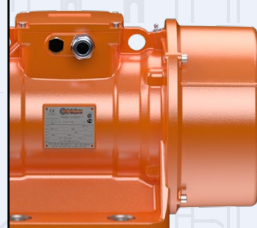


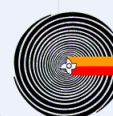


MVSI



EN

02.2026

 **italvibras**
g.silingardi

MVSI

The MVSI series represents the line of reference products for manufacturers of vibrating machines and plants operating in many industrial sectors and is made up of the largest range on the market, with centrifugal force values up to 30500 Kgf (300kN).

It is characterized by the continuous technological evolution in view of a continuous improvement in performance.

The MVSI series is designed to guarantee high performance in all conditions of use and environment.



MVSI

Compliance with the applicable European Union Directives:
2014/34/UE, 2014/35/UE, 2011/65/UE



II2D (2014/34/EU)
Ex tb IIIC T...°C Db
EN IEC 60079-0:2018
EN 60079-31:2014



Ex tb IIIC T...°C Db
IEC 60079-0:2017
IEC 60079-31:2013



Standard CAN/CSA – C22.2, N°. 100-95, Cert. n° LR 100948
Class 4211 01 - Motors and generators
UL 1004-1 – Rotating electrical machines – General requirements
Class II Div.2, Groups FG (T3B))



Regulations UK SI 2016 No.1101 and 1107 (amend. by UK SI 2019 No.696)
Ex tb IIIC T...°C Db
EN IEC 60079-0:2018
EN 60079-31:2014



Compliance with GB/T 3836.1-2021, GB/T 3836.31-2021
Ex tb IIIC T.....°C Db



Eurasian Customs Union: TR CU 010/2011, TR CU 012/2011
TR CU 010/2011 - N° EA3C N RU Д-IT.HX37.B.10628/20
TR CU 012/2011 - N° EA3C RU C-IT.HB07.B.00614/22



KOSHA Korea
Certificate n° 11-AVG BO-0359
Ex td A21 IP66



MVSI-C

Version MVSI-C
Class I Div.2, Groups ABCD
Standard CAN/CSA – C22.2



MVSI-F

Version MVSI-F
Class II Div.1, Groups EFG
Standard CAN/CSA – C22.2, UL 1004-1



TECHNICAL FEATURES



Power supply

Three-phase voltage from 24V to 690V, 50Hz or 60Hz or single-phase 100-130V, 60Hz and 200-240V, 50Hz (single-phase types are supplied without capacitor); suitable for use with an inverter from 20Hz to the base frequency with constant torque load profile.

Polarity

2, 4, 6 and 8 standard poles, 10 and 12 poles on request.

Functioning

Continual service (S1) at maximum declared centrifugal force and electric power. Intermittent services are also possible depending on the type of vibrator and the operating conditions. For detailed information, contact our technical assistance office.

Centrifugal force

Range extended up to 30500 kgf. (300 kN), with centrifugal force adjustable by varying eccentric weights position.

Mechanical protection

IP 66 according to IEC/EN 60529; IP69K according to ISO 20653, DIN 40050-9.

Protection against mechanical impacts

IK 08 according to IEC/EN 62262.

Insulation class

Class F (155°C), class H (180°C) on request.

Tropicalization

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

Ambient temperature

From -20°C to +40°C. Versions for higher or lower temperatures are available on request.

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.

Lubrication

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

Casing

In high-tensile aluminium alloy up to size 70, in spheroidal cast iron for larger sizes.

Weight covers

In aluminium alloy or steel sheet, on request stainless steel weight cover in AISI 304 may be available.

Split weight cover are also available, MVSI-TS series.

Painting / Surface coating

Electrostatic surface treatment based on epoxy polyester powder polymerised in oven at 200°C. Tested in salt spray for 500 hours. On request on MVSI series other surface coatings may be available.



MVSI-S SERIES
Stainless steel weight covers



MVSI-SI SERIES
STEEL IT polyurethane resin coating



MVSI-BR SERIES
Ball burnishing treatment

For further details please contact sales offices at Italtvibras.
We recommend consulting the use and maintenance manual (technical guide).
The technical data and models listed in this catalogue are not binding.
Italtvibras reserves the right to modify them without prior notice.

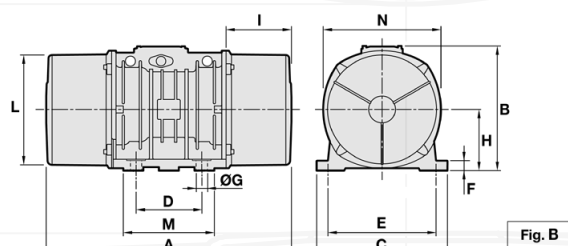
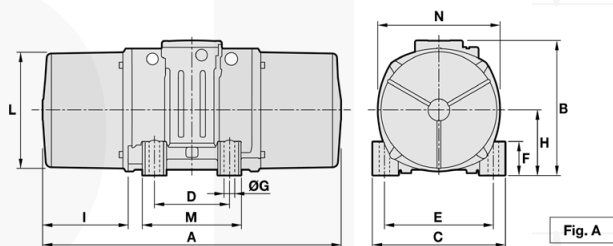
MVSI

