



Technical features

Power supply

Three-phase voltage from 220V to 690V, 50Hz or 60Hz; variable frequency (in presence of PTC thermistor) from 20Hz to the base frequency with constant torque load profile tipo PWM.

Polarity

2, 4, 6 and 8 poles.

Conformity with Standards and Regulations

ATEX Directive 2014/34/UE;
EN/IEC 60079-0, EN/IEC 60079-7,
EN/IEC 60079-31, EN/IEC 60034-1.

Controls

The components that affect protection are 100% accurately controlled and recorded.

Functioning

Continual service (S1) at maximum declared centrifugal force and electric power.

Centrifugal force

Range extended up to 11160 kgf. (109 kN), adjustable in a continuous linear mode with variation of the position of the eccentric weights.

Mechanical protection

IP 66 according to IEC/EN 60529.

Protection against mechanical impacts

IK 08 according to IEC/EN 62262.

Insulation class

Class F (155°C).

Tropicalization

Standard on all vibrators, with vacuum encapsulation up to size AF 33 and 35, with "drop by drop" trickle system for larger sizes.

Ambient temperature

From -20°C to +40°C, on request it is possible to have vibrators for max. ambient temperatures of +55°C.

Vibrator thermal protection

Standard PTC rated thermistor heat detectors 130°C from size 70, on request for smaller sizes. On request, thermistors with different temperatures and anti-condensation heaters.

Fixing of the vibrator

In all positions and therefore without restriction.

Lubrication

All vibrators are lubricated in the factory and do not require further lubrication at start-up.

Terminal box

Large terminal box to facilitate electrical connection.

Special shaped terminals allow for the power supply cable to be secured, whilst protecting it from loosening.

Electric motor

Three-phase asynchronous type. Designed for maximum starting torques and torque curves specific to requirements of vibrating machines. Insulated windings using vacuum encapsulating up to sizes AF33 and 35 included; using the "drop by drop" trickle system with class H resin for larger sizes. The rotor is die cast aluminium.

Casing

In high-tensile aluminium alloy up to size 60, in spheroidal cast iron for larger sizes.

Bearing flange

Constructed in cast iron (spheroidal or grey) or in aluminium with steel bearing seat. The geometry of the flange transmits the load to the casing uniformly.

Bearings

Custom made with particular geometry, especially designed for Italvibras, suitable to support both high radial and axial loads.

The MTF-E series has been designed for use in industrial processes where explosive gas and dust particles are present. In compliance with ATEX Directive (2014/34/EU) and in compliance with IECEx Scheme.

In particular, the MTF-E series can be used in areas 1 and 2 (gas) and areas 21 and 22 (dusts) according to the layout and following features:

Category: II2D & II2G

Level of protection:

Ex tb IIIC T...°C Db
Ex e IIC T3/T4 Gb

Temperature class:

see tables

EU certificate:

LCIE 05 ATEX 6163 X

Zones of use:

1, 2, 21, 22

Eccentric weights

Allow greater adjustment of the centrifugal force, with phase shift of the lower weight assembly with respect to the upper group. This adjustment is eased by a graduated scale, which expresses the centrifugal force as a percentage of the maximum centrifugal force.

Weight covers

In aluminium alloy.

Painting

Electrostatic surface treatment based on polymerised epoxy polyester powder in oven at 200°C. Tested in salt spray for 500 hours.

For further details please contact sales offices at Italtvibras.

The technical data and models listed in this catalogue are not binding. Italtvibras reserves the right to modify them without prior notice.

Certifications



Compliance with the applicable European Union directives.



