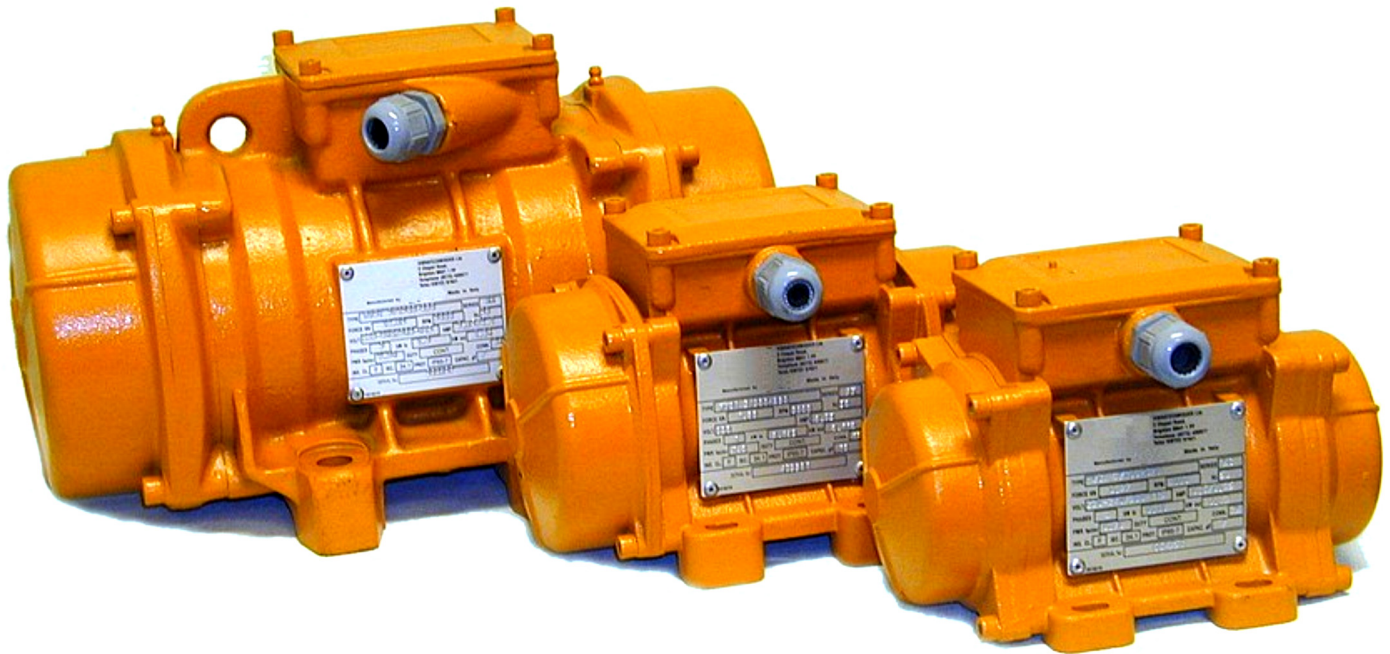


ELECTRIC VIBRATORS

MVSI

VIBRATECHNIQUES LTD

20 Cecil Pashley Way, Shoreham Airport, Shoreham by Sea, West Sussex, BN43 5FF
Tel: +44 (0)1273 430977 Fax: +44 (0)1273 430978 Email: sales@vibtec.com Web: www.vibtec.com



The Vibtec rotary electric vibrator is a special electric motor with both ends of the shaft extended and fitted with eccentric weights, the casing is made of aluminium alloy up to frame size 60 and in spheroid graphite cast iron of high mechanical strength for all other frame sizes.

The motor is an asynchronous type consists of a stator with a low loss magnetic core lamination giving in high efficiency and low running temperature for the motor. The windings are wound to Class F insulation, most of the range are totally vacuum encapsulated which eliminates the need for anti-condensation heaters.

The combination of a drive shaft treated to withstand high stress and the specifically designed oversize bearings enable the units to perform continuously with 100% centrifugal force.

The eccentric weights are easily adjustable so that the centrifugal force can be varied on most models. .

Features:

- Enclosure protection to IP66
- Class F Insulation
- Large terminal collections
- 24 v to 690v Variable
- Ambient temperature to 30°C
- Alex rated, zone 21,22 as standard

Typical Uses:

- Feeding
- Screening
- Compacting
- Hopper evacuation

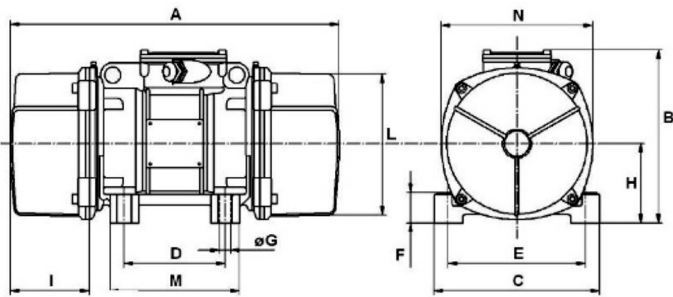
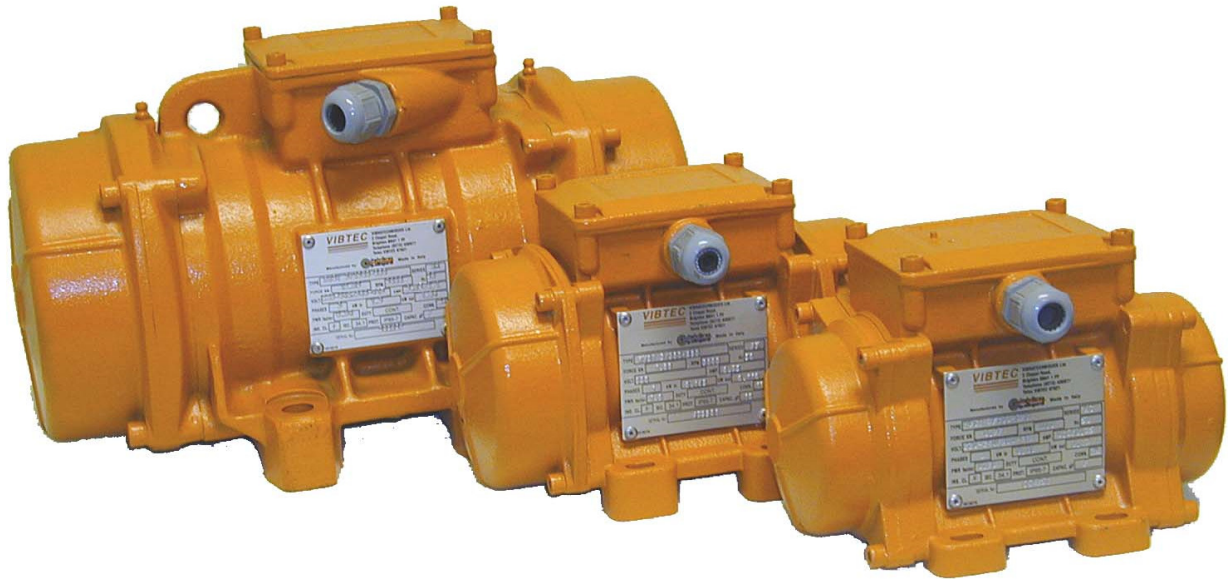
Typical Industries:

- Concrete Chemical
- Packaging Mining
- Metallurgical Foundry
- Plastics Food
- Mechanical Handling

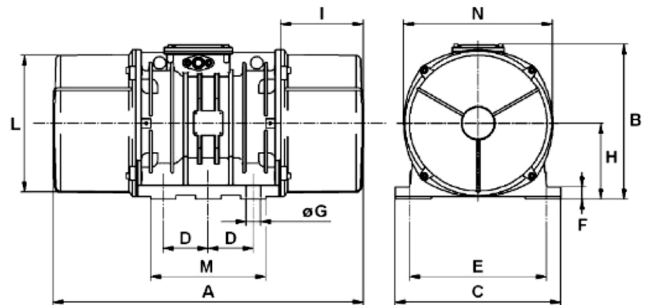
SPECIFICATION (See Data sheets for full range) 2, 4, 6 Pole. Available in 60 Hz 8 Pole special order in 60Hz

Models	Centrifugal Force / Kg	Power Watts	Voltage	Speed
MVSI 3/100-S02 - MVSI 3/9000-S90	121 - 9007	180 - 10000	380/415v 3Ph 50Hz	2 Pole 3000 RPM
MVSI 3/100-S02 - MVSI 3/800-S02	121 - 785	121 - 785	220/240v 1Ph 50Hz	2 Pole 3000 RPM
MVSI 15/35-S02 - MVSI 15/14500-S90	30 - 14120	85 - 11000	380/415v 3Ph 50Hz	4 pole 1500 RPM
* MVSI 15/35-S02 - MVSI 15/700-S02	30 - 213	90 - 210	220/240v 1Ph 50Hz	4 pole 1500 RPM
MVSI 10/40-S02 - MVSI 10/30000-S02	35 - 30560	120 - 24000	380/415v 3Ph 50Hz	6 Pole 1000RPM
MVSI 075/150-S02 - MVSI 075/30000-S02	104 - 21070	230 - 2400	380/415v 3Ph 50Hz	8 Pole 750 RPM

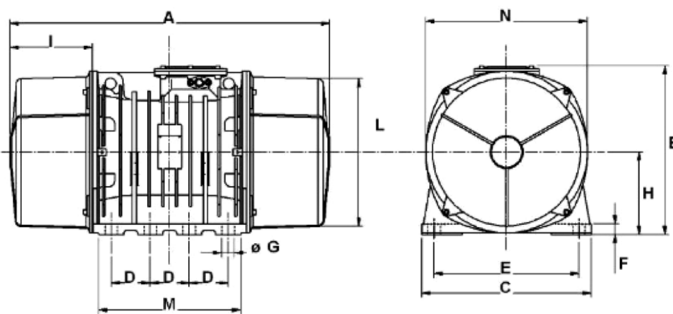
* MVSI 15/200and above require start and run capacitors



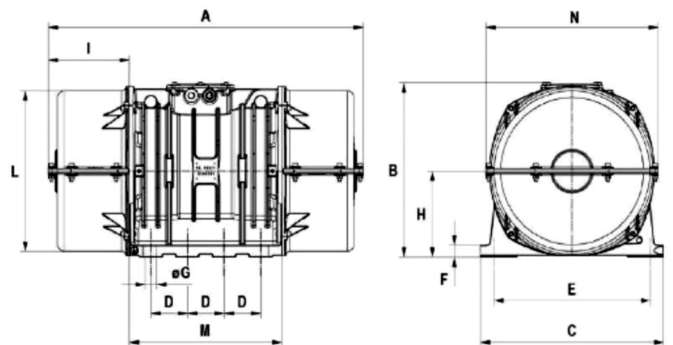
4 Hole Mounting Fig. A



6 Hole Mounting Fig. C



8 Hole Mounting Fig. F

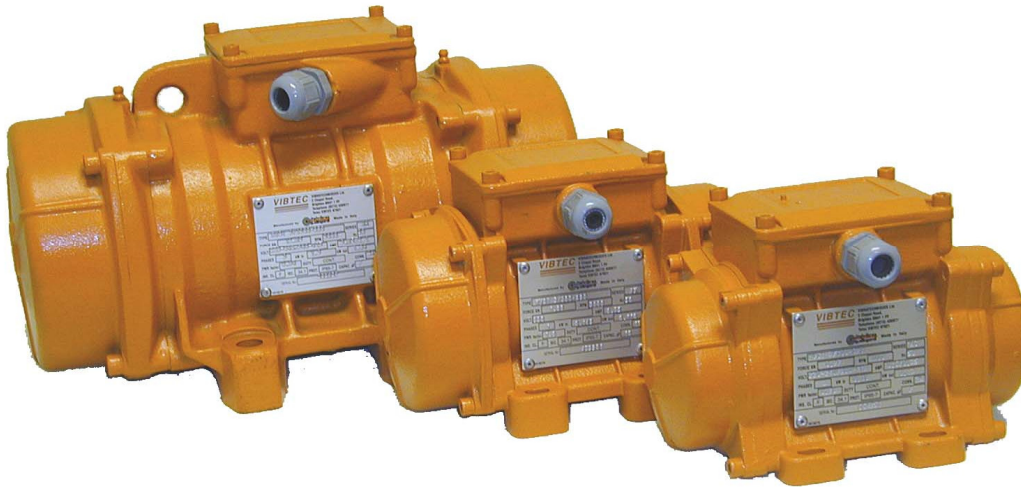


8 Hole Mount c/w Split Covers Fig Q

Design Suffix

Build S02	2002 Change	Features: on small Vibrators press fit flange, on large Vibrators bolted, some encapsulated
Build S08	2008 Change	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange
Build S90	1990 Change	Features: Different design end cap bolted through bearing housing into body