2 POLES - 3000/3600 rpm

DESCRIPTION						MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS					
Code	Type	Size	cUS	Temp. class	II2D 	Static moment*		Centrifugal force				Weight		Max input power		Max current		Ia/In	
						kgmm		kg		kN		kg		W		A			
						50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
Three-phase	600311 MVSI 3/100-S02	00	•	120°C		12,1	12,1	122	175	1,19	1,72	5,2	5,2	180	180	0,35	0,30	2,68	3,00
	600312 MVSI 3/200-S02	01	•	120°C		20,2	16,2	203	234	1,99	2,29	6,0	5,8	180	180	0,35	0,30	2,68	3,00
	600313 MVSI 3/300-S02	10	•	120°C		30,0	22,5	302	326	2,96	3,20	9,0	8,6	260	270	0,60	0,50	3,47	4,20
	600314 MVSI 3/500-S02	20	•	120°C		58,0	34,8	584	504	5,72	4,94	14,3	13,3	450	500	0,80	0,75	4,21	4,80
	600366 MVSI 3/700-S02	20	•	120°C		69,6	46,4	700	672	6,87	6,59	14,5	14,0	450	500	0,80	0,75	4,21	4,80
	600381 MVSI 3/800-S02	30	•	120°C		74,5	55,9	750	810	7,35	7,94	18,9	18,3	650	685	1,10	1,00	3,83	6,00
	600513 MVSI 3/1100-S02	35	•	120°C		110	73,0	1105	1057	10,8	10,3	24,6	23,6	1000	1200	1,75	1,75	3,63	4,00
	600491 MVSI 3/1300-S08	AF33	•	-		128	91,6	1290	1327	12,7	13,0	27,0	25,7	1300	1350	2,10	1,90	3,96	4,98
	600504 MVSI 3/1500-S08	AF33	•	-		146	110	1470	1595	14,4	15,6	26,3	24,0	1300	1350	2,10	1,90	3,96	4,98
	600502 MVSI 3/1600-S02	50	•	-		153	102	1545	1483	15,2	14,5	30,2	28,5	1400	1450	2,30	2,00	4,95	6,12
	600503 MVSI 3/1800-S02	50	•	-		179	128	1802	1853	17,7	18,2	31,1	29,3	2000	2000	3,30	2,90	4,33	5,50
	600256 MVSI 3/2010-S90	AF50	•	135°C		205	128	2059	1853	20,2	18,2	48,7	46,3	2200	2200	3,50	3,00	4,62	6,00
	600257 MVSI 3/2310-S90	AF50	•	135°C		230	153	2316	2224	22,7	21,8	49,6	47,1	2200	2200	3,50	3,00	4,62	6,00
	600470 MVSI 3/3200-S02	AF70	•	-		344	215	3457	3112	33,9	30,5	94,0	90,0	4000	4000	6,50	5,60	4,46	5,18
	600471 MVSI 3/4000-S02	AF70	•	-		387	258	3890	3735	38,2	36,6	96,0	92,0	4000	4000	6,50	5,60	4,46	5,18
	600472 MVSI 3/5000-S02	AF70	•	-		515	344	5187	4979	50,9	48,8	109	105	5000	5000	7,60	6,90	5,54	7,10
	600276 MVSI 3/6510-S02	90	•	135°C		630	443	6357	6420	62,4	63,0	184	178	5500	5500	9,20	8,00	6,45	7,20
	600201 MVSI 3/9000-S02	95	•	-		895	619	9007	8970	88,4	88,0	215	210	10000	9300	18,0	13,0	4,39	5,23

	220V 50Hz 115V 60Hz																		
	Code	Type	Size	cUS	Temp. class	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
Single-phase	600311 MVSI 3/100-S02	00	•	120°C		12,1	12,1	122	176	1,20	1,72	5,2	5,2	165	165	0,75	1,52	1,67	2,24
	600312 MVSI 3/200-S02	01	•	120°C		20,2	16,2	203	234	1,99	2,29	5,8	5,5	165	165	0,75	1,52	1,67	2,24
	600313 MVSI 3/300-S02	10	•	120°C		30,0	22,5	302	326	2,96	3,20	9,0	8,6	280	280	1,25	2,40	2,48	3,52
	600314 MVSI 3/500-S02	20	•	120°C		58,0	34,8	584	504	5,72	4,94	14,3	13,3	500	500	2,30	4,50	3,35	4,22
	600366 MVSI 3/700-S02	20	•	120°C		69,6	46,4	700	672	6,87	6,59	14,5	14,0	500	500	2,30	4,50	3,35	4,22
	600381 MVSI 3/800-S02	30	•	120°C		74,5	55,9	750	810	7,35	7,94	18,9	18,3	700	750	3,25	7,00	4,00	4,14

* Working moment = 2 x static moment Ia/In = ratio between start-up current and maximum current.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	A	B	C	D	E	Holes		F	H	I	L	M	N	Capacitor (μ F)		Cable entry thread
							ØG	N°							220V 50Hz	115V 60Hz	
MVSI 3/100-S02	A	211	150	125	62-74**	106	9	4	22	61	46	103	98	117	-	-	M20x1,5
MVSI 3/200-S02	A	235	150	125	62-74**	106	9	4	22	61	58	103	98	117	-	-	M20x1,5
MVSI 3/300-S02	A	255	171	152	90	125	13	4	28	73	54	127	128	141	-	-	M20x1,5
MVSI 3/500-S02	A	288	203	167	105	140	13	4	30	82,5	65	145	146	160	-	-	M25x1,5
MVSI 3/700-S02	A	288	203	167	105	140	13	4	30	82,5	65	145	146	160	-	-	M25x1,5
MVSI 3/800-S02	A	308	211	205	120	170	17	4	45	93,5	63	170	174	182	-	-	M25x1,5
MVSI 3/1100-S02	A	436	224	205	120	170	17	4	42	104,5	118	185	162	203	-	-	M25x1,5
MVSI 3/1300-S08	A	375	217	215	100	180	17	4	47	93,5	106	170	145	182	-	-	M25x1,5
MVSI 3/1500-S08	A	375	217	215	100	180	17	4	47	93,5	106	170	145	182	-	-	M25x1,5
MVSI 3/1600-S02	A	448	244	230	140	190	17	4	45	116	108	207	190	225	-	-	M25x1,5
MVSI 3/1800-S02	A	448	244	230	140	190	17	4	45	116	108	207	190	225	-	-	M25x1,5
MVSI 3/2010-S90	A	465	232	230	140	190	17	4	49	104	105	185	180	200	-	-	M25x1,5
MVSI 3/2310-S90	A	465	232	230	140	190	17	4	49	104	105	185	180	200	-	-	M25x1,5
MVSI 3/3200-S02	A	560	290	310	155	255	25	4	90	130	137	238	210	253	-	-	M25x1,5
MVSI 3/4000-S02	A	560	290	310	155	255	25	4	90	130	137	238	210	253	-	-	M25x1,5
MVSI 3/5000-S02	A	560	290	310	155	255	25	4	90	130	137	238	210	253	-	-	M25x1,5
MVSI 3/6510-S02	B	744	364	380	200	320	28	4	28	183	192	334	346	356	-	-	M32x1,5
MVSI 3/9000-S02	B	630	392	390	200	320	28	4	30	192	135	359	351	378	-	-	M32x1,5
															220V 50Hz	115V 60Hz	
MVSI 3/100-S02	A	211	150	125	62-74**	106	9	4	22	61	46	103	98	117	10	28	M20x1,5
MVSI 3/200-S02	A	235	150	125	62-74**	106	9	4	22	61	58	103	98	117	10	35	M20x1,5
MVSI 3/300-S02	A	255	171	152	90	125	13	4	28	73	54	127	128	141	16	25	M20x1,5
MVSI 3/500-S02	A	288	203	167	105	140	13	4	30	82,5	65	145	146	160	12,5	50	M25x1,5
MVSI 3/700-S02	A	288	203	167	105	140	13	4	30	82,5	65	145	146	160	12,5°/30°	50	M25x1,5
MVSI 3/800-S02	A	308	211	205	120	170	17	4	45	93,5	63	170	174	182	25	90	M25x1,5