II2G II2D (2014/34/UE)
Ex e IIC T3/T4 Gb
Ex tb IIIC T...°C Db
EN 60079-0
EN 60079-7
EN 60079-31



Ex e IIC T3/T4 Gb
Ex tb IIIC T...°C Db
IEC 60079-0
IEC 60079-7
IEC 60079-31



Certification for Eurasian Customs Union
N° TC RU C-IT.ГБ08.B.02190



KOSHA Korea
Certificate n° 11-AVG BO-0346/7/8/9/50/51
Ex e IIT3/T4
Ex td A21 IP66

2 poles - 3.000/3.600 rpm

Three-phase

DESCRIPTION			MECHANICAL SPECIFICATIONS										ELECTRICAL SPECIFICATIONS									
			Static moment*		Centrifugal force				Weight		Temp. class (G)	Temp. class (D)	Max input power		Power rating		Max. current		tE (s)	Ia/In		
Code	Type	SIZE	kgmm		kg		kN		kg				50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			50Hz	60Hz
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
6E0311	MVSI 3/100E-S02 Δ	00	12,1	12,1	122	176	1,20	1,72	5,2	5,2	T3	120°C	180	180	120	120	-	-	30	2,68		
											T4		105	105	80	80	-	-	20	3,48		
6E0312	MVSI 3/200E-S02 Δ	01	20,2	16,2	203	234	1,99	2,29	5,8	5,5	T3	120°C	180	180	120	120	-	-	30	2,68		
6E0313	MVSI 3/300E-S02	10	30,0	22,5	302	326	2,96	3,20	9,0	8,6	T3	120°C	260	270	210	210	0,57	0,50	18	3,50		
											T4		230	230	172	172	0,48	0,41	12	4,20		
6E0314	MVSI 3/500E-S02	20	58,0	34,8	584	504	5,72	4,94	14,3	13,3	T3	120°C	500	500	300	300	0,76	6,67	12	4,20		
											T4		350	360	210	210	0,57	0,50	8	5,60		
6E0381	MVSI 3/800E-S02	30	74,5	55,9	750	810	7,35	7,94	19,6	19,0	T3	120°C	550	570	405	405	0,95	0,83	12	4,20		
											T4		390	400	290	290	0,72	0,64	8	5,52		
6E0513	MVSI 3/1100E-S02	35	110	73,0	1105	1057	10,8	10,4	24,0	23,0	T3	120°C	550	600	350	350	0,86	0,75	15	3,88		
											T4		460	500	290	290	0,76	0,67	11	4,37		
6E0491	MVSI 3/1300E-S08	AF33	128	91,6	1290	1327	12,7	13,0	27,0	25,7	T4	200°C	700	750	500	500	1,24	1,07	6	6,40		
6E0504	MVSI 3/1500E-S08	AF33	146	110	1470	1595	14,4	15,6	25,3	24,0	T4	200°C	700	750	500	500	1,24	1,07	6	6,40		
6E0502	MVSI 3/1600E-S02	50	153	102	1545	1483	15,2	14,5	32,0	30,5	T3	200°C	1010	1070	720	720	1,62	1,40	6	9,29		
											T4		830	910	660	660	1,43	1,25	6	7,30		
6E0503	MVSI 3/1800E-S02	50	179	128	1802	1853	17,7	18,2	33,0	31,5	T3	200°C	1010	1070	720	720	1,62	1,40	6	9,29		
6E0256	MVSI 3/2010E-S90	AF50	205	128	2059	1853	20,2	18,2	48,7	46,3	T3	200°C	1110	1150	960	960	1,90	1,66	7	5,90		
6E0257	MVSI 3/2310E-S90	AF50	230	153	2316	2224	22,7	21,8	49,6	47,1	T3	200°C	1110	1150	960	960	1,90	1,66	7	5,90		
6E0472	MVSI 3/5000E-S02	AF70	515	344	5187	4979	50,9	48,8	109	105	T3	135°C	3000	3000	2600	2600	4,75	4,20	5	8,00		

* Working moment = 2 x static moment.

Δ Available only in versions 127/220V 50Hz three-phase, 200/346V 50Hz three-phase and 210/363V 60Hz three-phase.