PERFORMANCE



MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Ia/In	
		kgmm		kg		kN		Kgs		Watts		Amps		50 Hz	60Hz
		50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz
MVSI3		400v 3Ph 50Hz/460v 3Ph 50Hz 2 Poles Vibrator running at 6000 RPM 100Hz													
MVSI3/100-S02	00	12.0	12.0	121	174	1.19	1.71	5.60	5.60	180	180	0.35	0.30	2.68	3.00
MVSI3/200-S02	01	21.0	15.0	211	218	2.07	2.14	6.40	6.20	180	180	0.35	0.30	2.68	3.00
MVSI3/300-S02	10	30.1	20.4	304	297	2.98	2.91	9.70	9.20	260	270	0.60	0.50	3.47	4.20
MVSI3/500-S02	20	49.9	32.4	503	471	4.93	4.62	14.8	13.8	450	500	0.80	0.75	4.21	4.80
MVSI3/700-S02	20	72.8	-	734	-	7.19	-	15.1	-	450	-	0.80	-	4.21	-
MVSI3/800-S02	30	78.0	52.0	785	754	7.70	7.40	21.0	20.0	650	685	1.10	1.00	3.83	6.00
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

Special Build/Stock Modification on MVSI3/100-MVSI3/800 2 Pole Vibrator to run at 6000RPM

Please note this is a Standard Stock Vibrator modified

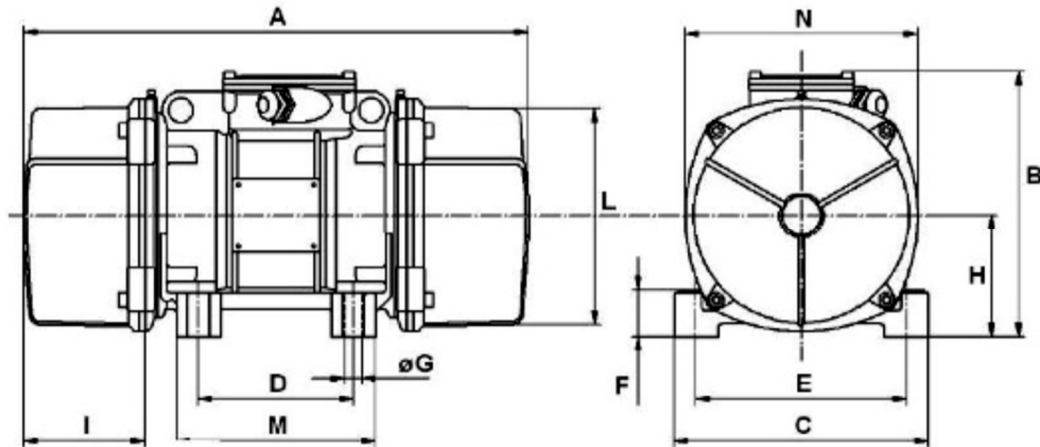
It is possible build/modify the vibrator with 25% of weights fitted on the MVSI3/100 to MVSI3/800 and increase the speed via a convertor to 6000 rpm so the unit is effectively run at 100 hz. It should be taken into account that this will reduce the Bearing Life . When using the Electronic Converter type EC Leaflet L0403 it is possible to have an input voltage of 60Hz and output to the Vibrator of 50 Hz. Running at higher speed does not increase the current. Effectively if you increase the speed from 3000 to 6000 rpm the centrifugal force increases 4 times, So the correct weight adjustment to have same force at 3000 rpm is 25%.)



It is essential to state correct frequency when ordering convertor standard units are 200 Hz. For this application 100 Hz is required

Model	3.5kVA		5.5kVA		7.5kVA		15.0kVA	
Input Voltage	400Volt /3Phase /50/60 Hertz							
Input Current	9 amp	9 amp	13 amp	13 amp	16 amp	16 amp	26 amp	26 amp
Input Power	6.5kVA	6.5kVA	9.0kVA	9.0kVA	11.0kVA	11.0kVA	18.0kVA	18.0kVA
Input Cable	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr
Output Voltage	250/3/200	400/3/200	250/3/200	400/3/200	250/3/200	400/3/200	250/3/200	400/3/200
Output Current	8 amp	5 amps	13 amp	7.5 amps	17 amp	10 amps	34 amp	20 amps
Output Frequency	100Hz							
Output Power	3.5kVA	3.5kVA	5.5kVA	5.5kVA	7.5kVA	7.5kVA	15.0kVA	15kVA
Transformer	Galvanic separated Transformer							
Sockets/Amperage	4 x 32 amp		6 x 32 amp		6 x 32 amp		8 x 32 amp	
Protection	IP44							
Cabinet	500 x 500 x 400						600 x 600 x 600	

DIMENSIONS



MODEL	Fig.	A	B	C	D	E	F	4 Hole Mounting Fig. A								Cable Entry Thread X 1.5
								G		H	I	L	M	N		
								Dia.	No.							
MVSI 3		400v 3Ph 50Hz/460v 3Ph 50Hz 2 Poles Vibrator running at 6000 RPM 100Hz														
MVSI3/100-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20	
MVSI3/200-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20	
MVSI3/300-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20	
MVSI3/500-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25	
MVSI3/700-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25	
MVSI3/800-S02	A	308	216	205	120	170	45	17	4	93.5	63	170	160	182	M25	

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

Special Build/Stock Modification on MVSI3/100-MVSI3/800 2 Pole Vibrator to run at 6000RPM

Please note this is a Standard Stock Vibrator modified

It is possible build/modify the vibrator with 25% of weights fitted on the MVSI3/100 to MVSI3/800 and increase the speed via a convertor to 6000 rpm so the unit is effectively run at 100 hz. It should be taken into account that this will reduce the Bearing Life . When using the Electronic Converter type EC Leaflet L0403 it is possible to have an input voltage of 60Hz and output to the Vibrator of 50 Hz. Running at higher speed does not increase the current. Effectively if you increase the speed from 3000 to 6000 rpm the centrifugal force increases 4 times, So the correct weight adjustment to have same force at 3000 rpm is 25%.)



It is essential to state correct frequency when ordering convertor standard units are 200 Hz. For this application 100 Hz is required

Model	3.5kVA		5.5kVA		7.5kVA		15.0kVA	
Input Voltage	400Volt /3Phase /50/60 Hertz							
Input Current	9 amp	9 amp	13 amp	13 amp	16 amp	16 amp	26 amp	26 amp
Input Power	6.5kVA	6.5kVA	9.0kVA	9.0kVA	11.0kVA	11.0kVA	18.0kVA	18.0kVA
Input Cable	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr
Output Voltage	250/3/200	400/3/200	250/3/200	400/3/200	250/3/200	400/3/200	250/3/200	400/3/200
Output Current	8 amp	5 amps	13 amp	7.5 amps	17 amp	10 amps	34 amp	20 amps
Output Frequency	100Hz							
Output Power	3.5kVA	3.5kVA	5.5kVA	5.5kVA	7.5kVA	7.5kVA	15.0kVA	15kVA
Transformer	Galvanic separated Transformer							
Sockets/Amperage	4 x 32 amp		6 x 32 amp		6 x 32 amp		8 x 32 amp	
Protection	IP44							
Cabinet	500 x 500 x 400						600 x 600 x 600	

PERFORMANCE



Vibrator with loose Capacitor (s) No cable Vibrator with Boxed Capacitor (s) and one metre of cable

MODEL	Frame Size	Mechanical Specification								Electrical Specification							
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Capacitor μ F		Ia/In	
		kgmm		kg		kN		Kgs		Watts		Amps		μ F		50 Hz	60Hz
		50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz
MVSI 3		220/240v 1Ph 50Hz/240v/1Ph 60Hz 2 Poles 3000/3600 RPM															
MVSI3/100-S02	00	12.0	12.0	121	174	1.19	1.71	5.60	5.60	165	165	0.75		10		2.68	
MVSI3/200-S02	01	21.0	15.0	211	218	2.07	2.14	6.40	6.20	165	165	0.75		10		2.68	
MVSI3/300-S02	10	30.1	20.4	304	297	2.98	2.91	9.70	9.20	280	280	1.25		16		3.47	
MVSI3/500-S02	20	49.9	32.4	503	471	4.93	4.62	14.8	13.80	500	500	2.30		12.5		4.21	
MVSI3/700-S02	20	72.8	-	734	-	7.19	-	15.1	-	500	500	2.30		12.5		4.21	
MVSI3/800-S02	30	78.0	52.0	785	754	7.70	7.40	16.8	15.90	700	700	3.25		25.0		3.83	
MVSI3		110/115v 1Ph 50Hz/115v 1Ph 60Hz 2 Poles 3000/3600 RPM															
MVSI3/100-S02	00	12.0	12.0	121	174	1.19	1.71	5.60	5.60	165	165		1.52		28.0		2.24
MVSI3/200-S02	01	21.0	15.0	211	218	2.07	2.14	6.40	6.20	165	165		1.52		28.0		2.24
MVSI3/300-S02	10	30.1	20.4	304	297	2.98	2.91	9.70	9.20	280	280		2.40		25.0		3.52
MVSI3/500-S02	20	49.9	32.4	503	471	4.93	4.62	14.8	13.80	500	500		4.50		50.0		4.22
MVSI3/700-S02	20	72.8	-	734	-	7.19	-	15.1	-	500	500		-		-		
MVSI3/800-S02	30	78.0	52.0	785	754	7.70	7.40	16.8	15.90	700	700		7.00		90.0		

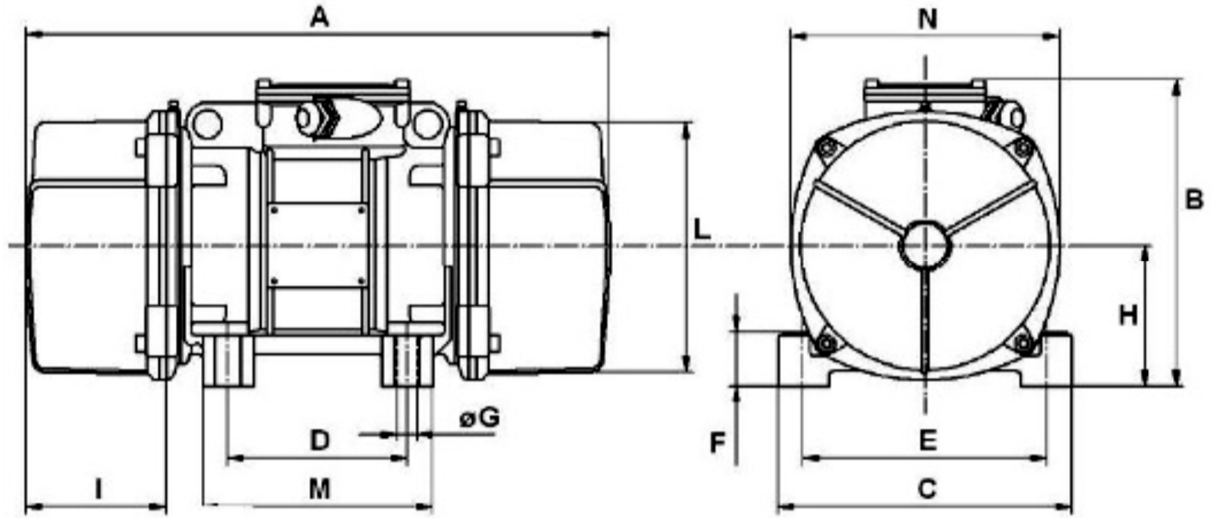
NB MVSI13/700 7&VSI13/800 115 Volt should be used with caution and wiring should be expertly engineered

Build S02	2002 Change	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated
Build S08	2008 Change	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange
Build S90	1990 Change	Features: Different design end cap bolted through bearing housing into body

MVSI3/100, MVSI3/200, MVSI3/300 220/240/1/50

Three phase machines can be modified to 220/240/1/50 by wiring up in 'Delta' for 220/240/1/50 supply