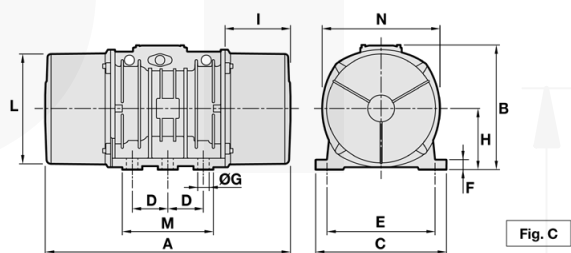
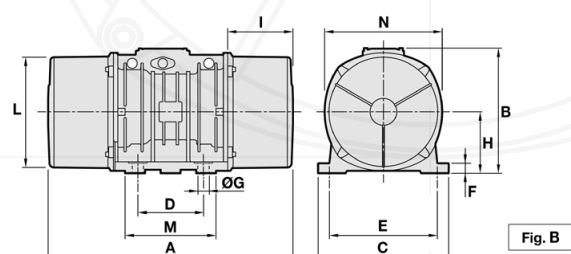
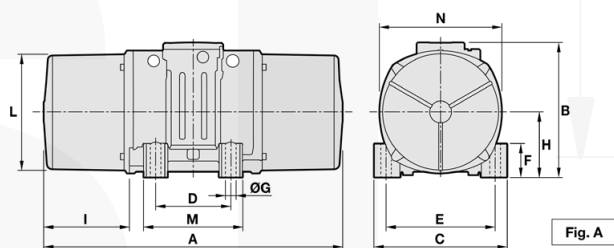
** Slot °Running capacitor / *Additional capacitor only for start-up
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italtibras.