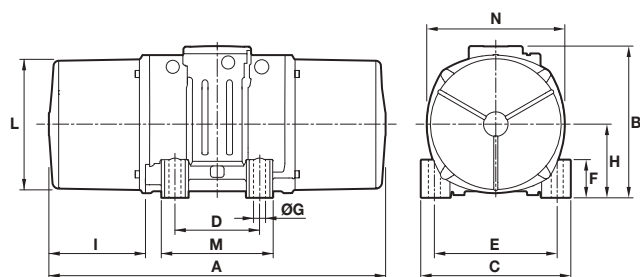


Fig. A

DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	Holes								F	H	I	L	M	N	Cable entry thread
		A	B	C	D	E	ØG	N°								
MVSI 3/100E-S02 Δ	A	211	150	125	62-74**	106	9	4	22	61	46	103	98	117	M20x1,5	
MVSI 3/200E-S02 Δ	A	235	150	125	62-74**	106	9	4	22	61	58	103	98	117	M20x1,5	
MVSI 3/300E-S02	A	255	171	152	90	125	13	4	28	73	54	127	128	141	M20x1,5	
MVSI 3/500E-S02	A	288	203	167	105	140	13	4	30	82,5	65	145	146	160	M25x1,5	
MVSI 3/800E-S02	A	308	211	205	120	170	17	4	45	93,5	63	170	174	182	M25x1,5	
MVSI 3/1100E-S02	A	435	224	205	120	170	17	4	42	104,5	117,5	187	162	203	M25x1,5	
MVSI 3/1300E-S08	A	375	217	215	100	180	17	4	47	93,5	106	170	145	182	M25x1,5	
MVSI 3/1500E-S08	A	375	217	215	100	180	17	4	47	93,5	106	170	145	182	M25x1,5	
MVSI 3/1600E-S02	A	430	244	230	140	190	17	4	45	116	99	207	190	225	M25x1,5	
MVSI 3/1800E-S02	A	430	244	230	140	190	17	4	45	116	99	207	190	225	M25x1,5	
MVSI 3/2010E-S90	A	465	230	230	140	190	17	4	49	104	105	186	180	200	M25x1,5	
MVSI 3/2310E-S90	A	465	230	230	140	190	17	4	49	104	105	186	180	200	M25x1,5	
MVSI 3/5000E-S02	A	560	290	310	155	255	25	4	90	130	137	238	210	253	M25x1,5	

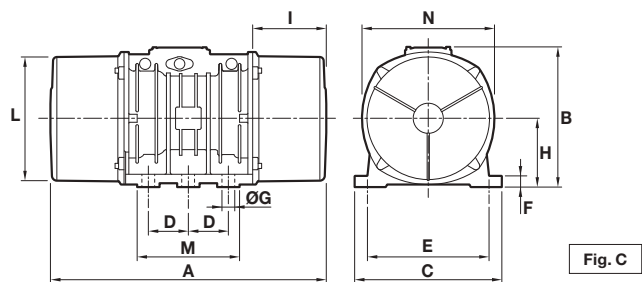
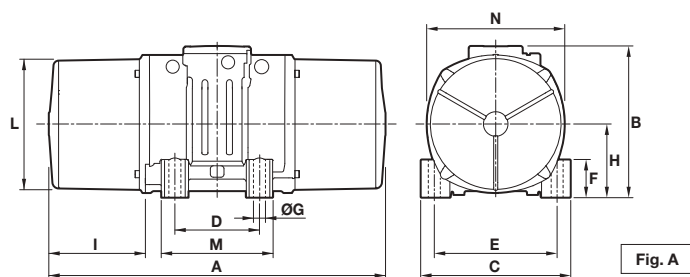
tE (s) = set time tE from IEC/EN 60079-7. Ia/I_n = ratio between start-up current and maximum current. ** Slot.
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italtibras.