DIMENSIONS



4 Hole Mounting Fig. A

MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry
								Dia.	No.						
MVSI 3	220/240v 1Ph 50Hz/240v/1Ph/60Hz 2 Poles 3000/3600 RPM														
MVSI3/100-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20
MVSI3/200-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20
MVSI3/300-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI3/500-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/700-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/800-S02	A	307	210	205	120	170	45	17	4	91.5	51	168	160	178	M25
MVSI 3	110/115v 1Ph 50Hz/115v 1Ph 60Hz 2 Poles 3000/3600 RPM														
MVSI3/100-S02	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M20
MVSI3/200-S02	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M20
MVSI3/300-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI3/500-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/700-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/800-S02	A	307	210	205	120	170	45	17	4	91.5	51	168	160	178	M25

Ia/In Ratio between start up current and maximum current

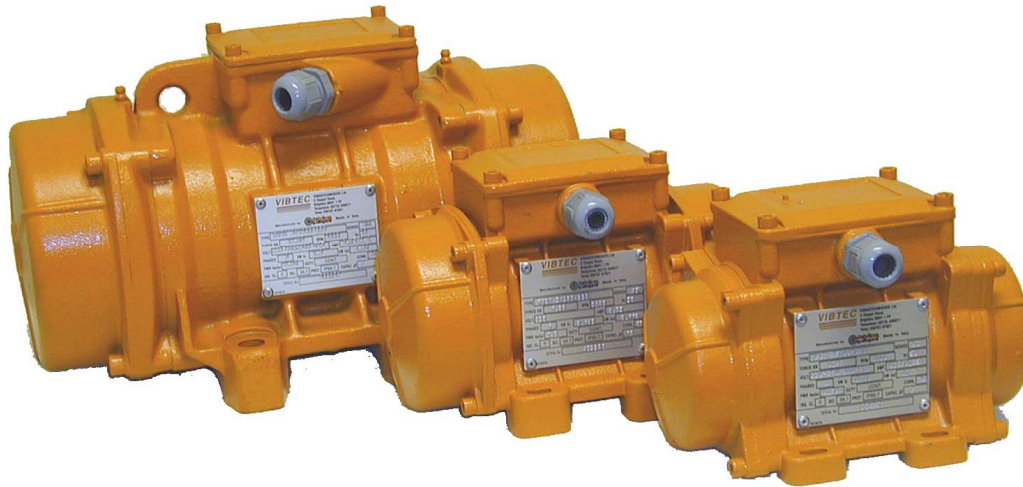
* Working Moment=2 x Static Moment

**Slot

MVSI3/100, MVSI3/200, MVSI3/300 220/240/1/50

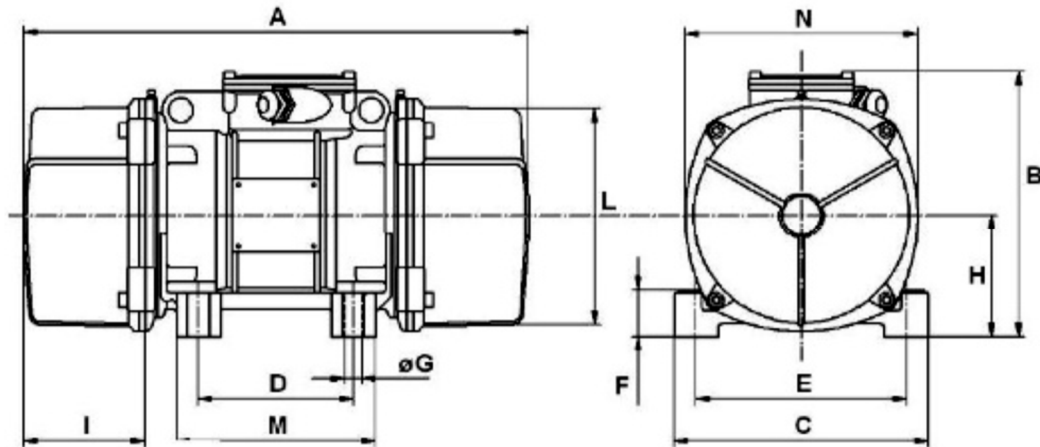
Three phase machines can be modified to 220/240/1/50 by wiring up in 'Delta' for 220/240/1/50 supply

PERFORMANCE



MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Start up Current Amps	
		kgmm		kg		kN		Kgs		Watts		Amps			
		50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60 Hz
MVSI3		230v 3Ph 50Hz /230v 3Ph 60Hz 2 Poles 3000/3600 RPM													
MVSI3/100-S02	00	12.0	12.0	121	174	1.19	1.71	5.60	5.60	180	180	0.60	0.60	1.61	1.80
MVSI3/200-S02	01	21.0	15.0	211	218	2.07	2.14	6.40	6.20	180	180	0.60	0.60	1.61	1.80
MVSI3/300-S02	10	30.1	20.4	304	297	2.98	2.91	9.70	9.20	260	270	1.04	1.00	3.61	4.20
MVSI3/500-S02	20	49.9	32.4	503	471	4.93	4.62	14.8	13.8	450	500	1.38	1.50	5.81	7.20
MVSI3/700-S02	20	72.8	-	734	-	7.19	-	15.1	-	450	-	1.38	-	5.80	-
MVSI3/800-S02	30	78.0	52.0	785	754	7.70	7.40	21.0	20.0	650	685	1.90	1.36	7.27	3.8
MVSI3/1100-S02	35	110.0	73.0	1105	1061	10.8	10.4	23.0	22.0	1000	1200	3.0	3.2	11.00	22.6
MVSI3/1300-S08	AF33	128.0	91.6	1290	1327	12.7	13.0	27.0	25.7	1300	1350	3.63	3.80	14.37	18.92
MVSI3/1500-S08	AF33	146.0	110.0	1470	1595	14.4	15.6	25.3	24.0	1300	1350	3.63	3.80	14.37	18.92
MVSI3/1600-S02	50	153.0	102.0	1545	1483	15.2	14.5	33.0	31.5	1400	1450	3.98	4.0	19.72	24.5
MVSI3/1800-S02	50	179.0	128.0	1802	1853	17.7	18.2	34.0	32.5	2000	2000	5.71	5.8	24.7	31.9
MVSI3/2010-S90	AF50	205.0	128.0	2059	1853	20.2	18.2	48.7	46.3	2200	2200	6.0	6.0	27.7	36.0
MVSI3/2310-S90	AF50	230.0	153.0	2316	2224	22.7	21.8	49.6	47.1	2200	2200	6.0	6.0	27.7	36.0
MVSI3/3200-S02	AF70	344.0	215.0	3457	3112	33.9	30.5	94.0	90.0	4000	4000	11.2	11.2	50.0	58.0
MVSI3/4000-S02	AF70	387.0	258.0	3890	3735	38.2	36.6	96.0	92.0	4000	4000	11.2	11.2	50.0	58.0
MVSI3/5000-S02	AF70	515.0	344.0	5187	4979	50.9	48.8	109	105.0	5000	5000	13.8	13.8	73.6	73.6
MVSI3/6510-S02	90	630.0	443.0	6357	6420	62.4	63.0	184	178.0	5500	5500	16.0	16.0	105.0	115.2
MVSI3/9000-S90	95	895.0	619.0	9007	8970	88.4	88.0	215	210.0	10000	9300	31.0	26.0	136.0	136.0
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



4 Hole Mounting Fig. A

MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry Thread X 1.5
								Dia.	No.						
MVSI 3	230v 3Ph 50Hz/230v 3Ph 60Hz 2 Poles 3000/3600 RPM														
MVSI3/100-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20
MVSI3/200-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20
MVSI3/300-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI3/500-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/700-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/800-S02	A	308	216	205	120	170	45	17	4	93.5	63	170	160	182	M25
MVSI3/1100-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI3/1300-S08	A	375	216.5	215	100	180	47	17	4	93.5	106	170	145	182	M25
MVSI3/1500-S08	A	375	216.5	215	100	180	47	17	4	93.5	106	170	145	182	M25
MVSI3/1600-S02	A	430	246	230	140	190	54	17	4	116	99	207	190	225	M25
MVSI3/1800-S02	A	430	246	230	140	190	54	17	4	116	99	207	190	225	M25
MVSI3/2010-S90	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25
MVSI3/2310-S90	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25
MVSI3/3200-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/4000-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/5000-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/6510-S02	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M32
MVSI3/9000-S90	A	629	395	392	200	320	100	28	4	192	135	355	270	375	M32

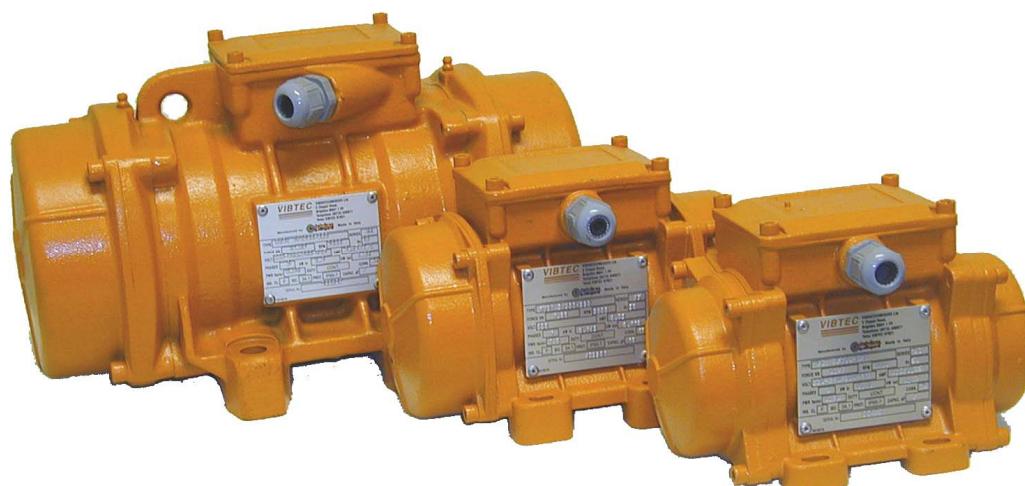
Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