MVSI

4 POLES - 1500/1800 rpm

	DESCRIPTION					MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS							
	Code	Type	Size		 II2D Temp. class	Static moment*		Centrifugal force				Weight		Max input power		Max current		Ia/In			
						<i>kgmm</i>		<i>kg</i>		<i>kN</i>		<i>kg</i>		<i>W</i>		<i>A</i>					
						50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz		
Three-phase	601340	MVSI 15/35-S02	00	●	120°C	12,1	12,1	30,5	43,9	0,30	0,43	5,2	5,2	85	95	0,21	0,20	1,78	1,95		
	601341	MVSI 15/80-S02	01	●	120°C	32,3	20,2	81,2	73,2	0,80	0,72	6,2	5,8	85	95	0,21	0,20	1,78	1,95		
	601366	MVSI 15/100-S02	01	●	120°C	37,9	32,3	95,3	117	0,93	1,15	6,6	6,2	85	95	0,21	0,20	1,78	1,95		
	601367	MVSI 15/200-S02	10	●	120°C	84,2	84,2	213	306	2,09	3,00	11,7	11,7	170	170	0,41	0,40	2,34	2,75		
	601372	MVSI 15/400-S02	20	●	120°C	163	113	412	411	4,04	4,03	18,5	16,5	300	350	0,60	0,60	3,33	3,50		
	601373	MVSI 15/550-S02	20	●	120°C	219	163	552	592	5,42	5,81	20,7	18,5	300	350	0,60	0,60	3,33	3,50		
	601408	MVSI 15/700-S02	30	●	120°C	286	209	720	760	7,06	7,46	25,5	23,8	525	665	0,92	0,98	3,48	3,43		
	601513	MVSI 15/900-S02	30	●	120°C	357	286	900	1037	8,83	10,2	29,0	25,5	525	665	0,92	0,98	3,48	3,43		
	601524	MVSI 15/1100-S02	35	●	120°C	415	271	1045	982	10,3	9,63	33,4	31,4	550	680	0,95	0,95	4,45	4,89		
	601217	MVSI 15/1410-S02	40	●	120°C	561	400	1413	1449	13,9	14,2	41,2	37,5	900	1050	1,45	1,50	4,10	4,20		
NEW!	601219	MVSI 15/1710-S02	50	●	135°C	715	485	1798	1757	17,6	17,2	47,8	42,5	1100	1200	2,00	1,90	4,29	4,89		
	601267	MVSI 15/2000-S02	50	●	135°C	817	561	2054	2033	20,1	19,9	50,5	44,5	1350	1450	2,50	2,30	4,30	4,90		
	601676	MVSI 15/2400-S02	50	●	135°C	980	710	2460	2570	24,1	25,2	55,0	48,0	1350	1450	2,50	2,30	4,30	4,90		
	601220	MVSI 15/2410-S08	60	●	150°C	962	674	2420	2444	23,7	24,0	70,0	63,5	1600	1700	3,20	3,00	6,09	7,23		
	601268	MVSI 15/3000-S08	60	●	135°C	1235	858	3106	3107	30,5	30,5	80,0	71,0	1900	2000	3,80	3,50	6,50	7,50		
	601221	MVSI 15/3810-S02	70	●	135°C	1526	1034	3840	3744	37,7	36,7	95,0	86,0	2200	2500	3,90	3,90	7,11	6,92		
	601269	MVSI 15/4300-S02	70	●	135°C	1720	1173	4326	4250	42,4	41,7	99,0	93,0	2500	2800	4,80	4,65	5,90	7,10		
	601211	MVSI 15/5010-S02	80	●	135°C	1990	1364	5007	4941	49,1	48,5	161	153	3600	3400	6,00	5,00	7,02	8,00		
	601447	MVSI 15/6000-S02	80	●	135°C	2248	1677	5654	6075	55,5	59,6	164	155	3600	3400	6,00	5,00	7,02	8,00		
	601165	MVSI 15/7000-S02	90	●	135°C	2598	1822	6536	6600	64,1	64,7	208	195	6000	6000	10,5	9,00	6,48	7,67		
	601166	MVSI 15/9000-S02	95	□	135°C	3260	2260	8199	8183	80,4	80,3	225	210	7000	8000	11,6	11,5	5,43	5,57		
	601204	MVSI 15/9500-S02	97	□	135°C	3346	2620	8416	9490	82,6	93,1	306	292	7500	8500	12,2	12,0	6,56	6,67		
	601205	MVSI 15/11500-S02	100	□	135°C	4544	3166	11430	11467	113	112	380	360	10000	10500	17,5	15,5	7,03	8,00		
	601271	MVSI 15/14500-S02	100	□	135°C	5614	4126	14120	14940	138	147	408	373	11000	12000	20,0	20,0	8,00	8,00		
	Single-phase	220V 50Hz 115V 60Hz																			
601340		MVSI 15/35-S02	00	●	120°C	12,1	12,1	30,5	43,9	0,30	0,43	5,2	5,2	90	100	0,43	1,00	1,20	1,30		
601341		MVSI 15/80-S02	01	●	120°C	32,3	20,2	81,2	73,2	0,80	0,72	6,2	5,8	90	100	0,43	1,00	1,20	1,30		
601366		MVSI 15/100-S02	01	●	120°C	37,9	32,3	95,3	117	0,93	1,15	6,6	6,2	90	100	0,43	1,00	1,20	1,30		
601367		MVSI 15/200-S02	10	●	120°C	84,2	84,2	213	306	2,09	3,00	11,7	11,7	210	230	1,00	2,00	1,50	1,85		
601372		MVSI 15/400-S02	20	●	120°C	163	113	412	411	4,04	4,03	18,5	16,5	240	320	1,20	2,80	2,50	2,21		
601373		MVSI 15/550-S02	20	●	120°C	219	163	552	592	5,42	5,81	20,7	18,5	240	320	1,20	2,80	2,50	2,21		
601408		MVSI 15/700-S02	30	●	120°C	286	209	720	760	7,06	7,46	25,5	23,8	450	550	2,15	5,15	5,44	3,63		

* Working moment = 2 x static moment □ CSA certification on request, with feeding line included.
Ia/In = ratio between start-up current and maximum current.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	A	B	C	D	E	ØG	N°	F	H	I	L	M	N	Capacitor (µF)		Cable entry thread
															220V 50Hz	115V 60Hz	
MVSI 15/35-S02	A	211	150	125	62-74**	106	9	4	22	61	46	103	98	117	-	-	M20x1,5
MVSI 15/80-S02	A	249	150	125	62-74**	106	9	4	22	61	65	103	98	117	-	-	M20x1,5
MVSI 15/100-S02	A	249	150	125	62-74**	106	9	4	22	61	65	103	98	117	-	-	M20x1,5
MVSI 15/200-S02	A	301	171	152	90	125	13	4	28	73	77	127	128	141	-	-	M20x1,5
MVSI 15/400-S02	A	344	203	167	105	140	13	4	30	82,5	93	145	146	160	-	-	M25x1,5
MVSI 15/550-S02	A	386	203	167	105	140	13	4	30	82,5	114	145	146	160	-	-	M25x1,5
MVSI 15/700-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	-	-	M25x1,5
MVSI 15/900-S02	A	396	211	205	120	170	17	4	45	93,5	107	168	174	182	-	-	M25x1,5
MVSI 15/1100-S02	A	436	224	205	120	170	17	4	42	104,5	118	185	162	203	-	-	M25x1,5
MVSI 15/1410-S02	A	448	244	230	140	190	17	4	45	116	108	207	190	225	-	-	M25x1,5
MVSI 15/1710-S02	A	500	244	230	140	190	17	4	45	116	134	207	190	225	-	-	M25x1,5
MVSI 15/2000-S02	A	574(50Hz) 500(60Hz)	244	230	140	190	17	4	45	116	171(50Hz) 134(60Hz)	207	190	225	-	-	M25x1,5
MVSI 15/2400-S02	A	574(50Hz) 500(60Hz)	244	230	140	190	17	4	45	116	171(50Hz) 134(60Hz)	207	190	225	-	-	M25x1,5
MVSI 15/2410-S08	A	537	272	275	155	225	22	4	70	130	137	238	210	253	-	-	M25x1,5
MVSI 15/3000-S08	A	617	272	275	155	225	22	4	70	130	177	238	210	253	-	-	M25x1,5
MVSI 15/3810-S02	B	584	321	315	155	255	23,5	4	27	157	137	277	270	295	-	-	M25x1,5
MVSI 15/4300-S02	B	666(50Hz) 584(60Hz)	321	315	155	255	23,5	4	27	157	178(50Hz) 137(60Hz)	277	270	295	-	-	M25x1,5
MVSI 15/5010-S02	B	644	346	345	180	280	26	4	28	165	157	296	323	320	-	-	M32x1,5
MVSI 15/6000-S02	B	644	346	345	180	280	26	4	28	165	157	296	323	320	-	-	M32x1,5
MVSI 15/7000-S02	B	744	364	380	200	320	28	4	28	183	192	334	346	356	-	-	M32x1,5
MVSI 15/9000-S02	B	630	392	390	200	320	28	4	30	192	135	359	351	378	-	-	M32x1,5
MVSI 15/9500-S02	C	868	431	460	125	380	39	6	35	215	233	380	325	414	-	-	M32x1,5
MVSI 15/11500-S02	C	982	454	530	140	440	45	6	38	230	271	413	367	448	-	-	M32x1,5
MVSI 15/14500-S02	C	982	454	530	140	440	45	6	38	230	271	413	367	448	-	-	M32x1,5
MVSI 15/35-S02	A	211	150	125	62-74**	106	9	4	22	61	46	103	98	117	3,15	25	M20x1,5
MVSI 15/80-S02	A	249	150	125	62-74**	106	9	4	22	61	65	103	98	117	3,15	25	M20x1,5
MVSI 15/100-S02	A	249	150	125	62-74**	106	9	4	22	61	65	103	98	117	3,15	25	M20x1,5
MVSI 15/200-S02	A	301	171	152	90	125	13	4	28	73	77	127	128	141	5	25	M20x1,5
MVSI 15/400-S02	A	344	203	167	105	140	13	4	30	82,5	93	145	146	160	12°/20°	35	M25x1,5
MVSI 15/550-S02	A	386	203	167	105	140	13	4	30	82,5	114	145	146	160	12°/20°	35°/10°	M25x1,5
MVSI 15/700-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	16°/80°	40°/120°	M25x1,5