4 poles - 1.500/1.800 rpm

Three-phase

DESCRIPTION			MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS									
Code	Type	SIZE	Static moment*		Centrifugal force				Weight		Temp. class (G)	Temp. class (D)	Max input power		Power rating		Max. current			
			kgmm	kgmm	kg	kg	kN	kN	kg	kg			W	W	W	W	A	A	tE (s)	Ia/In
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
6E1367	MVSI 15/200E-S02	10	84,2	58,8	213	214	2,09	2,10	11,7	10,7	T3	120°C	203	-	90	-	0,45	-	35	2,04
											T4	120°C	170	175	94	95	0,39	0,40	28	2,34
6E1372	MVSI 15/400E-S02	20	163	113	412	411	4,04	4,03	18,5	16,5	T3	120°C	300	320	200	230	0,57	0,52	18	3,33
											T4	120°C	285	270	180	200	0,52	0,46	16	3,63
6E1373	MVSI 15/550E-S02	20	219	163	552	592	5,42	5,81	20,7	18,5	T3	120°C	300	320	200	230	0,57	0,52	18	3,33
											T4	120°C	285	270	180	200	0,52	0,46	16	3,63
6E1408	MVSI 15/700E-S02	30	286	209	720	760	7,06	7,46	26,2	24,5	T3	120°C	460	500	310	380	0,86	0,85	17	3,5
											T4	120°C	360	420	240	310	0,72	0,70	12	4,2
6E1524	MVSI 15/1100E-S02	35	415	271	1045	982	10,3	9,63	32,5	30,5	T4	120°C	370	450	285	340	0,81	0,83	13	4
6E1217	MVSI 15/1410E-S02	40	561	400	1413	1449	13,9	14,2	41,2	37,5	T3	120°C	900	950	660	730	1,38	1,32	13	4
											T4	120°C	630	700	460	505	1,05	1,00	8	5,36
6E1219	MVSI 15/1710E-S02	50	715	485	1798	1757	17,6	17,2	47,8	42,5	T3	120°C	1100	1150	730	800	1,90	1,82	9	4,95
											T4	120°C	630	700	480	530	1,33	1,27	5,5	7
6E1267	MVSI 15/2000E-S02	50	817	561	2054	2033	20,1	19,9	50,5	44,5	T3	150°C	1100	1150	730	800	1,90	1,82	9	4,95
											T4	150°C	630	700	480	530	1,33	1,27	5,5	7
6E1220	MVSI 15/2410E-S08	60	962	674	2420	2444	23,7	24,0	70,0	63,5	T3	150°C	1600	1700	1340	1470	3,04	3,20	7	6
											T4	150°C	1150	1250	880	970	2,47	2,30	5,5	7,5
6E1268	MVSI 15/3000E-S08	60	1235	858	3106	3107	30,5	30,5	80,0	71,0	T3	150°C	1280	1150	1000	1200	3,14	3,10	5,5	7,42
											T4	150°C	1150	1400	900	1080	2,85	2,85	5,5	8,16
6E1221	MVSI 15/3810E-S02	70	1526	1034	3840	3744	37,7	36,7	119	110	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
											T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
6E1269	MVSI 15/4300E-S02	70	1720	1173	4326	4250	42,4	41,7	123	117	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
											T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
6E1211	MVSI 15/5010E-S02	80	1990	1364	5007	4911	49,1	48,5	161	153	T3	135°C	3200	3700	2560	2800	5,70	5,45	6	7
6E1447	MVSI 15/6000E-S02	80	2248	1677	5654	6075	55,5	59,6	164	155	T3	135°C	3200	3700	2560	2800	5,70	4,45	6	7
6E1204	MVSI 15/9500E-S02	97	3346	2462	8416	8916	82,6	87,5	306	292	T3	135°C	7300	7900	5925	6500	11,60	11,0	5,5	7