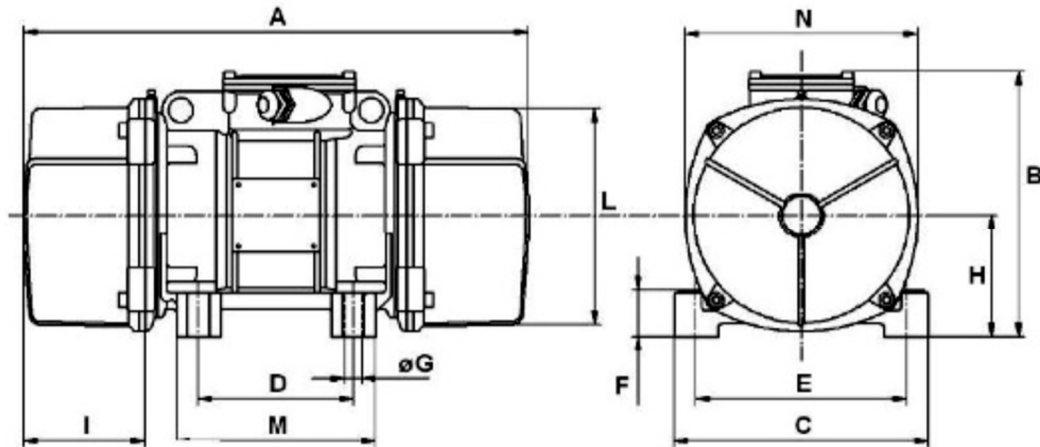
Build Specification S02,S08,S90

PERFORMANCE



MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Ia/In	
		kgmm		kg		kN		Kgs		Watts		Amps		50 Hz	60Hz
		50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz	50 Hz	60Hz		
MVSI3		400v 3Ph 50Hz /460v 3Ph 60Hz 2 Poles 3000/3600 RPM													
MVSI3/100-S02	00	12.0	12.0	121	174	1.19	1.71	5.60	5.60	180	180	0.35	0.30	2.68	3.00
MVSI3/200-S02	01	21.0	15.0	211	218	2.07	2.14	6.40	6.20	180	180	0.35	0.30	2.68	3.00
MVSI3/300-S02	10	30.1	20.4	304	297	2.98	2.91	9.70	9.20	260	270	0.60	0.50	3.47	4.20
MVSI3/500-S02	20	49.9	32.4	503	471	4.93	4.62	14.8	13.8	450	500	0.80	0.75	4.21	4.80
MVSI3/700-S02	20	72.8	-	734	-	7.19	-	15.1	-	450	-	0.80	-	4.21	-
MVSI3/800-S02	30	78.0	52.0	785	754	7.70	7.40	21.0	20.0	650	685	1.10	1.00	3.83	6.00
MVSI3/1100-S02	35	110.0	73.0	1105	1061	10.8	10.4	23.0	22.0	1000	1200	1.75	1.75	3.63	4.00
MVSI3/1300-S08	AF33	128.0	91.6	1290	1327	12.7	13.0	27.0	25.7	1300	1350	2.10	1.90	3.96	4.98
MVSI3/1500-S08	AF33	146.0	110.0	1470	1595	14.4	15.6	25.3	24.0	1300	1350	2.10	1.90	3.96	4.98
MVSI3/1600-S02	50	153.0	102.0	1545	1483	15.2	14.5	33.0	31.5	1400	1450	2.30	2.00	4.95	6.12
MVSI3/1800-S02	50	179.0	128.0	1802	1853	17.7	18.2	34.0	32.5	2000	2000	3.30	2.90	4.33	5.50
MVSI3/2010-S90	AF50	205.0	128.0	2059	1853	20.2	18.2	48.7	46.3	2200	2200	3.50	3.00	4.62	6.00
MVSI3/2310-S90	AF50	230.0	153.0	2316	2224	22.7	21.8	49.6	47.1	2200	2200	3.50	3.00	4.62	6.00
MVSI3/3200-S02	AF70	344.0	215.0	3457	3112	33.9	30.5	94.0	90.0	4000	4000	6.50	5.60	4.46	5.18
MVSI3/4000-S02	AF70	387.0	258.0	3890	3735	38.2	36.6	96.0	92.0	4000	4000	6.50	5.60	4.46	5.18
MVSI3/5000-S02	AF70	515.0	344.0	5187	4979	50.9	48.8	109	105.0	5000	5000	7.60	6.90	5.54	7.10
MVSI3/6510-S02	90	630.0	443.0	6357	6420	62.4	63.0	184	178.0	5500	5500	9.20	8.00	6.45	7.20
MVSI3/9000-S90	95	895.0	619.0	9007	8970	88.4	88.0	215	210.0	10000	9300	18.0	13.00	4.39	5.23
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



								4 Hole Mounting Fig. A							
MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry Thread X 1.5
								Dia.	No.						
MVSI 3	400v 3Ph 50Hz/460v 3Ph 60Hz 2 Poles 3000/3600 RPM														
MVSI3/100-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20
MVSI3/200-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20
MVSI3/300-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI3/500-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/700-S02	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25
MVSI3/800-S02	A	308	216	205	120	170	45	17	4	93.5	63	170	160	182	M25
MVSI3/1100-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI3/1300-S08	A	375	216.5	215	100	180	47	17	4	93.5	106	170	145	182	M25
MVSI3/1500-S08	A	375	216.5	215	100	180	47	17	4	93.5	106	170	145	182	M25
MVSI3/1600-S02	A	430	246	230	140	190	54	17	4	116	99	207	190	225	M25
MVSI3/1800-S02	A	430	246	230	140	190	54	17	4	116	99	207	190	225	M25
MVSI3/2010-S90	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25
MVSI3/2310-S90	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25
MVSI3/3200-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/4000-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/5000-S02	A	560	290	310	155	255	90	25	4	130	137	238	210	253	M25
MVSI3/6510-S02	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M32
MVSI3/9000-S90	A	629	395	392	200	320	100	28	4	192	135	355	270	375	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

Build Specification S02,S08,S90

PERFORMANCE



Vibrator with loose Capacitor (s) No cable

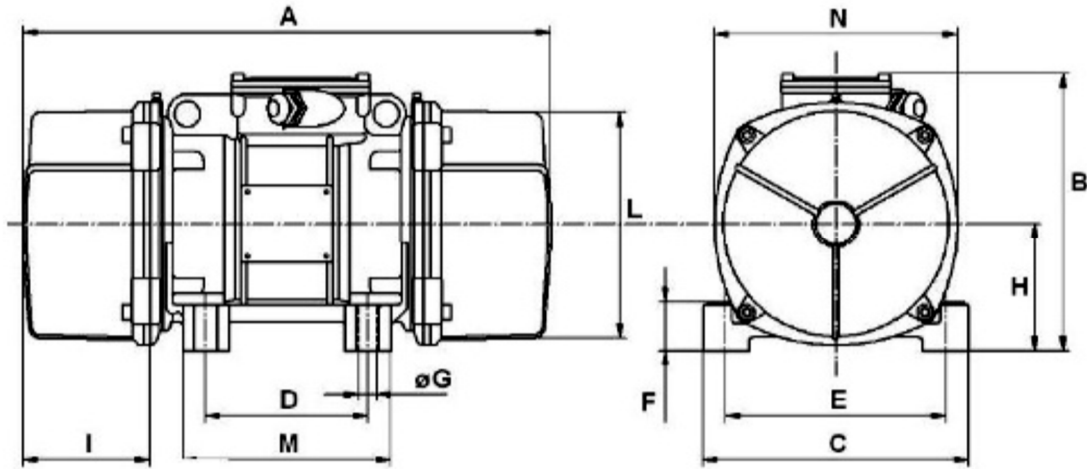
Vibrator with Boxed Capacitor (s) and one metre of cable from Capacitor Box, plug not supplied unless requested. Capacitor Box 160 x 120 x 75mm

MODEL	Frame Size	Mechanical Specification								Electrical Specification							
		Static Moment		Centrifugal Force				Weight		Max Input Power		Maximum Current		Capacitor		Ia/In	
		kgmm		kg		kN		Kgs		Watts		Amps		µF		50Hz	60Hz
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
MVSI 15		220/240v 1Ph 50Hz/240v 3Ph 60Hz 4 Poles 1500/1800RPM															
MVSI 15/35-S02	00	12.0	12.0	30.2	43.5	0.30	0.43	5.60	5.60	90		0.43		3.15		1.20	
MVSI 15/80-S02	01	31.0	21.0	77.9	76.1	0.76	0.75	6.70	6.40	90		0.43		3.15		1.20	
MVSI 15/100-S02	01	38.9	31.0	97.9	112.0	0.96	1.10	7.10	6.70	90		0.43		3.15		1.20	
MVSI 15/200-S02	10	84.2	58.8	213	214.0	2.09	2.10	12.5	11.70	210		1.00		5.0		1.50	
MVSI 15/400-S02 ◊	20	163.0	113.0	412	411.0	4.04	4.03	19.0	18.2	240		1.20		32/12		2.50	
MVSI 15/550-S02 ◊	20	219.0	163.0	552	592.0	5.42	5.81	20.4	19.0	240		1.20		32/12		2.50	
MVSI 15/700-S02 ◊	30	286.0	209.0	720	760.0	7.06	7.46	27.5	26.2	450		2.15		96/16		5.44	
MVSI 15		110/115v 1Ph 50/115v 1Ph 60Hz 4 Poles 1500/1800RPM															
MVSI 15/35-S02	00	12.0	12.0	30.2	43.5	0.30	0.43	5.60	5.60		100		1.00		25		1.30
MVSI 15/80-S02	01	31.0	21.0	77.9	76.1	0.76	0.75	6.70	6.40		100		1.00		25		1.30
MVSI 15/100-S02	01	38.9	31.0	97.9	112.0	0.96	1.10	7.10	6.70		100		1.00		25		1.30
MVSI 15/200-S02	10	84.2	58.8	213	214.0	2.09	2.10	12.5	11.70		230		2.00		25		1.85
MVSI 15/400-S02	20	163.0	113.0	412	411.0	4.04	4.03	19.0	18.2		320		2.80		35		2.21
MVSI 15/550-S02 ◊	20	219.0	163.0	552	592.0	5.42	5.81	20.4	19.0		320		2.80		40/35		2.21
MVSI 15/700-S02 ◊	30	286.0	209.0	720	760.0	7.06	7.46	27.5	26.2		550		5.15		160/40		3.63

NB MVSI 15/550 & MVSI 15/700 115 Volt should be used with caution and wiring should be expertly engineered

Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange
Build S90	Features: Different design end cap bolted through bearing housing into body

DIMENSIONS



4 Hole Mounting Fig. A

MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No						
MVSI 15	220/240v 1Ph 50Hz/240v 3Ph 60Hz 4 Poles 1500/1800RPM														
MVSI 15/35-S02	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M20
MVSI 15/80-S02	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M20
MVSI 15/100-S02	A	249	153	125	62-74	106	24	9	4	61	65	103	100	117	M20
MVSI 15/200-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI 15/400-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI 15/550-S02	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25
MVSI 15/700-S02	A	381	210	205	120	170	45	17	4	91.5	88	168	160	178	M25
MVSI 15	110/115v 1Ph 50/115v 1Ph 60Hz 4 Poles 1500/1800RPM														
MVSI 15/35-S02	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M20
MVSI 15/80-S02	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M20
MVSI 15/100-S02	A	249	153	125	62-74	106	24	9	4	61	65	103	100	117	M20
MVSI 15/200-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI 15/400-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI 15/550-S02	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25
MVSI 15/700-S02	A	381	210	205	120	170	45	17	4	91.5	88	168	160	178	M25

NB MVSI 15/550 & MVSI 15/700 115 Volt should be used with caution and wiring should be expertly engineered

Ia/In Ratio between start up current and maximum current

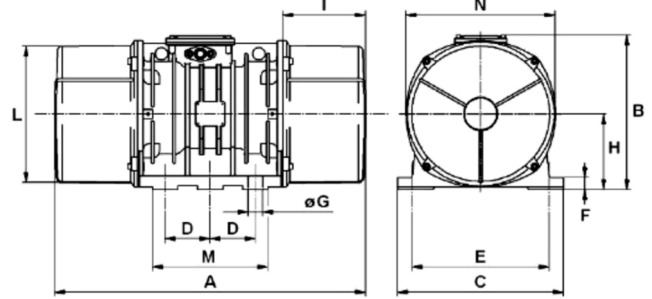
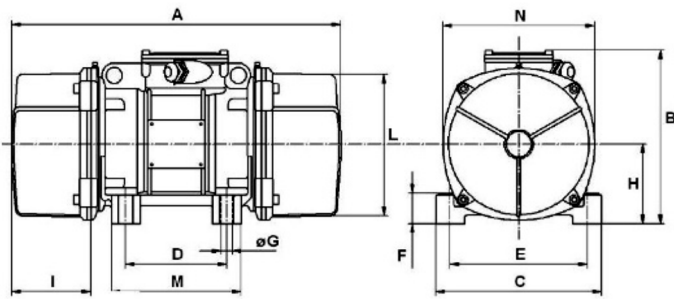
* Working Moment=2 x Static Moment

**Slot

◇ Dual µF Capacitor Start / Capacitor Run on 115v MVSI 15/550 & MVSI 15/700,; 240v MVSI 15/400, MVSI 15/550 & MVSI 15/700

Build Specification S02,S08,S90

PERFORMANCE

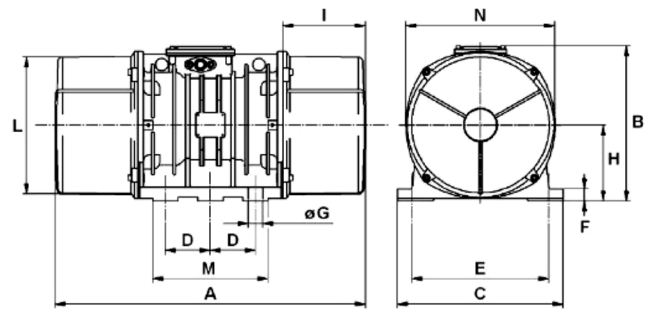
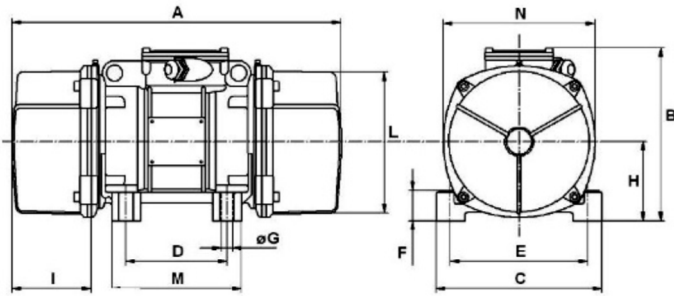