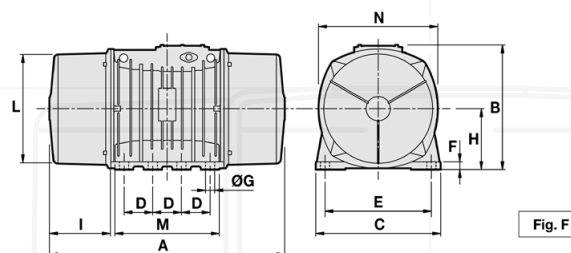
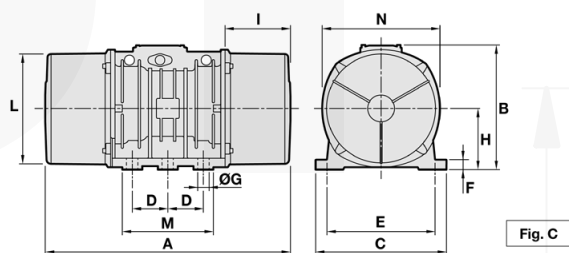
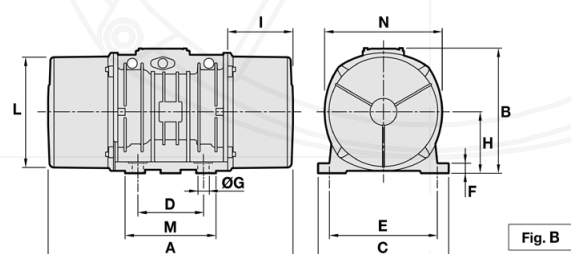
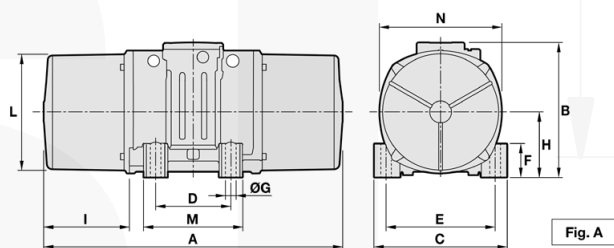
** Slot °Running capacitor / *Additional capacitor only for start-up
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