* Working moment = 2 x static moment.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	A	B	C	D	E	Holes		F	H	I	L	M	N	Cable entry thread
							ØG	N°							
MVSI 15/200E-S02	A	301	171	152	90	125	13	4	28	73	77	127	128	141	M20x1,5
MVSI 15/400E-S02	A	344	203	167	105	140	13	4	30	82,5	93	145	146	160	M25x1,5
MVSI 15/550E-S02	A	386	203	167	105	140	13	4	30	82,5	114	145	146	160	M25x1,5
MVSI 15/700E-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	M25x1,5
MVSI 15/1100E-S02	A	435	224	205	120	170	17	4	42	104,5	117,5	187	162	203	M25x1,5
MVSI 15/1410E-S02	A	448	244	230	140	190	17	4	45	116	108	207	190	225	M25x1,5
MVSI 15/1710E-S02	A	500	244	230	140	190	17	4	45	116	134	207	190	225	M25x1,5
MVSI 15/2000E-S02	A	574(50Hz) 500(60Hz)	244	230	140	190	17	4	45	116	171(50Hz) 134(60Hz)	207	190	225	M25x1,5
MVSI 15/2410E-S08	A	537	272	275	155	225	22	4	70	130	137	238	210	253	M25x1,5
MVSI 15/3000E-S08	A	617	272	275	155	225	22	4	70	130	177	238	210	253	M25x1,5
MVSI 15/3810E-S02	A	584	321	310	155	255	23,5	4	77	157	137	277	215	295	M25x1,5
MVSI 15/4300E-S02	A	666(50Hz) 584(60Hz)	321	310	155	255	23,5	4	77	157	178(50Hz) 137(60Hz)	277	215	295	M25x1,5
MVSI 15/5010E-S02	A	630	347	340	180	280	26	4	80	165	150	303	240	320	M32x1,5
MVSI 15/6000E-S02	A	630	347	340	180	280	26	4	80	165	150	303	240	320	M32x1,5
MVSI 15/9500E-S02	C	862	437	460	125	380	39	6	35	215	230	387	320	414	M32x1,5

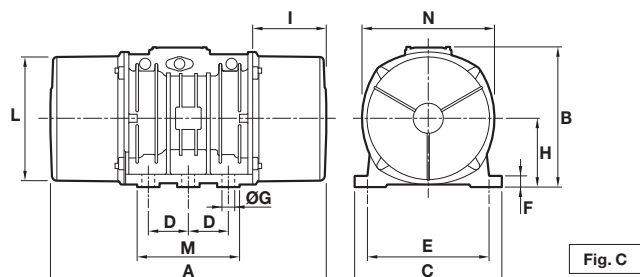
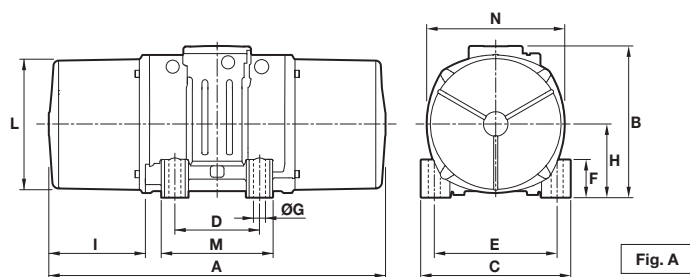
tE (s) = set time tE from IEC/EN 60079-7. Ia/In = ratio between start-up current and maximum current.
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