4 Hole Mounting Fig. A

6 Hole Mounting Figure A

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Maximum Current Amps		Start up Current Amps	
		kgmm		kg		Kn		Kgs		Watts		50Hz 60Hz		50Hz 60Hz	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
MVSI 15		230v 3Ph 50Hz/230v 3Ph 60Hz 4 Poles 1500/1600 RPM													
MVSI15/35-S02	00	12.0	12.0	30.2	43.5	0.30	0.43	5.60	5.60	85	95	0.36	0.40	0.64	0.78
MVSI15/80-S02	01	31.0	21.0	77.9	76.1	0.76	0.75	6.70	6.40	85	95	0.36	0.40	0.64	0.78
MVSI15/100-S02 50Hz	01	38.9	31.0	97.9	112.0	0.96	1.10	7.10	6.70	85	95	0.36	0.78	0.64	0.78
MVSI15/100-S02 60Hz															
MVSI15/200-S02	10	84.2	58.8	213	214.0	2.09	2.10	12.5	11.70	170	170	0.71	0.80	1.61	2.2
MVSI15/400-S02	20	163.0	113.0	412	411.0	4.04	4.03	19.0	18.2	300	350	1.04	1.2	3.46	4.2
MVSI15/550-S02	20	219.0	163.0	552	592.0	5.42	5.81	20.4	19.0	300	350	1.04	1.2	3.46	4.2
MVSI15/700-S02	30	286.0	209.0	720	760.0	7.06	7.46	27.5	26.2	525	665	1.59	1.96	5.54	6.72
MVSI15/900-S02	30	357.0	286.0	900	1037	8.83	10.2	30.0	27.5	525	665	1.59	1.96	5.54	6.72
MVSI15/1110-S02	35	415.0	271.0	1045	982	10.3	9.63	35.0	30.5	550	680	1.64	1.90	7.30	9.30
MVSI15/1410-S02	40	561.0	400.0	1413	1449	13.9	14.2	44.0	41.0	900	1050	2.51	3.00	10.3	12.6
MVSI15/1710-S02	50	715.0	485.0	1798	1757	17.6	17.2	51.0	48.5	1100	1200	3.50	3.80	15.0	18.6
MVSI15/2000-S02 50Hz	50	817.0	561.0	2054	2033	20.1	19.9	55.5	51.5	1350	1450	4.30	4.6	18.6	18.6
MVSI15/2000-S02 60Hz															
MVSI15/2410-S08	60	962.0	674.0	2420	2444	23.7	24.0	71.0	66.0	1600	1700	5.5	6.00	33.5	43.4
MVSI15/3000-S08	60	1235	858.0	3106	3107	30.5	30.5	80.0	73.5	1900	2000	6.6	7.0	40.6	52.6
MVSI15/3810-S02	70	1526	1034	3840	3744	37.7	36.7	119.0	110.0	2200	2500	6.75	7.80	48.0	54.0
MVSI15/4300-S02 50Hz	70	1720	1173	4326	4250	42.4	41.7	123.0	117.0	2500	2800	8.3	9.3	49.2	66.4
MVSI15/4300-S02 60Hz															
MVSI15/5010-S02	80	1990	1364	5007	4941	49.1	48.5	161.0	153.0	3600	3400	10.4	10.0	73.0	80.0
MVSI15/6000-S02	80	2248	1677	5654	6075	55.5	59.6	163.5	155.0	3600	3400	10.4	10.00	73.0	80.0
MVSI15/7000-S02	90	2598	1822	6536	6600	64.1	64.7	208.0	185.0	6000	6000	18.2	18.0	118.0	138.0
MVSI15/9000-S90	95	3260	2260	8199	8183	80.4	80.3	225.0	210.0	7000	8000	20.0	23.0	109.0	128.0
MVSI15/9500-S02	97	3346	2462	8416	8916	82.6	87.5	317.0	303.0	7500	8500	21.1	24.0	138.4	160.0
MVSI15/11500-S90	100	4544	3166	11430	11467	112.0	112.0	433.0	411.0	10000	10500	30.3	31.0	213.0	248.0
MVSI15/14500-S90	110	5614	4126	14120	14940	138.0	147.0	458.0	424.0	11000	12000	34.6	40.0	277.0	320.0
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



4 Hole Mounting Fig. A

6 Hole Mounting Fig. C

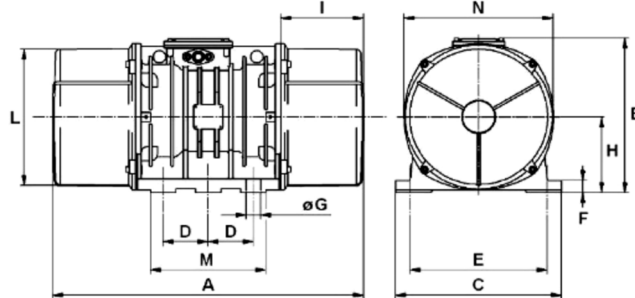
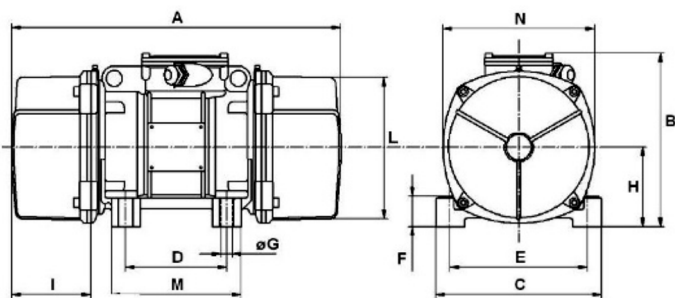
MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No						
MVSI 15	230v 3Ph 50Hz/230v 3Ph 60Hz 4 Poles 1500/1600 RPM														
MVSI15/35-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20
MVSI15/80-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20
MVSI15/100-S02 50Hz	A	249	153	125	62-74**	106	24	9	4	61	65	103	100	117	M20
MVSI15/100-S02 60Hz		58													
MVSI15/200-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI15/400-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI15/550-S02	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25
MVSI15/700-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI15/900-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI15/1110-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI15/1410-S02	A	448	246	230	140	190	54	17	4	116	108	207	190	225	M25
MVSI15/1710-S02	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI15/2000-S02 50Hz	A	574	246	230	140	190	54	17	4	116	171	207	180	225	M25
MVSI15/2000-S02 60Hz		134													
MVSI15/2410-S08	A	537	272	275	155	225	70	22	4	130	137	238	210	253	M25
MVSI15/3000-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI15/3810-S02	A	584	321	310	155	255	77	23.5	4	157	137	277	215	295	M25
MVSI15/4300-S02 50Hz	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI15/4300-S02 60Hz		137													
MVSI15/5010-S02	A	630	347	340	180	280	80	26	4	165	150	303	240	320	M32
MVSI15/6000-S02	A	630	347	340	180	280	80	26	4	165	150	303	240	320	M32
MVSI15/7000-S02	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M32
MVSI15/9000-S90	A	629	395	392	200	320	100	28	4	192	134.5	355	270	375	M32
MVSI15/9500-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI15/11500-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32
MVSI15/14500-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

PERFORMANCE

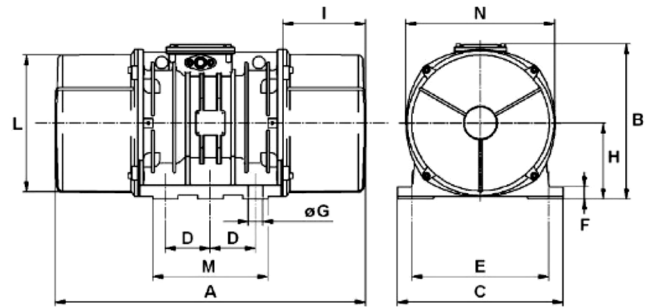
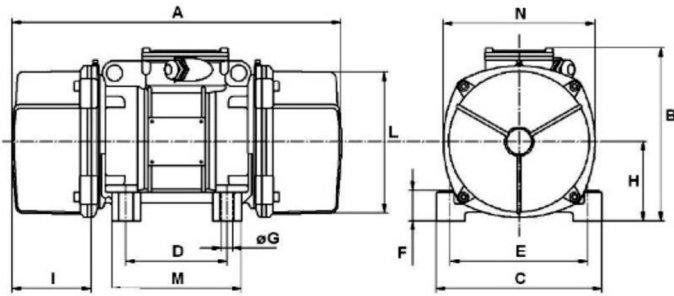


4 Hole Mounting Fig. A

6 Hole Mounting Figure A

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Maximum Current		Ia/In	
		kgmm		kg		Kn		Kgs		Watts		Amps		50Hz	60Hz
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
MVSI 15		400v 3Ph 50Hz/460v 3Ph 60Hz 4 Poles 1500/1600 RPM													
MVSI15/35-S02	00	12.0	12.0	30.2	43.5	0.30	0.43	5.60	5.60	85	95	0.21	0.20	1.78	1.95
MVSI15/80-S02	01	31.0	21.0	77.9	76.1	0.76	0.75	6.70	6.40	85	95	0.21	0.20	1.78	1.95
MVSI15/100-S02 50Hz	01	38.9	31.0	97.9	112.0	0.96	1.10	7.10	6.70	85	95	0.21	0.20	1.78	1.95
MVSI15/100-S02 60Hz															
MVSI15/200-S02	10	84.2	58.8	213	214.0	2.09	2.10	12.5	11.70	170	170	0.41	0.40	2.34	2.75
MVSI15/400-S02	20	163.0	113.0	412	411.0	4.04	4.03	19.0	18.2	300	350	0.60	0.60	3.33	3.50
MVSI15/550-S02	20	219.0	163.0	552	592.0	5.42	5.81	20.4	19.0	300	350	0.60	0.60	3.33	3.50
MVSI15/700-S02	30	286.0	209.0	720	760.0	7.06	7.46	27.5	26.2	525	665	0.92	0.98	3.48	3.43
MVSI15/900-S02	30	357.0	286.0	900	1037.0	8.83	10.2	30.0	27.5	525	665	0.92	0.98	3.48	3.43
MVSI15/1110-S02	35	415.0	271.0	1045	982.0	10.3	9.63	35.0	30.5	550	680	0.95	0.95	4.45	4.89
MVSI15/1410-S02	40	561.0	400.0	1413	1449.0	13.9	14.2	44.0	41.0	900	1050	1.45	1.50	4.10	4.20
MVSI15/1710-S02	50	715.0	485.0	1798	1757.0	17.6	17.2	51.0	48.5	1100	1200	2.00	1.90	4.29	4.89
MVSI15/2000-S02 50Hz	50	817.0	561.0	2054	2033.0	20.1	19.9	55.5	51.5	1350	1450	2.50	2.30	4.30	4.90
MVSI15/2000-S02 60Hz															
MVSI15/2410-S08	60	962.0	674.0	2420	2444.0	23.7	24.0	71.0	66.0	1600	1700	3.20	3.00	6.09	7.23
MVSI15/3000-S08	60	1235.0	858.0	3106	3107.0	30.5	30.5	80.0	73.5	1900	2000	3.80	3.50	6.15	7.50
MVSI15/3810-S02	70	1526.0	1034.0	3840	3744.0	37.7	36.7	119.0	110.0	2200	2500	3.90	3.90	7.11	6.92
MVSI15/4300-S02 50Hz	70	1720.0	1173.0	4326	4250.0	42.4	41.7	123.0	117.0	2500	2800	4.80	4.65	5.90	5.81
MVSI15/4300-S02 60Hz															
MVSI15/5010-S02	80	1990.0	1364.0	5007	4941.0	49.1	48.5	161.0	153.0	3600	3400	6.0	5.00	7.02	8.00
MVSI15/6000-S02	80	2248.0	1677.0	5654	6075.0	55.5	59.6	163.5	155.0	3600	3400	6.00	5.00	7.02	8.00
MVSI15/7000-S02	90	2598.0	1822.0	6536	6600.0	64.1	64.7	208.0	185.0	6000	6000	10.5	9.00	6.48	7.67
MVSI15/9000-S90	95	3260.0	2260.0	8199	8183.0	80.4	80.3	225.0	210.0	7000	8000	11.6	11.50	5.43	5.57
MVSI15/9500-S02	97	3346.0	2462.0	8416	8916.0	82.6	87.5	317.0	303.0	7500	8500	12.2	12.00	6.56	6.67
MVSI15/11500-S90	100	4544.0	3166.0	11430	11467.0	112.0	112.0	433.0	411.0	10000	10500	17.5	15.50	7.03	8.00
MVSI15/14500-S90	110	5614.0	4126.0	14120	14940.0	138.0	147.0	458.0	424.0	11000	12000	20.0	20.00	8.00	8.00
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