MVSI

6 POLES - 1000/1200 rpm

DESCRIPTION					MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS					
Code	Type	Size	cSP US	Temp. class														
					Static moment*		Centrifugal force				Weight		Max input power		Max current		Ia/In	
					kgmm	kg	kgmm	kg	kN	kg	kg	kg	W	A	A	A		
					50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
602296	MVSI 10/40-S02	10	•	120°C	30,0	30,0	33,5	48,3	0,33	0,47	9,0	9,0	120	135	0,30	0,30	1,90	2,07
602297	MVSI 10/100-S02	10	•	120°C	84,2	84,2	94,3	136	0,93	1,33	11,9	11,9	120	135	0,30	0,30	1,90	2,07
602298	MVSI 10/200-S02	20	•	120°C	163	163	183	264	1,80	2,59	18,1	18,1	185	205	0,50	0,50	2,72	3,10
602314	MVSI 10/310-S02	30	•	120°C	286	209	321	338	3,15	3,32	25,7	24,0	350	380	0,72	0,68	2,63	2,79
602241	MVSI 10/400-S02	30	•	120°C	357	357	400	576	3,93	5,65	29,0	29,0	350	380	0,72	0,68	2,63	2,79
602402	MVSI 10/550-S02	35	•	120°C	457	457	512	737	5,02	7,23	32,6	32,6	350	380	0,75	0,68	2,53	3,68
602403	MVSI 10/650-S02	35	•	-	580	457	650	737	6,37	7,23	35,5	32,6	350	380	0,95	0,88	3,16	3,86
602380	MVSI 10/810-S08	40	•	135°C	723	561	809	905	7,94	8,88	44,0	40,0	680	760	1,40	1,35	2,79	3,33
602381	MVSI 10/1110-S08	50	•	135°C	1012	715	1132	1151	11,1	11,3	54,0	48,8	750	750	1,65	1,50	3,33	4,13
602382	MVSI 10/1400-S08	50	•	135°C	1274	921	1424	1483	14,0	14,5	63,0	55,5	950	1000	1,80	1,70	3,05	3,65
602406	MVSI 10/1610-S08	60	•	135°C	1464	962	1638	1549	16,1	15,2	80,0	70,0	1100	1300	2,20	2,20	4,21	4,05
602407	MVSI 10/2100-S08	60	•	135°C	1927	1318	2154	2102	21,1	20,6	92,0	82,0	1500	1700	3,00	2,75	3,42	4,00
602167	MVSI 10/2610-S02	70	•	135°C	2326	1720	2601	2747	25,5	26,9	106	97,0	1960	2100	4,10	3,75	5,35	5,60
602230	MVSI 10/3000-S02	70	•	135°C	2690	1940	3007	3124	29,5	30,6	124	109	2200	2400	4,50	4,30	4,35	4,81
602154	MVSI 10/3810-S02	80	•	135°C	3422	2380	3826	3831	37,5	37,6	188	170	2500	3000	5,10	5,00	5,91	6,00
602204	MVSI 10/4700-S02	80	•	135°C	4206	2887	4701	4648	46,1	45,6	204	183	3200	3600	6,50	6,00	5,24	5,50
602350	MVSI 10/5150-S02	80	•	135°C	4678	3230	5230	5200	51,3	51,0	225	200	3200	3600	6,50	6,00	5,24	5,50
602138	MVSI 10/5200-S02	90	•	135°C	4658	3288	5208	5293	51,1	51,9	238	215	3800	4000	7,00	6,50	4,71	5,08
602351	MVSI 10/5700-S02	90	•	135°C	5044	3478	5650	5600	55,4	54,9	240	220	3800	4000	7,00	6,50	4,71	5,08
602091	MVSI 10/6500-S02	90	•	135°C	5838	4055	6527	6529	64,0	64,0	268	258	4300	5000	8,20	8,10	4,51	5,83
602136	MVSI 10/6600-S02	97	•	135°C	6083	3979	6799	6405	66,7	62,8	308	280	5000	5900	10,0	9,80	5,61	5,82
602352	MVSI 10/7000-S02	90	•	135°C	6272	4348	7013	7000	68,8	68,7	275	263	4300	5000	8,20	8,10	4,51	5,83
602092	MVSI 10/8000-S02	95	□	135°C	7197	4967	8046	7996	78,9	78,4	315	277	7000	7500	12,6	11,3	4,59	5,58
602093	MVSI 10/9000-S02	95	□	135°C	7752	5385	8666	8669	85,0	85,0	326	289	7500	8200	14,0	12,9	4,13	4,88
602137	MVSI 10/10000-S02	97	□	135°C	8673	5664	9695	9117	95,1	89,4	372	332	7600	8000	13,5	12,4	4,72	4,92
602349	MVSI 10/11200-S02	97	□	135°C	9983	6896	11160	11100	109	109	398	358	7600	8000	13,5	12,4	4,72	4,92
602134	MVSI 10/12000-S02	100	□	135°C	10996	7543	12294	12141	121	119	446	406	9000	9500	16,3	15,0	5,21	5,73
602227	MVSI 10/13000-S02	97	□	135°C	11510	8158	12867	13130	126	129	445	395	9600	10000	17,0	16,0	4,98	5,00
602142	MVSI 10/15000-S02	105	□	-	12662	8700	14155	14004	139	137	613	570	10600	11270	19,0	18,0	5,88	5,78
602143	MVSI 10/17500-S02	105	□	-	15500	10439	17327	16804	170	165	677	620	13000	13700	24,5	23,0	5,71	5,96
602244	MVSI 10/19500-S02	105	□	-	17947	11430	20062	18400	197	181	707	635	13000	13700	24,5	23,0	5,71	5,96
602144	MVSI 10/22000-S02	110	□	-	20025	13460	22386	21700	220	213	843	777	19000	19000	33,0	25,5	4,67	5,88
602273	MVSI 10/25000-S02	110	□	-	22364	14785	25000	23800	245	233	864	792	19000	19000	33,0	25,5	4,67	5,88
602336	MVSI 10/30000-S02	120	□	-	27285	18760	30560	30200	300	296	1200	1050	24000	25800	40,0	38,0	4,89	5,39

* Working moment = 2 x static moment □ CSA certification on request, with feeding line included.
Ia/In = ratio between start-up current and maximum current.



DIMENSIONAL SPECIFICATIONS (mm)