6 poles - 1.000/1.200 rpm

Three-phase

DESCRIPTION			MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS									
Code	Type	SIZE	Static moment*		Centrifugal force				Weight		Temp. class (G)	Temp. class (D)	Max input power		Power rating		Max. current			
			kgmm	kgmm	kg	kg	kN	kN	kg	kg			W	W	W	W	A	A	tE (s)	Ia/In
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
6E2298	MVSI 10/200E-S02	20	163	163	183	264	1,80	2,59	18,1	18,1	T4	120°C	185	200	100	110	0,48	0,45	25	2,72
6E2314	MVSI 10/310E-S02	30	286	209	321	338	3,15	3,32	25,7	24,0	T4	120°C	320	350	201	221	0,67	0,65	25	2,81
6E2402	MVSI 10/550E-S02	35	457	457	512	737	5,02	7,23	32,6	32,6	T4	120°C	350	380	240	264	0,71	0,68	26	2,4
6E2380	MVSI 10/810E-S08	40	723	561	809	905	7,94	8,88	44,0	40,0	T3	135°C	680	730	448	490	1,33	1,27	25	2,78
											T4		500	540	290	320	1,05	1,00	17	3,54
6E2381	MVSI 10/1110E-S08	50	1012	715	1132	1151	11,1	11,3	55,8	48,8	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
											T4		480	500	300	300	1,24	1,00	13	4,23
6E2382	MVSI 10/1400E-S08	50	1274	921	1424	1483	14,0	14,5	63,0	55,5	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
											T4		480	500	300	300	1,24	1,00	13	4,23
6E2406	MVSI 10/1610E-S08	60	1464	962	1638	1549	16,1	15,2	80,0	70,0	T3	135°C	1100	1200	825	900	2,09	2,00	15	3,63
											T4		850	950	615	675	1,81	1,70	10	4,73
6E2407	MVSI 10/2100E-S08	60	1927	1318	2154	2102	21,1	20,6	92,0	82,0	T3	135°C	1500	1700	940	1020	2,85	2,75	9	4,50
											T4		1050	1200	750	820	2,19	2,10	8	4,89
6E2167	MVSI 10/2610E-S02	70	2326	1720	2601	2747	25,5	26,9	130	116	T3	135°C	1960	2100	1580	1700	3,9	3,7	8	5,31
6E2230	MVSI 10/3000E-S02	70	2690	1940	3007	3124	29,5	30,6	145	130	T3	135°C	2200	2400	1630	1770	4,28	4,30	8	4,82
											T4		1770	1900	1350	1470	3,71	3,60	5	5,56
6E2154	MVSI 10/3810E-S02	80	3422	2380	3826	3831	37,5	37,6	188	170	T3	135°C	2200	2700	1575	1730	4,85	4,60	7	5,88
											T4		2000	2200	1500	1650	4,28	4,00	6	6,66
6E2204	MVSI 10/4700E-S02	80	4206	2887	4701	4648	46,1	46,0	204	183	T3	135°C	3100	3500	2500	2770	6,18	6,00	10	5,23
											T4		2550	3000	2100	2290	5,42	5,20	6	5,96
6E2350	MVSI 10/5150E-S02	80	4678	3230	5230	5200	51,3	51,0	225	200	T3	135°C	3100	3500	2500	2770	6,18	6,00	10	5,23
											T4		2550	3000	2100	2290	5,42	5,20	6	5,96
6E2138	MVSI 10/5200E-S02	90	4658	3288	5208	5293	51,1	51,9	238	215	T3	135°C	3500	3650	2590	2700	6,65	6,1	10	4,64
6E2351	MVSI 10/5700E-S02	90	5044	3478	5650	5600	55,4	54,9	240	220	T3	135°C	3500	3650	2590	2700	6,65	6,1	10	4,64
6E2136	MVSI 10/6600E-S02	97	6083	3979	6799	6405	66,7	62,8	308	280	T3	135°C	4200	4800	3360	3550	7,6	7	5,3	6,67
6E2137	MVSI 10/10000E-S02	97	8673	5664	9695	9117	95,1	89,4	372	332	T3	135°C	5400	5900	4500	4800	9,98	9,1	7	6
6E2349	MVSI 10/11200E-S02	97	9983	6896	11160	11100	109	109	398	358	T3	135°C	5400	5900	4500	4800	9,98	9,1	7	6