4 Hole Mounting Fig. A

6 Hole Mounting Fig. C

MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No						
MVSI 15	400v 3Ph 50Hz/460v 3Ph 60Hz 4 Poles 1500/1600 RPM														
MVSI15/35-S02	A	211	153	125	62-74**	106	24	9	4	61	46	103	100	117	M20
MVSI15/80-S02	A	235	153	125	62-74**	106	24	9	4	61	58	103	100	117	M20
MVSI15/100-S02 50Hz	A	249	153	125	62-74**	106	24	9	4	61	65	103	100	117	M20
MVSI15/100-S02 60Hz		58													
MVSI15/200-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI15/400-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI15/550-S02	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25
MVSI15/700-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI15/900-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI15/1110-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI15/1410-S02	A	448	246	230	140	190	54	17	4	116	108	207	190	225	M25
MVSI15/1710-S02	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI15/2000-S02 50Hz	A	574	246	230	140	190	54	17	4	116	171	207	180	225	M25
MVSI15/2000-S02 60Hz		134													
MVSI15/2410-S08	A	537	272	275	155	225	70	22	4	130	137	238	210	253	M25
MVSI15/3000-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI15/3810-S02	A	584	321	310	155	255	77	23.5	4	157	137	277	215	295	M25
MVSI15/4300-S02 50Hz	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI15/4300-S02 60Hz		137													
MVSI15/5010-S02	A	630	347	340	180	280	80	26	4	165	150	303	240	320	M32
MVSI15/6000-S02	A	630	347	340	180	280	80	26	4	165	150	303	240	320	M32
MVSI15/7000-S02	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M32
MVSI15/9000-S90	A	629	395	392	200	320	100	28	4	192	134.5	355	270	375	M32
MVSI15/9500-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI15/11500-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32
MVSI15/14500-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

PERFORMANCE

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input		Max Current		Start up Current	
		kgmm		kg		kN		Kgs		Power Watts		Amps		Current Amps	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
MVSI 10	230v 3Ph 50 Hz /230v 3ph 60Hz 6 Poles 1000/1200RPM														
MVSI10/40-S02	10	30.1	30.1	35.0	49.0	0.331	0.476	9.70	9.70	120	135	0.52	0.60	0.99	1.24
MVSI10/100-S02	10	84.2	84.2	94.3	136	0.925	1.33	12.5	12.5	120	135	0.52	0.60	0.99	1.24
MVSI10/200-S02	20	163	163	183	264	1.80	2.59	19.0	19.0	185	205	0.86	1.00	2.34	3.10
MVSI10/310-S02	30	286	209	321	338	3.15	3.32	27.5	26.2	350	380	1.25	1.36	3.29	3.80
MVSI10/550-S02	35	457	457	512	737	5.02	7.23	36.5	36.5	350	380	1.30	1.30	3.29	5.00
MVSI10/650-S02 50Hz	35	580	457	650	737	6.37	7.23	41.0	36.5	350	380	1.30	1.36	3.29	5.00
MVSI10/650-S02 60Hz															
MVSI10/810-S08 50Hz	40	723	561	809	905	7.94	8.88	48.0	44.0	680	760	2.42	2.70	6.75	9.00
MVSI10/810-S08 60Hz															
MVSI10/1110-S08	50	1012	715	1132	1151	11.1	11.3	58.0	51.0	750	750	2.85	3.00	9.50	12.40
MVSI10/1400-S08	50	1274	921	1424	1483	14.0	14.5	66.0	59.5	950	1000	3.11		9.50	
MVSI10/1610-S08 50Hz	60	1464	962	1638	1549	16.1	15.2	83.0	71.0	1100	1300	3.80	4.40	16.00	17.80
MVSI10/1610-S08 60Hz															
MVSI10/2100-S08 50Hz	60	1927	1318	2154	2102	21.1	20.6	93.0	82.0	1500	1770	5.50	0.80	17.80	22.00
MVSI10/2100-S08 60Hz															
MVSI10/2610-S02	70	2326	1720	2601	2747	25.5	26.9	130.0	116	1960	2100	7.10	7.50	38.00	42.00
MVSI10/3000-S02	70	2690	1940	3007	3124	29.5	30.6	145.0	130	2200	2400	7.80	8.60	33.80	41.40
MVSI10/3810-S02	80	3422	2380	3826	3831	37.5	37.6	188.0	170	2500	3000	8.80	10.00	52.00	60.00
MVSI10/4700-S02	80	4206	2887	4701	4648	46.1	46.0	204.0	183	3200	3600	11.25	12.00	59.00	66.00
MVSI10/5150-S02	80	4678	3230	5230	5200	51.3	51.0	225	200	3200	3600	11.25	12.00	59.00	66.00
MVSI10/5200-S02	90	4658	3288	5208	5293	51.1	51.9	238.0	205	3800	4000	12.10	13.00	57.00	66.00
MVSI10/5700-S02	90	5044	3490	5650	5620	55.4	55.1	230	210	3800	4000	12.70	13.00	57.00	66.00
MVSI10/6500-S02	90	5838	4055	6527	6529	64.0	64.0	258.0	248	4300	5000	14.20	16.20	64.00	94.40
MVSI10/6600-S02	97	6083	3979	6799	6405	66.7	62.8	285.0	257	5000	5900	17.30	19.60	97.00	114.00
MVSI10/7000-S02	90	6272	4348	7013	7000	68.8	68.7	275.0	253	4300	5000	14.20		64.00	
MVSI10/8000-S90	95	7197	4967	8046	7996	78.9	78.4	315.0	277	7000	7500	21.80	22.80	100	126
MVSI10/9000-S90	95	7752	5385	8666	8669	85.0	85.0	326.0	289	7500	8200	24.20	25.80	100	126
MVSI10/10000-S02	97	8673	5664	9695	9117	95.1	89.4	381.0	340	7600	8000	23.30	24.80	110	122
MVSI10/11200-S02	97	9983	6896	11160	11100	109	109	405.0	370	7600	8000	23.30	24.80	110	122
MVSI10/12000-S90	100	10996	7543	12294	12141	119	119	500.0	445	9000	9500	28.20	30.00		172
MVSI10/13000-S02	97	11510	8158	12867	13130	126	129	460.0	382	9600	10000	29.50	32.00	147	160
MVSI10/15000-S02	105	12662	8700	14155	14004	139	137	643.0	605	10600	11270	33.00	36.00	194	208
MVSI10/17500-S02	105	15500	10439	17327	16804	170	165	705.0	656	13000	13700	42.40	46.00	242	274
MVSI10/19500-S02	105	17947	11430	20062	18400	197	181	711.0	661	14000	14800	44.00	48.00	242	274
MVSI10/22000-S90	110	20025	12533	22386	20208	220	198	926.0	896	19000	19000	57.00	51.00	266	300
MVSI10/25000-S90	110	22364	14785	25000	23800	245	233	960.0	928	19000	19000	57.00	51.00	266	300
MVSI10/30000-S02	120	27285	18760	30560	30200	300	296	1200	1050	24000	25800	40.00			
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS

MODEL	Fig	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No.						
MVSI 10	230v 3Ph 50 Hz /230v 3ph Type MVSI 10 6 Poles 1000/1200RPM														
MVSI10/40-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI10/100-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI10/200-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI10/310-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI10/550-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI10/650-S02 50 Hz	A	480	225	205	120	170	54	17	4	104.5	140	187	162	203	M25
MVSI10/650-S02 60 Hz		435									117.5				
MVSI10/810-S08 50Hz	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI10/810-S08 60Hz		448									108				
MVSI10/1110-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI10/1400-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI10/1610-S08 50Hz	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI10/1610-S08 60Hz		537									137				
MVSI10/2100-S08 50Hz	A	663	272	275	155	225	70	22	4	130	200	238	210	253	M25
MVSI10/2100-S08 60Hz		617									177				
MVSI10/2610-S02	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI10/3000-S02	A	712	321	310	155	255	77	23.5	4	157	201	277	215	295	M25
MVSI10/3810-S02	A	734	347	340	180	280	80	26	4	165	202	303	240	320	M32
MVSI10/4700-S02	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32
MVSI10/5150-S02	A	826	347	340	180	280	80	26	4	165	248	303	240	320	M32
MVSI10/5200-S02	A	744	370	390	200	320	90	28	4	180	192	330	270	350	M32
MVSI10/5700-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/6500-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/6600-S02	C	750	437	460	125	380	35	39	6	215	174	387	320	414	M32
MVSI10/7000-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/8000-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI10/9000-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI10/10000-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI10/11200-S02	C	912	437	460	125	380	35	39	6	215	255	387	320	414	M32
MVSI10/12000-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32
MVSI10/13000-S02	C	1002	437	460	125	380	35	39	6	215	300	387	320	414	M32
MVSI10/15000-S02	F	960	526	570	140	480	41	45	8	268	200	486	510	516	M32
MVSI10/17500-S02	F	1040	526	570	140	480	41	45	8	268	240	486	510	516	M32
MVSI10/19500-S02	F	1120	526	570	140	480	41	45	8	268	280	486	510	516	M32
MVSI10/22000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI10/25000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI10/30000-S02	Q	1205	648	700	140	600	45	45	8	320	310	600	510	660	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

