVIBRAS?

OLI vibrators will replace Italvibras easily **, simply use the Italvibras type (product) code to find the equivalent OLI vibrator. Some examples are below. Confirm foot print and power matches on every conversion

Italvibras Type	OLI Type
MVSI 3/300	MVE 300/3
MVSI 3/1600	MVE 1600/3

** Not every sizes matches exactly, some vary in power.



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DIMENSIONS

Type	Fig.	Size	C (mm)	M (mm)	A (mm)	B (mm)	ØG (mm)	Holes (no.)	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	ØN (mm)
MVE 60/3E	A1	10A0	213	45	*	*	*	4	130	135	11	50	96	107	85
MVE 100/3E	A1	10A0	213	45	*	*	*	4	130	135	11	50	96	107	85
MVE 200/3E	B1	20A0	233	54	62-74	106	9	4	130	154	15	65	125	120	112
MVE 200/3E	G	23A0	222	55	**	**	**	4	164	140	25	82	116	159	110
MVE 300/3E	C1	30A0	254	42	***	***	***	4	150	173	15	79	150	166	134
MVE 400/3E	C1	30A0	274	52	***	***	***	4	150	173	15	79	150	166	134
MVE 500/3E	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158
MVE 700/3E	D1	40A0	330	78	105	140	13	4	170	196	20	92	169	166	158
MVE 800/3E	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170
MVE 1200/3E	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170
MVE 1300/3E	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170
MVE 1600/3E	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222
MVE 2000/3E	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222
MVE 2300/3E	D1	60A0	402	90	140	190	17	4	230	260	26	124	240	218	222
MVE 3200/3E	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265
MVE 4000/3E	D1	75A1	516	117	155	255	25	4	304	314	30	147	285	277	265

MULTIPLE FOOTPRINT

*			* *			* * *		
A (mm)	B (mm)	ØG (mm)	A (mm)	B (mm)	ØG (mm)	A (mm)	B (mm)	ØG (mm)
62-74	106	9	62-74	106	9	80	110	11
33	83-102	7	65	140	13	90	125	13
			115	135	11	124	110	11
			135	115	11	135	115	11

* working moment = 2x static moment

NB: Fig. on page 17 - 19



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FOUR POLE - 1500 RPM

Code	Type	Size	Mechanical Features			Electrical Features			Certificate		Italvibras Conversion Guide
			Working Moment * (kgcm)	FC (kg)	Weight (kg)	kW	Standard Nominal Current (A)	Cable Gland	Class II Div. 2	ExII 2D (°C)	
							50 Hz (400V)	Metric	Temp. Class	Temp. Class	
VIOLIMVE 40/15	MVE 40/15E	10A0	2.0	25	4.6	0.05	0.31	M16	T4	100	MVSI 15/35
VIOLIMVE 90/15	MVE 90/15E	20A0	6.0	75	7.4	0.07	0.31	M20	T4	100	MVSI 15/80
VIOLIMVE 200/15	MVE 200/15E	30A0	15.4	194	11.8	0.12	0.49	M20	T4	100	MVSI 15/200
VIOLIMVE 400/15	MVE 400/15E	40A0	33.4	420	19.5	0.27	0.84	M20	T4	135	MVSI 15/400
VIOLIMVE 500/15	MVE 500/15E	40A0	40.1	504	21	0.35	1.06	M20	T4	135	MVSI 15/550
VIOLIMVE 300/15	MVE 300/15E	50A0	26.6	334	22	0.62	1.32	M20	T4	135	MVSI 15/700
VIOLIMVE 700/15	MVE 700/15E	50A0	56.8	714	27.4	0.62	1.32	M20	T4	135	MVSI 15/700
VIOLIMVE 1100/15	MVE 1100/15E	51A0	88.7	1102	36	0.64	1.4	M20	T4	135	MVSI 15/1100
VIOLIMVE 1400/15	MVE 1400/15E	60A0	108.6	1364	63.5	0.7	1.78	M25	T4	135	MVSI 15/1410
VIOLIMVE 1700/15	MVE 1700/15E	60A0	137.3	1725	67.5	1.13	2.16	M25	T4	135	MVSI 15/1710
VIOLIMVE 2400/15	MVE 2400/15E	60A0	187.7	2358	68	1.57	3.2	M25	T4	135	MVSI 15/2000
VIOLIMVE 2500/15	MVE 2500/15E	70A0	203.5	2557	85	1.76	3.08	M25	T4	135	MVSI 15/2410
VIOLIMVE 3000/15	MVE 3000/15E	70A0	248.7	3124	83.5	1.9	3.68	M25	T4	135	MVSI 15/3000
VIOLIMVE 3800/15	MVE 3800/15E	75A0	306.7	3853	125	2.2	4.15	M32	T4	135	MVSI 15/3810
VIOLIMVE 4300/15	MVE 4300/15E	75A0	343.2	4312	136.5	2.5	4.5	M32	T4	135	MVSI 15/4300
VIOLIMVE 5500/15	MVE 5500/15E	80A0	437.4	5495	181	2.88	6.5	M32	T4	135	MVSI 15/6000