* Working moment = 2 x static moment.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	A	B	C	Holes				F	H	I	L	M	N	Cable entry thread
					D	E	ØG	N°							
MVSI 10/200E-S02	A	344	203	167	105	140	13	4	30	82,5	93,0	145	140	160	M25x1,5
MVSI 10/310E-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	M25x1,5
MVSI 10/550E-S02	A	435	224	205	120	170	17	4	42	104,5	117,5	187	162	203	M25x1,5
MVSI 10/810E-S08	A	500(50Hz) 448(60Hz)	244	230	140	190	17	4	45	116	134(50Hz) 108(60Hz)	207	190	225	M25x1,5
MVSI 10/1110E-S08	A	574	244	230	140	190	17	4	45	116	171	207	190	225	M25x1,5
MVSI 10/1400E-S08	A	620(50Hz) 574(60Hz)	244	230	140	190	17	4	45	116	194(50Hz) 171(60Hz)	207	190	225	M25x1,5
MVSI 10/1610E-S08	A	617(50Hz) 537(60Hz)	272	275	155	225	22	4	70	130	177(50Hz) 137(60Hz)	238	210	253	M25x1,5
MVSI 10/2100E-S08	A	663(50Hz) 617(60Hz)	272	275	155	225	22	4	70	130	200(50Hz) 177(60Hz)	238	210	253	M25x1,5
MVSI 10/2610E-S02	A	666	321	310	155	255	23,5	4	77	157	178	277	215	295	M25x1,5
MVSI 10/3000E-S02	A	712	321	310	155	255	23,5	4	77	157	201	277	215	295	M25x1,5
MVSI 10/3810E-S02	A	734	347	340	180	280	26	4	80	165	200	303	240	320	M32x1,5
MVSI 10/4700E-S02	A	796	347	340	180	280	26	4	80	165	233	303	240	320	M32x1,5
MVSI 10/5150E-S02	A	826	347	340	180	280	26	4	80	165	248	303	240	320	M32x1,5
MVSI 10/5200E-S02	A	744	370	390	200	320	28	4	90	180	192	330	270	350	M32x1,5
MVSI 10/5700E-S02	A	840	370	390	200	320	28	4	90	180	240	330	270	350	M32x1,5
MVSI 10/6600E-S02	C	750	437	460	125	380	39	6	35	215	174	387	320	414	M32x1,5
MVSI 10/10000E-S02	C	862	437	460	125	380	39	6	35	215	230	387	320	414	M32x1,5
MVSI 10/11200E-S02	C	912	437	460	125	380	39	6	35	215	255	387	320	414	M32x1,5

tE (s) = set time tE from IEC/EN 60079-7. Ia/In = ratio between start-up current and maximum current.
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italtibras.

MVSI-E

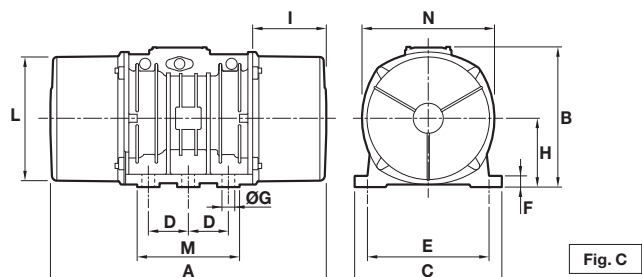
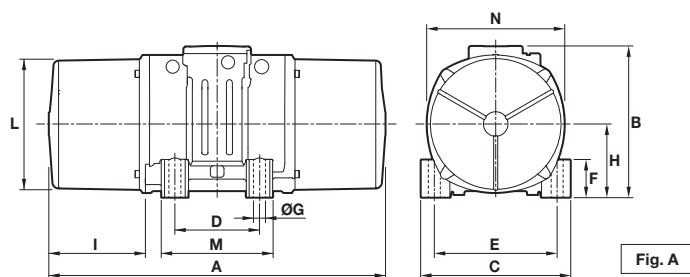