PERFORMANCE

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Ia/In	
		kgmm		kg		kN		Kgs		Watts		Amps		50Hz	60Hz
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
MVSI 10	400v 3Ph 50 Hz /460v 3ph 60Hz 6 Poles 1000/1200RPM														
MVSI10/40-S02	10	30.1	30.1	35.0	49.0	0.331	0.476	9.70	9.70	120	135	0.30	0.30	1.90	2.07
MVSI10/100-S02	10	84.2	84.2	94.3	136	0.925	1.33	12.5	12.5	120	135	0.30	0.30	1,90	2.07
MVSI10/200-S02	20	163	163	183	264	1.80	2.59	19.0	19.0	185	205	0.50	0.50	2.72	3.10
MVSI10/310-S02	30	286	209	321	338	3.15	3.32	27.5	26.2	350	380	0.72	0.68	2.63	2.79
MVSI10/550-S02	35	457	457	512	737	5.02	7.23	36.5	36.5	350	380	0.75	0.68	2.53	3.68
MVSI10/650-S02 50Hz	35	580	457	650	737	6.37	7.23	41.0	36.5	350	380	0.75	0.68	2.53	3.68
MVSI10/650-S02 60Hz															
MVSI10/810-S08 50Hz	40	723	561	809	905	7.94	8.88	48.0	44.0	680	760	1.40	1.35	2.79	3.33
MVSI10/810-S08 60Hz															
MVSI10/1110-S08	50	1012	715	1132	1151	11.1	11.3	58.0	51.0	750	750	1.65	1.50	3.33	4.13
MVSI10/1400-S08	50	1274	921	1424	1483	14.0	14.5	66.0	59.5	950	1000	1.80	1.70	3.05	3.65
MVSI10/1610-S08 50Hz	60	1464	962	1638	1549	16.1	15.2	83.0	71.0	1100	1300	2.20	2.20	4.21	4.05
MVSI10/1610-S08 60Hz															
MVSI10/2100-S08 50Hz	60	1927	1318	2154	2102	21.1	20.6	93.0	82.0	1500	1770	3.00	2.75	3.42	4.00
MVSI10/2100-S08 60Hz															
MVSI10/2610-S02	70	2326	1720	2601	2747	25.5	26.9	130.0	116	1960	2100	4.10	3.75	5.35	5.60
MVSI10/3000-S02	70	2690	1940	3007	3124	29.5	30.6	145.0	130	2200	2400	4.50	4.30	4.35	4.81
MVSI10/3810-S02	80	3422	2380	3826	3831	37.5	37.6	188.0	170	2500	3000	5.10	5.00	5.91	6.00
MVSI10/4700-S02	80	4206	2887	4701	4648	46.1	46.0	204.0	183	3200	3600	6.50	6.00	5.24	5.50
MVSI10/5150-S02	80	4678	3230	5230	5200	51.3	51.0	225	200	3200	3600	6.50	6.00	5.24	5.50
MVSI10/5200-S02	90	4658	3288	5208	5293	51.1	51.9	238.0	205	3800	4000	7.00	6.50	4.71	5.08
MVSI10/5700-S02	90	5044	3490	5650	5620	55.4	55.1	230	210	3800	4000	7.00	6.50	4.71	5.08
MVSI10/6500-S02	90	5838	4055	6527	6529	64.0	64.0	258.0	248	4300	5000	8.20	8.10	4.51	5.83
MVSI10/6600-S02	97	6083	3979	6799	6405	66.7	62.8	285.0	257	5000	5900	10.0	9.80	5.61	5.82
MVSI10/7000-S02	90	6272	4348	7013	7000	68.8	68.7	275.0	253	4300	5000	8.20	8.10	4.51	5.83
MVSI10/8000-S90	95	7197	4967	8046	7996	78.9	78.4	315.0	277	7000	7500	12.6	11.30	4.59	5.58
MVSI10/9000-S90	95	7752	5385	8666	8669	85.0	85.0	326.0	289	7500	8200	14.0	12.90	4.13	4.88
MVSI10/10000-S02	97	8673	5664	9695	9117	95.1	89.4	381.0	340	7600	8000	13.5	12.40	4.72	4.92
MVSI10/11200-S02	97	9983	6896	11160	11100	109	109	405.0	370	7600	8000	13.5	12.40	4.72	4.92
MVSI10/12000-S90	100	10996	7543	12294	12141	119	119	500.0	445	9000	9500	16.3	15.00	5.21	5.73
MVSI10/13000-S02	97	11510	8158	12867	13130	126	129	460.0	382	9600	10000	17.0	16.00	4.98	5.00
MVSI10/15000-S02	105	12662	8700	14155	14004	139	137	643.0	605	10600	11270	19.0	18.00	5.88	5.78
MVSI10/17500-S02	105	15500	10439	17327	16804	170	165	705.0	656	13000	13700	24.5	23.00	5.71	5.96
MVSI10/19500-S02	105	17947	11430	20062	18400	197	181	711.0	661	14000	14800	25.5	24.00	5.40	-
MVSI10/22000-S90	110	20025	12533	22386	20208	220	198	926.0	896	19000	19000	33.0	25.50	4.67	5.88
MVSI10/25000-S90	110	22364	14785	25000	23800	245	233	960.0	928	19000	19000	33.0	25.50	4.67	-
MVSI10/30000-S02	120	27285	18760	30560	30200	300	296	1200	1050	24000	25800	40.0	38.00	4.89	5.39
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS

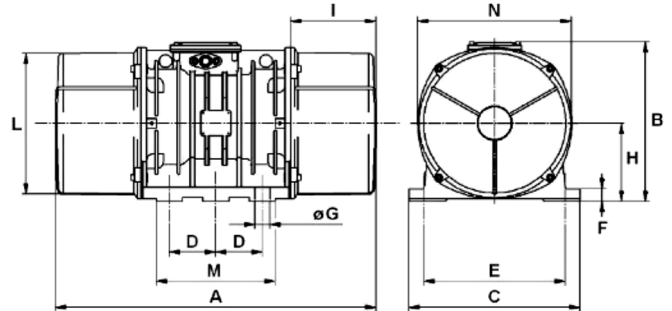
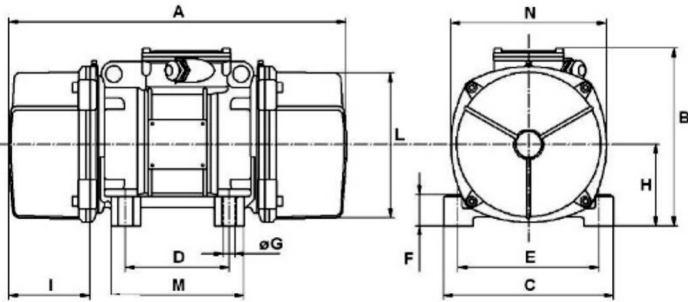
MODEL	Fig	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No.						
MVSI 10	400v 3Ph 50 Hz /460v 3ph Type MVSI 10 6 Poles 1000/1200RPM														
MVSI10/40-S02	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20
MVSI10/100-S02	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20
MVSI10/200-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI10/310-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI10/550-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI10/650-S02 50 Hz	A	480	225	205	120	170	54	17	4	104.5	140	187	162	203	M25
MVSI10/650-S02 60 Hz		435									117.5				
MVSI10/810-S08 50Hz	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI10/810-S08 60Hz		448									108				
MVSI10/1110-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI10/1400-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI10/1610-S08 50Hz	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI10/1610-S08 60Hz		537									137				
MVSI10/2100-S08 50Hz	A	663	272	275	155	225	70	22	4	130	200	238	210	253	M25
MVSI10/2100-S08 60Hz		617									177				
MVSI10/2610-S02	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI10/3000-S02	A	712	321	310	155	255	77	23.5	4	157	201	277	215	295	M25
MVSI10/3810-S02	A	734	347	340	180	280	80	26	4	165	202	303	240	320	M32
MVSI10/4700-S02	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32
MVSI10/5150-S02	A	826	347	340	180	280	80	26	4	165	248	303	240	320	M32
MVSI10/5200-S02	A	744	370	390	200	320	90	28	4	180	192	330	270	350	M32
MVSI10/5700-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/6500-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/6600-S02	C	750	437	460	125	380	35	39	6	215	174	387	320	414	M32
MVSI10/7000-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI10/8000-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI10/9000-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI10/10000-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI10/11200-S02	C	912	437	460	125	380	35	39	6	215	255	387	320	414	M32
MVSI10/12000-S90	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32
MVSI10/13000-S02	C	1002	437	460	125	380	35	39	6	215	300	387	320	414	M32
MVSI10/15000-S02	F	960	526	570	140	480	41	45	8	268	200	486	510	516	M32
MVSI10/17500-S02	F	1040	526	570	140	480	41	45	8	268	240	486	510	516	M32
MVSI10/19500-S02	F	1120	526	570	140	480	41	45	8	268	280	486	510	516	M32
MVSI10/22000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI10/25000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI10/30000-S02	Q	1205	648	700	140	600	45	45	8	320	310	600	510	660	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

PERFORMANCE

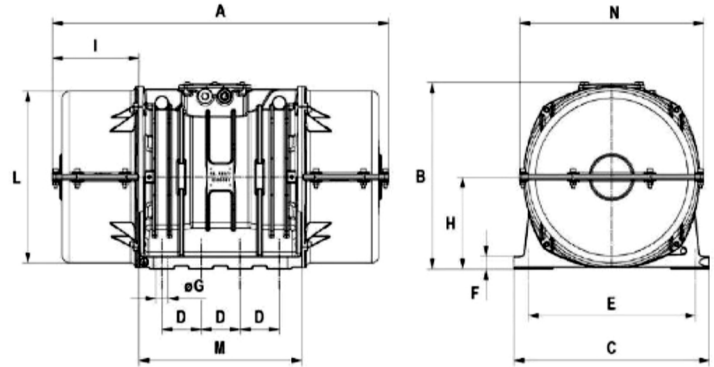
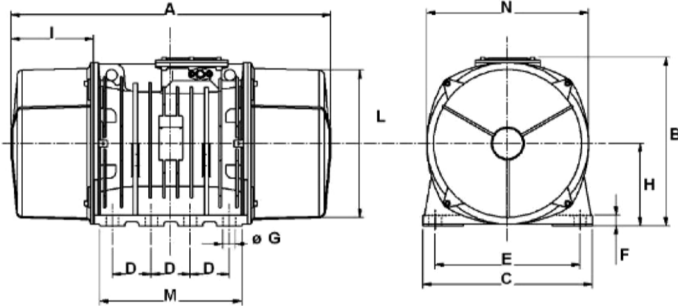


4 Hole Mounting Fig. A

6 Hole Mounting Fig. C

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Start up Current Amps	
		Kgmm		kg		kN		Kgs		Watts		Amps			
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
MVSI 075		230v 3Ph 50Hz/ 230v 3Ph 60Hz 8 Poles 750/900 RPM													
MVSI075/150-S02	20	163	163	104	149	1.02	1.46	19.0	19.0	230	250	1.5	1.31	3.20	2.77
MVSI075/250-S02	30	286	286	181	260	1.76	2.55	27.5	27.5	350	380	3.86	2.10	3.86	4.80
MVSI075/400-S02	35	457	457	288	415	2.83	4.07	36.5	36.5	280	300	1.04	1.36		4.00
MVSI075/530-S02	35	580	580	365	528	3.60	5.20	41.0	41.0	280	300	1.04	1.36	1.80	4.00
MVSI075/660-S08	40	723	723	456	656	4.47	6.44	48.0	48.0	400	450	2.1	2.40	5.00	5.70
MVSI075/910-S08	50	1012	1012	637	917	6.25	9.00	58.0	58.0	400	500	2.4	2.60	5.70	7.40
MVSI075/1310-S08	60	1464	1464	922	1327	9.04	13.00	83.0	83.0	950	1100	3.8	4.4	15.0	15.0
MVSI075/1750-S08	60	1927	1927	1214	1747	11.9	17.10	93.0	93.0	1100	1300	4.50	5.2	12.5	15.8
MVSI075/2110-S02	70	2326	2326	1463	2107	14.4	20.70	130	130.0	1500	1790	7.10	8.4	25.2	24.8
MVSI075/3110-S02	80	3422	3422	2152	3099	21.1	30.40	188	188.0	2000	2300	9.3	10.4	37.0	48.0
MVSI075/3800-S02	80	4206	4206	2645	3808	25.9	37.40	204	204	2500	3000	10.4	12.0	43.5	52.0
MVSI075/4200-S02	90	4658	4658	2930	4218	28.7	41.40	238	238	2800	3350	11.25	13.0	43.25	52.0
MVSI075/5300-S02	90	5838	5838	3672	5287	36.0	51.90	268	268	4000	4300	14.2	15.7	55.0	84.0
MVSI075/6500-S90	95	7197	7197	4526	6517	44.4	63.90	315	315	4900	5800	19.0	19.0	62.0	62.00
MVSI075/6800-S02	97	7340	7340	4616	6647	45.3	65.20	330	330	5600	6000	18.2	20.0	56.8	66.0
MVSI075/10000-S02	97	12390	10973	7792	9937	76.4	97.50	438	419	6800	7450	22.8	24.0	76.0	94.0
MVSI075/12000-S90	100	13816	12407	8689	11235	85.2	110	540	520	7600	8300	26.20	27.00	90.0	102.0
MVSI075/14000-S02	105	17946	15500	11285	14036	111	138	702	680	9200	9600	36.30	39.00	181.0	212.0
MVSI075/17000-S02	105	21337	19064	13418	17263	132	169	755	711	10400	11140	38.00	40.00	209.0	236.0
MVSI075/22000-S90	110	28633	24508	18005	22192	177	218	1015	981	12500	16200	45.80	56.00	258.0	264.0
MVSI075/26000-S90	110	-	28633	-	25927	-	254		1015		16200				
MVSI075/30000-S02	120	33440	33440	21070	30430	207	299	1125	1160	-	-	43.00		260.0	
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