* working moment = 2x static moment

Stocked items

LOOKING TO REPLACE A ITALVIBRAS?

OLI vibrators will replace Italvibras easily **, simply use the Italvibras type (product) code to find the equivalent OLI vibrator. Some examples are below. Confirm foot print and power matches on every conversion

Italvibras Type	OLI Type
MVSI 15/200	MVE 200/15
MVSI 15/1100	MVE 1100/15

** Not every sizes matches exactly, some vary in power.



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DIMENSIONS

Type	Fig.	Size	C (mm)	M (mm)	A (mm)	B (mm)	ØG (mm)	Holes (no.)	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	ØN (mm)
MVE 40/15E	A	10A0	213	45	*	*	*	4	130	135	11	50	96	107	85
MVE 90/15E	B	20A0	233	54	62-74	106	9	4	130	154	15	65	125	120	112
MVE 200/15E	C	30A0	274	52	***	***	***	4	150	173	15	79	150	166	134
MVE 400/15E	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160
MVE 500/15E	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160
MVE 300/15E	D1	50A0	321	62	120	170	17	4	208	210	22	96	185	192	170
MVE 700/15E	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170
MVE 1100/15E	D1	51A0	414	106	120	170	17	4	208	220	25	105	202	192	187
MVE 1400/15E	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222
MVE 1700/15E	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222
MVE 2400/15E	D1	60A0	490	134	140	190	17	4	230	260	26	124	240	218	222
MVE 2500/15E	D1	70A0	501	123	155	225	22	4	275	290	30	140	256	250	236
MVE 3000/15E	D1	70A0	535	140	155	225	22	4	275	290	30	140	256	250	236
MVE 3800/15E	D1	75A0	564	151	155	255	23.5	4	304	314	30	147	285	277	265
MVE 4300/15E	D1	75A0	584	151	155	255	23.5	4	304	314	30	147	285	277	265
MVE 5500/15E	D1	80A0	603	143	180	280	26	4	332	360	37	167	345	304	310

MULTIPLE FOOTPRINT

*			* * *		
A (mm)	B (mm)	ØG (mm)	A (mm)	B (mm)	ØG (mm)
62-74	106	9	80	110	11
33	83-102	7	90	125	13
			124	110	11
			135	115	11

* working moment = 2x static moment

NB: Fig. on page 17 - 19



- ATEX zone 22 & 21
- Class II Div.2
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SIX POLE - 1000RPM