8 poles - 750/900 rpm

Three-phase

DESCRIPTION			MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS									
Code	Type	SIZE	Static moment*		Centrifugal force				Weight		Temp. class (G)	Temp. class (D)	Max input power		Power rating		Max. current			
			kgmm	kgmm	kg	kg	kN	kN	kg	kg			W	W	W	W	A	A	tE (s)	Ia/In
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
6E2568	MVSI 075/150E-S02	20	163	163	104	149	1,02	1,46	18,1	18,1	T3	130°C	230	250	100	110	0,67	0,64	25	2,00
6E2575	MVSI 075/250E-S02	30	286	286	181	260	1,76	2,55	26,2	26,2	T3	130°C	350	350	190	205	0,86	0,80	25	2,47
6E2615	MVSI 075/400E-S02	35	457	457	288	415	2,83	4,07	32,6	32,6	T4	120°C	280	300	135	150	0,57	0,56	30	1,66
6E2609	MVSI 075/660E-S08	40	723	723	456	656	4,47	6,44	44,0	44,0	T3	120°C	500	525	275	302	1,14	1,10	30	2,15
6E2610	MVSI 075/910E-S08	50	1012	1012	637	917	6,25	9,00	55,8	55,8	T3 T4	120°C	600 450	670 500	336 225	380 255	1,33 1,14	1,30 1,10	30 25	2,14 2,50
6E2618	MVSI 075/1310E-S08	60	1464	1464	922	1327	9,04	13,00	80,0	80,0	T3	150°C	950	1100	646	740	2,09	2,10	30	2,63
6E2891	MVSI 075/2110E-S02	70	2326	2326	1463	2107	14,40	20,70	130	130	T3	135°C	1500	1650	1065	1225	3,61	3,60	15	4,18
6E2884	MVSI 075/3110E-S02	80	3421	3421	2152	3099	21,10	30,40	188	188	T3	135°C	2000	2200	1460	1600	5,13	5,00	13	3,96
6E2515	MVSI 075/3800E-S02	80	4206	4206	2645	3808	25,90	37,40	204	204	T3	135°C	2500	3000	1800	2100	5,70	6,00	14	4,00
6E2862	MVSI 075/4200E-S02	90	4658	4658	2930	4218	28,70	41,40	238	238	T3	135°C	2630	2990	1900	2180	6,18	6,20	14	3,84
6E2826	MVSI 075/5300E-S02	90	5838	5838	3672	5287	36,00	51,90	268	268	T3	135°C	3520	3800	2570	2775	7,79	7,40	14	3,80
6E2870	MVSI 075/10000E-S02	97	12390	10973	7792	9937	76,40	97,50	438	419	T3	135°C	5100	5800	4100	4500	11,40	11,00	17	3,50

* Working moment = 2 x static moment.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	A	B	C	Holes				F	H	I	L	M	N	Cable entry thread
					D	E	ØG	N°							
MVSI 075/150E-S02	A	344	203	167	105	140	13	4	30	82,5	93	145	146	160	M25x1,5
MVSI 075/250E-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	M25x1,5
MVSI 075/400E-S02	A	435	224	205	120	170	17	4	42	104,5	117,5	187	162	203	M25x1,5
MVSI 075/660E-S08	A	500	244	230	140	190	17	4	45	116	134	207	190	225	M25x1,5
MVSI 075/910E-S08	A	574	244	230	140	190	17	4	45	116	171	207	190	225	M25x1,5
MVSI 075/1310E-S08	A	617	272	275	155	225	22	4	70	130	177	238	210	253	M25x1,5
MVSI 075/2110E-S02	A	666	321	310	155	255	23,5	4	77	157	178	277	215	295	M25x1,5
MVSI 075/3110E-S02	A	734	347	340	180	280	26	4	80	165	202	303	240	320	M32x1,5
MVSI 075/3800E-S02	A	796	347	340	180	280	26	4	80	165	233	303	240	320	M32x1,5
MVSI 075/4200E-S02	A	744	370	390	200	320	28	4	90	180	192	330	270	350	M32x1,5
MVSI 075/5300E-S02	A	840	370	390	200	320	28	4	90	180	240	330	270	350	M32x1,5
MVSI 075/10000E-S02	C	1002	437	460	125	380	39	6	35	215	300	387	320	414	M32x1,5

tE (s) = set time tE from IEC/EN 60079-7. I_a/I_n = ratio between start-up current and maximum current.
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