							Holes									Cable entry thread
Type	Fig.	A	B	C	D	E	ØG	N°	F	H	I	L	M	N		
MVSI 10/40-S02	A	255	171	152	90	125	13	4	28	73,0	54,0	127	128	141	M20X1,5	
MVSI 10/100-S02	A	301	171	152	90	125	13	4	28	73,0	77,0	127	128	141	M20X1,5	
MVSI 10/200-S02	A	344	203	167	105	140	13	4	30	82,5	93,0	145	146	160	M25X1,5	
MVSI 10/310-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	M25X1,5	
MVSI 10/400-S02	A	396	211	205	120	170	17	4	45	93,5	107	170	174	182	M25X1,5	
MVSI 10/550-S02	A	435	224	205	120	170	17	4	42	104,5	117,5	187	162	203	M25X1,5	
MVSI 10/650-S02	A	480(50Hz) 435(60Hz)	224	205	120	170	17	4	42	104,5	140(50Hz) 117,5(60Hz)	187	162	203	M25X1,5	
MVSI 10/810-S08	A	500(50Hz) 448(60Hz)	244	230	140	190	17	4	45	116	134(50Hz) 108(60Hz)	207	190	225	M25X1,5	
MVSI 10/1110-S08	A	574	244	230	140	190	17	4	45	116	171	207	190	225	M25X1,5	
MVSI 10/1400-S08	A	620(50Hz) 574(60Hz)	244	230	140	190	17	4	45	116	194(50Hz) 171(60Hz)	207	190	225	M25X1,5	
MVSI 10/1610-S08	A	617(50Hz) 537(60Hz)	272	275	155	225	22	4	70	130	177(50Hz) 137(60Hz)	238	210	253	M25X1,5	
MVSI 10/2100-S08	A	663(50Hz) 617(60Hz)	272	275	155	225	22	4	70	130	200(50Hz) 177(60Hz)	238	210	253	M25X1,5	
MVSI 10/2610-S02	B	666	321	315	155	255	23,5	4	27	157	178	277	270	295	M25X1,5	
MVSI 10/3000-S02	B	712	321	315	155	255	23,5	4	27	157	201	277	270	295	M25X1,5	
MVSI 10/3810-S02	B	736	346	345	180	280	26	4	28	165	203	305	323	320	M32X1,5	
MVSI 10/4700-S02	B	812	346	345	180	280	26	4	28	165	241	305	323	320	M32X1,5	
MVSI 10/5150-S02	B	812	346	345	180	280	26	4	28	165	241	305	323	320	M32X1,5	
MVSI 10/5200-S02	B	744	364	380	200	320	28	4	28	183	192	329	346	356	M32X1,5	
MVSI 10/5700-S02	B	838	364	380	200	320	28	4	28	183	239	329	346	356	M32X1,5	
MVSI 10/6500-S02	B	838	364	380	200	320	28	4	28	183	239	329	346	356	M32X1,5	
MVSI 10/6600-S02	C	868	431	460	125	380	39	6	35	215	233	387	325	414	M32X1,5	
MVSI 10/7000-S02	B	838	364	380	200	320	28	4	28	183	239	329	346	356	M32X1,5	
MVSI 10/8000-S02	B	860	392	390	200	320	28	4	30	192	250	365	351	378	M32X1,5	
MVSI 10/9000-S02	B	860	392	390	200	320	28	4	30	192	250	365	351	378	M32X1,5	
MVSI 10/10000-S02	C	868	431	460	125	380	39	6	35	215	233	387	325	414	M32X1,5	
MVSI 10/11200-S02	C	1002	431	460	125	380	39	6	35	215	300	387	325	414	M32X1,5	
MVSI 10/12000-S02	C	982	454	530	140	440	45	6	38	230	271	419	367	448	M32X1,5	
MVSI 10/13000-S02	C	1002	431	460	125	380	39	6	35	215	300	387	325	414	M32X1,5	
MVSI 10/15000-S02	F	960	526	570	140	480	45	8	41	268	200	486	514	516	M32X1,5	
MVSI 10/17500-S02	F	1050	526	570	140	480	45	8	41	268	245	486	514	516	M32X1,5	
MVSI 10/19500-S02	F	1120(50Hz) 1050(60Hz)	526	570	140	480	45	8	41	268	280(50Hz) 245(60Hz)	486	514	516	M32X1,5	
MVSI 10/22000-S02	F	1150	588	610	140	520	45	8	38	297	298	542	521	582	M32X1,5	
MVSI 10/25000-S02	F	1150	588	610	140	520	45	8	38	297	298	542	521	582	M32X1,5	
MVSI 10/30000-S02	F	1205	649	700	140	600	45	8	45	320	310	600	510	660	M32X1,5	

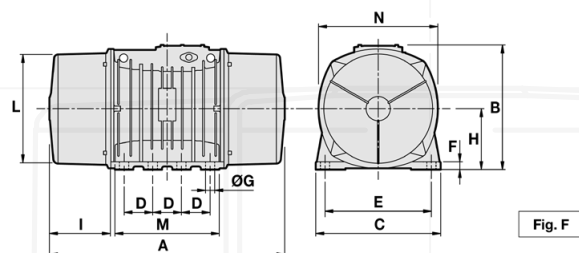
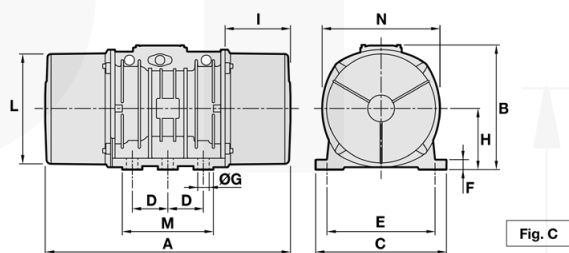
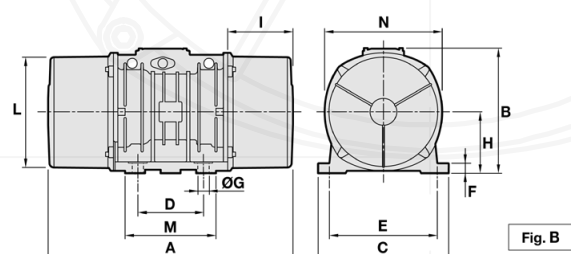
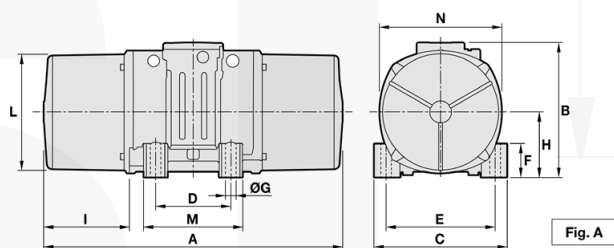
Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