Code	Type	Size	Mechanical Features			Electrical Features			Certificate		Italvibras Conversion Guide
			Working Moment* (kgcm)	FC (kg)	Weight (kg)	kW	Standard Nominal Current (A)	Cable Gland	Class II Div .2	ExII 2D (°C)	
							50 Hz (400V)	Metric	Temp. Class	Temp. Class	
VIOLIMVE 50/1	MVE 50/1E	30A0	9.5	53	10.4	0.12	0.3	M20	T4	100	MVSI 10/40
VIOLIMVE 100/1	MVE 100/1E	30A0	18.8	105	11	0.12	0.3	M20	T4	100	MVSI 10/100
VIOLIMVE 200/1	MVE 200/1E	40A0	33.5	187	18.8	0.15	0.65	M20	T4	135	MVSI 10/200
VIOLIMVE 300/1	MVE 300/1E	50A0	56.9	318	26.3	0.25	0.67	M20	T4	135	MVSI 10/310
VIOLIMVE 500/1	MVE 500/1E	50A0	91.9	513	33.7	0.55	1.22	M20	T4	135	MVSI 10/550
VIOLIMVE 800/1	MVE 800/1E	60A0	137.4	767	60.4	0.75	1.42	M25	T4	135	MVSI 10/810
VIOLIMVE 1100/1	MVE 1100/1E	60A0	187.7	1048	78	0.75	1.42	M25	T4	135	MVSI 10/1110
VIOLIMVE 1500/1	MVE 1500/1E	60A0	284.8	1590	84	0.9	1.8	M25	T4	135	MVSI 10/1400
VIOLIMVE 1600/1	MVE 1600/1E	70A0	299.6	1673	90.2	0.9	2.4	M25	T4	135	MVSI 10/1610
VIOLIMVE 2100/1	MVE 2100/1E	70A0	373.1	2083	104.7	1.5	3	M25	T4	135	MVSI 10/2100
VIOLIMVE 2600/1	MVE 2600/1E	75A0	467.4	2610	148.6	1.96	4.1	M32	T4	135	MVSI 10/2610
VIOLIMVE 3000/1	MVE 3000/1E	75A0	540.3	3017	149	2.2	4.5	M32	T4	135	MVSI 10/3000
VIOLIMVE 3800/1	MVE 3800/1E	80A0	680.4	3799	215.6	2.5	5.5	M32	T4	135	MVSI 10/3810
VIOLIMVE 4700/1	MVE 4700/1E	80A0	838.3	4681	219.8	3.2	6.5	M32	T4	135	MVSI 10/4700
VIOLIMVE 5200/1	MVE 5200/1E	85A0	929.9	5192	263.8	3.8	6.92	M32	T4	135	MVSI 10/5200
VIOLIMVE 6500/1	MVE 6500/1E	85A0	1165.2	6506	288.4	4.3	7.76	M32	T4	135	MVSI 10/6500

* working moment = 2x static moment

Stocked items

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Italvibras Type	OLI Type
MVSI 10/100	MVE 100/1
MVSI 10/2100	MVE 2100/1

** Not every sizes matches exactly, some vary in power.



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DIMENSIONS

Type	Fig.	Size	C (mm)	M (mm)	A (mm)	B (mm)	ØG (mm)	Holes (no.)	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	L (mm)	ØN (mm)
MVE 50/1E	C	30A0	274	52	***	***	***	4	150	173	15	79	150	166	134
MVE 100/1E	C	30A0	304	67	***	***	***	4	150	173	15	79	150	166	134
MVE 200/1E	D1	40A0	330	78	105	140	13	4	170	196	20	92	174	166	160
MVE 300/1E	D1	50A0	391	97	120	170	17	4	208	210	22	96	185	192	170
MVE 500/1E	D1	50A0	455	129	120	170	17	4	208	210	22	96	185	192	170
MVE 800/1E	D1	60A0	446	112	140	190	17	4	230	260	26	124	240	218	222
MVE 1100/1E	D1	60A0	490	134	140	190	17	4	230	260	26	124	240	218	222
MVE 1500/1E	D1	60A0	566	172	140	190	17	4	230	260	26	124	240	218	222
MVE 1600/1E	D1	70A0	563	154	155	225	22	4	275	290	30	140	256	250	236
MVE 2100/1E	D1	70A0	623	184	155	225	22	4	275	290	30	140	256	250	236
MVE 2600/1E	D1	75A0	692	205	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3000/1E	D1	75A0	692	205	155	255	23.5	4	304	314	30	147	285	277	265
MVE 3800/1E	D1	80A0	683	183	180	280	26	4	332	354	32	170	330	312	311
MVE 4700/1E	D1	80A0	733	208	180	280	26	4	332	354	32	170	330	312	311
MVE 5200/1E	D1	85A0	704	170	200	320	28	4	385	402	40	203	394	360	378
MVE 6500/1E	D1	85A0	704	170	200	320	28	4	385	402	40	203	394	360	378

MULTIPLE FOOTPRINT

* * *

A (mm)	B (mm)	ØG (mm)
80	110	11
90	125	13
124	110	11
135	115	11

* working moment = 2x static moment

NB: Fig. on page 18 & 19