8 Hole Mounting Figure F

8 Hole Mounting Figure Q

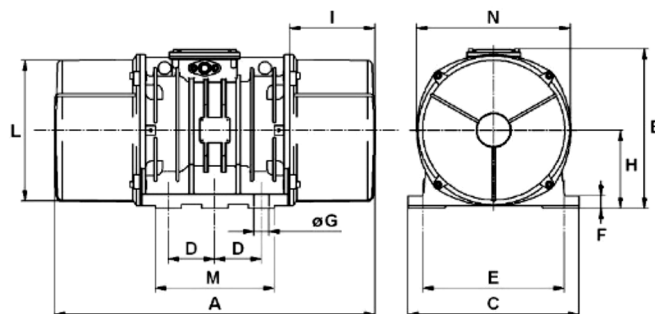
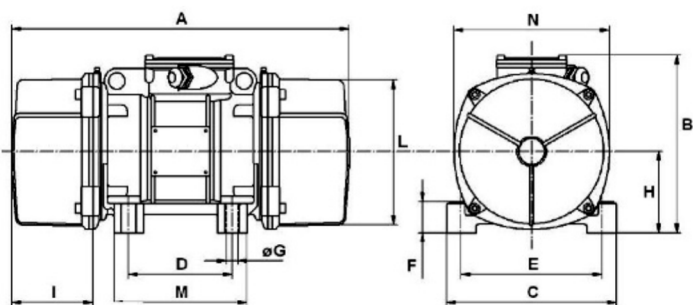
MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No.						
MVSI 075	230v 3Ph 50Hz/ 230v 3Ph 60Hz 8 Poles 750/900 RPM														
MVSI075/150-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI075/250-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI075/400-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI075/530-S02	A	480	225	205	120	170	54	17	4	104.5	140	187	162	203	M25
MVSI075/660-S08	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI075/910-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI075/1310-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI075/1750-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI075/2110-S02	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI075/3110-S02	A	734	347	340	180	280	80	26	4	165	202	303	240	320	M32
MVSI075/3800-S02	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32
MVSI075/4200-S02	A	744	370	390	200	320	90	28	4	180	192	330	270	350	M32
MVSI075/5300-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI075/6500-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI075/6800-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI075/10000-S02	C	1002	437	460	125	380	35	39	6	215	300	387	320	414	M32
MVSI075/12000-S90	C	1070	454	530	140	440	38	45	6	230	280	423	370	448	M32
MVSI075/14000-S02	F	1040	526	570	140	480	41	45	8	268	240	486	510	516	M32
MVSI075/17000-S02	F	1120	526	570	140	480	41	45	8	268	280	486	510	516	M32
MVSI075/22000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI075/26000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI075/30000-S02	Q	1205	648	700	140	600	45	45	8	320	310	600	510	660	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot

PERFORMANCE

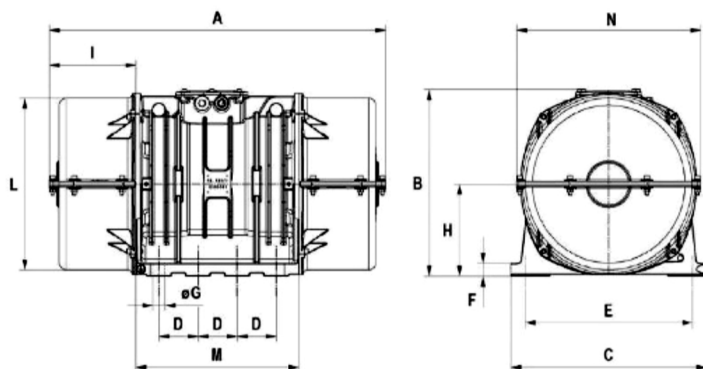
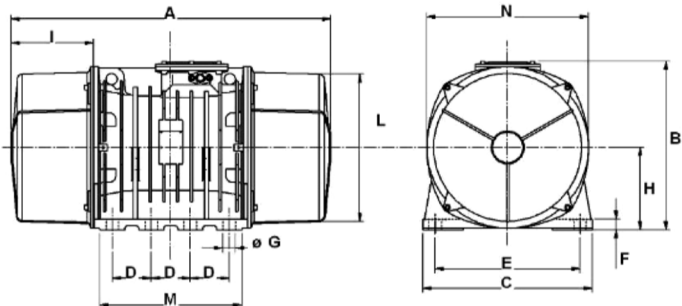


4 Hole Mounting Fig. A

6 Hole Mounting Fig. C

MODEL	Frame Size	Mechanical Specification								Electrical Specification					
		Static Moment		Centrifugal Force				Weight		Max Input Power		Max Current		Ia/In	
		Kgmm		kg		kN		Kgs		Watts		Amps		50Hz	60Hz
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
MVSI 075		400v 3Ph 50Hz/ 460v 3Ph 60Hz 8 Poles 750/900 RPM													
MVSI075/150-S02	20	163	163	104	149	1.02	1.46	19.0	19.0	230	250	0.85	0.76	2.13	2.11
MVSI075/250-S02	30	286	286	181	260	1.76	2.55	27.5	27.5	350	380	1.10	1.05	2.03	2.29
MVSI075/400-S02	35	457	457	288	415	2.83	4.07	36.5	36.5	280	300	0.60	0.68	1.73	2.94
MVSI075/530-S02	35	580	580	365	528	3.60	5.20	41.0	41.0	280	300	0.60	0.68	1.73	2.94
MVSI075/660-S08	40	723	723	456	656	4.47	6.44	48.0	48.0	400	450	1.20	1.20	2.38	2.58
MVSI075/910-S08	50	1012	1012	637	917	6.25	9.00	58.0	58.0	400	500	1.40	1.30	2.38	2.85
MVSI075/1310-S08	60	1464	1464	922	1327	9.04	13.00	83.0	83.0	950	1100	2.20	2.20	2.63	3.41
MVSI075/1750-S08	60	1927	1927	1214	1747	11.9	17.10	93.0	93.0	1100	1300	2.60	2.60	2.78	3.04
MVSI075/2110-S02	70	2326	2326	1463	2107	14.4	20.70	130.0	130.0	1500	1790	4.10	4.20	3.55	2.95
MVSI075/3110-S02	80	3422	3422	2152	3099	21.1	30.40	188.0	188.0	2000	2300	5.40	5.20	3.98	4.62
MVSI075/3800-S02	80	4206	4206	2645	3808	25.9	37.40	204.0	204.0	2500	3000	6.00	6.00	4.00	4.20
MVSI075/4200-S02	90	4658	4658	2930	4218	28.7	41.40	238.0	238.0	2800	3350	6.50	6.50	3.84	4.00
MVSI075/5300-S02	90	5838	5838	3672	5287	36.0	51.90	268.0	268.0	4000	4300	8.20	7.85	3.87	5.35
MVSI075/6500-S90	95	7197	7197	4526	6517	44.4	63.90	315.0	315.0	4900	5800	9.90	9.50	3.04	3.26
MVSI075/6800-S02	97	7340	7340	4616	6647	45.3	65.20	330.0	330.0	5600	6000	10.5	10.0	3.12	3.30
MVSI075/10000-S02	97	12390	10973	7792	9937	76.4	97.50	438.0	419.0	6800	7450	13.2	12.0	3.33	3.92
MVSI075/12000-S90	100	13816	12407	8689	11235	85.2	110.00	540.0	520.0	7600	8300	14.0	13.5	3.72	3.78
MVSI075/14000-S02	105	17946	15500	11285	14036	111.0	138.00	702.0	680.0	9200	9600	21.0	19.5	4.99	5.44
MVSI075/17000-S02	105	21337	19064	13418	17263	132.0	169.00	755.0	711.0	10400	11140	22.0	20.0	5.50	5.90
MVSI075/22000-S90	110	28633	24508	18005	22192	177.0	218.00	1015.0	981.0	12500	16200	26.5	28.0	5.63	4.71
MVSI075/26000-S90	110	-	28633	-	25927	-	254.00	-	1015.0	-	16200	-	28.0	-	4.71
MVSI075/30000-S02	120	33440	33440	21070	30430	207.0	299.00	1125.0	1160.0	-	-	-	-	-	-
Build S02	Features: on small Vibrators press fit flange, on large Vibrators bolted , some encapsulated														
Build S08	Features: Ball Bearings, Aluminium Housing, Screw Fit Flange														
Build S90	Features: Different design end cap bolted through bearing housing into body														

DIMENSIONS



8 Hole Mounting Figure F

8 Hole Mounting Figure Q

MODEL	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5
								Dia.	No.						
MVSI 075	400v 3Ph 50Hz/ 460v 3Ph 60Hz 8 Poles 750/900 RPM														
MVSI075/150-S02	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25
MVSI075/250-S02	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25
MVSI075/400-S02	A	435	225	205	120	170	54	17	4	104.5	117.5	187	162	203	M25
MVSI075/530-S02	A	480	225	205	120	170	54	17	4	104.5	140	187	162	203	M25
MVSI075/660-S08	A	500	246	230	140	190	54	17	4	116	134	207	190	225	M25
MVSI075/910-S08	A	574	246	230	140	190	54	17	4	116	171	207	190	225	M25
MVSI075/1310-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI075/1750-S08	A	617	272	275	155	225	70	22	4	130	177	238	210	253	M25
MVSI075/2110-S02	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25
MVSI075/3110-S02	A	734	347	340	180	280	80	26	4	165	202	303	240	320	M32
MVSI075/3800-S02	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32
MVSI075/4200-S02	A	744	370	390	200	320	90	28	4	180	192	330	270	350	M32
MVSI075/5300-S02	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32
MVSI075/6500-S90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32
MVSI075/6800-S02	C	862	437	460	125	380	35	39	6	215	230	387	320	414	M32
MVSI075/10000-S02	C	1002	437	460	125	380	35	39	6	215	300	387	320	414	M32
MVSI075/12000-S90	C	1070	454	530	140	440	38	45	6	230	280	423	370	448	M32
MVSI075/14000-S02	F	1040	526	570	140	480	41	45	8	268	240	486	510	516	M32
MVSI075/17000-S02	F	1120	526	570	140	480	41	45	8	268	280	486	510	516	M32
MVSI075/22000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI075/26000-S90	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32
MVSI075/30000-S02	Q	1205	648	700	140	600	45	45	8	320	310	600	510	660	M32

Ia/In Ratio between start up current and maximum current

* Working Moment=2 x Static Moment

**Slot



MVSI

The most extensive range of industrial electric vibrators on the market. Approved for potentially explosive dust atmospheres (ATEX, IECEx, GOST). Range from 0 to 67200 lbs.



MVSI-TS

MVSI industrial electric vibrators with split covers.



MVSI-ACC

MVSI industrial electric vibrators for axial coupling.



MVSI-E

"Ex e" increased safety electric vibrators for potentially explosive atmosphere (ATEX, IECEx, GOST). Range up to 24550 lbs.



MVLS

Low Speed electric industrial vibrators. Range up to 18000 lbs centrifugal force. RPM from 1200 to 500.



CDX

"Ex d" explosion-proof industrial electric vibrators for operation in potentially explosive atmospheres (UL, CSA, ATEX, IECEx, GOST). Range up to 49250 lbs.



MVTX

"Ex d" explosion-proof screen electric vibrators for operation in potentially explosive atmospheres. Bear UL, cUL, ATEX and IECEx marking. Range up to 17450 lbs.



MVCC

Direct current vibrators (12 or 24 V) designed for continuous duty on mobile machines. Range from 0 to 3350 lbs.



MVSS

Electric industrial vibrators in stainless steel AISI 316L for the chemical, petroleum chemistry, food, pharmaceutical processing sectors. Range from 0 to 9520 lbs.



MICRO

Electric vibrators designed for continuous service in processes where a lower centrifugal force is required. Range from 0 to 143 lbs.



M3

Electric industrial vibrators with multi-holes mounting feet and minimum dimensions. Range up to 684 lbs.



ITV-VR

Variable high frequency electric vibrators with fixed or cradle connection for industrial building sector. Range from 0 to 19800 lbs.



ITVAF

High frequency electric vibrators with fixed or cradle connection for industrial building sector. Range from 0 to 19800 lbs.



VU

Unidirectional linear motion exciters designed for medium and large size vibrating machines. Range up to 6400 in-lbs (102000 lbs).



MTF

Vertical electric vibrators with side flange. Range from 0 to 5750 lbs.



MTF-E

"Ex e" increased safety vertical electric vibrators with side flange for potentially explosive atmosphere (ATEX, IECEx, GOST).



VB

Vertical electric vibrators with double tapered flange. Range from 0 to 11000 lbs.



VB-E

Vertical electric vibrators with side flange. Range from 0 to 5750 lbs.



MVB

Vertical electric vibrators with side flange and shaft projecting on both sides. Range from 0 to 15400 lbs.



MVB-FLC

Vertical electric vibrators with central flange and shaft projecting on both sides. Range from 0 to 15400 lbs.



MVB-E

"Ex e" increased safety vertical electric vibrators with side flange and shaft projecting on both sides, for potentially explosive atmosphere (ATEX, IECEx, GOST).



MVB-E-FLC

"Ex e" increased safety vertical electric vibrators with central flange and shaft projecting on both sides, for potentially explosive atmosphere (ATEX, IECEx, GOST).

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Vibration Solutions