MVSI

8 POLES - 750/900 rpm

DESCRIPTION						MECHANICAL SPECIFICATIONS								ELECTRICAL SPECIFICATIONS					
Code	Type	Size	cUS	Temp. class	II2D Ex	Static moment*		Centrifugal force				Weight		Max input power		Max current		Ia/In	
						kgmm	kg	kgmm	kg	kN	kg	kg	kg	W	W	A	A	50Hz	60Hz
602568	MVSI 075/150-S02	20	•	130°C		163	163	104	149	1,02	1,46	18,1	18,1	230	250	0,85	0,76	2,13	2,11
602575	MVSI 075/250-S02	30	•	130°C		286	286	181	260	1,76	2,55	26,2	26,2	350	380	1,10	1,05	2,03	2,29
602615	MVSI 075/400-S02	35	•	120°C		457	457	288	415	2,83	4,07	32,6	32,6	375	410	0,81	0,80	2,22	2,38
602616	MVSI 075/530-S02	35	•	120°C		580	580	365	528	3,60	5,20	36,0	36,0	375	410	0,81	0,80	2,22	2,38
602609	MVSI 075/660-S08	40	•	120°C		723	723	456	656	4,47	6,44	44,0	44,0	400	450	1,20	1,20	2,38	2,58
602610	MVSI 075/910-S08	50	•	120°C		1012	1012	637	917	6,25	9,00	54,0	54,0	400	500	1,40	1,30	2,38	2,85
602618	MVSI 075/1310-S08	60	•	150°C		1464	1464	922	1327	9,04	13,0	80,0	80,0	950	1100	2,20	2,20	2,63	3,41
602619	MVSI 075/1750-S08	60	•	135°C		1927	1927	1214	1747	11,9	17,1	92,0	92,0	1100	1300	2,60	2,60	2,78	3,04
602891	MVSI 075/2110-S02	70	•	135°C		2326	2326	1463	2107	14,4	20,7	106	106	1500	1790	4,10	3,40	3,55	2,95
NEW! 602690	MVSI 075/2500-S02	70	•	135°C		2690	2690	1692	2438	16,6	23,9	124	124	1600	1800	3,30	3,20	3,25	3,08
602884	MVSI 075/3110-S02	80	•	135°C		3422	3422	2152	3099	21,1	30,4	188	188	2000	2300	5,40	5,20	3,98	4,62
602515	MVSI 075/3800-S02	80	•	135°C		4206	4206	2645	3808	25,9	37,4	204	204	2500	3000	6,00	6,00	4,00	4,20
602862	MVSI 075/4200-S02	90	•	135°C		4658	4658	2930	4218	28,7	41,4	238	238	2800	3350	6,50	6,50	3,84	4,00
602826	MVSI 075/5300-S02	90	•	135°C		5838	5838	3672	5287	36,0	51,9	268	268	4000	4300	8,20	7,85	3,87	5,35
602827	MVSI 075/6500-S02	95	□	135°C		7197	7197	4526	6517	44,4	63,9	315	315	4900	5800	9,90	9,50	3,04	3,26
602551	MVSI 075/6800-S02	97	□	135°C		7340	7340	4616	6647	45,3	65,2	328	328	5600	6000	10,5	10,0	3,12	3,30
NEW! 602828	MVSI 075/7000-S02	95	□	135°C		7752	7752	4875	7020	47,8	68,9	326	326	4900	5800	9,90	9,50	3,04	3,26
NEW! 602684	MVSI 075/8500-S02	97	□	135°C		9285	9285	5840	8407	57,3	85,7	400	400	6800	7450	13,2	12,0	3,33	3,92
602870	MVSI 075/10000-S02	97	□	135°C		12390	10973	7792	9937	76,4	97,5	438	419	6800	7450	13,2	12,0	3,33	3,92
602863	MVSI 075/12000-S02	100	□	135°C		13816	12407	8689	11235	85,2	110	486	473	7600	8300	14,0	13,5	3,72	3,78
602871	MVSI 075/14000-S02	105	□	-		17946	15500	11285	14036	111	138	673	648	9200	9600	21,0	19,5	4,99	5,44
602872	MVSI 075/17000-S02	105	□	-		21337	19064	13418	17263	132	169	741	718	10400	11140	22,0	20,0	5,50	5,90
602873	MVSI 075/22000-S02	110	□	-		28633	24508	18005	22192	177	218	934	894	12500	16200	26,5	28,0	5,63	4,71
602535	MVSI 075/26000-S02	110	□	-		-	28633	-	25927	-	254	-	934	-	16200	-	28,0	-	4,71
602589	MVSI 075/30000-S02	120	□	-		47465	33440	29845	30280	293	297	1400	1280	23500	22700	43,0	37,6	5,60	6,50

* Working moment = 2 x static moment □ CSA certification on request, with feeding line included. Ia/In = ratio between start-up current and maximum current.



DIMENSIONAL SPECIFICATIONS (mm)

Type	Fig.	Holes							Cable entry thread						
		A	B	C	D	E	ØG	N°	F	H	I	L	M	N	
MVSI 075/150-S02	A	344	203	167	105	140	13	4	30	82,5	93	145	146	160	M25X1,5
MVSI 075/250-S02	A	394	211	205	120	170	17	4	45	93,5	106	170	174	182	M25X1,5
MVSI 075/400-S02	A	436	224	205	120	170	17	4	42	104,5	118	187	162	203	M25X1,5
MVSI 075/530-S02	A	480	224	205	120	170	17	4	42	104,5	140	187	162	203	M25X1,5
MVSI 075/660-S08	A	500	244	230	140	190	17	4	45	116	134	207	190	225	M25X1,5
MVSI 075/910-S08	A	574	244	230	140	190	17	4	45	116	171	207	190	225	M25X1,5
MVSI 075/1310-S08	A	617	272	275	155	225	22	4	70	130	177	238	210	253	M25X1,5
MVSI 075/1750-S08	A	663	272	275	155	225	22	4	70	130	200	238	210	253	M25X1,5
MVSI 075/2110-S02	B	666	321	315	155	255	23,5	4	27	157	178	277	270	295	M25X1,5
MVSI 075/2500-S02	B	712	321	315	155	255	23,5	4	27	157	201	277	270	295	M25X1,5
MVSI 075/3110-S02	B	736	346	345	180	280	26	4	28	165	203	296	323	320	M32X1,5
MVSI 075/3800-S02	B	812	346	345	180	280	26	4	28	165	241	296	323	320	M32X1,5
MVSI 075/4200-S02	B	744	364	380	200	320	28	4	28	183	192	334	346	356	M32X1,5
MVSI 075/5300-S02	B	838	364	380	200	320	28	4	28	183	239	334	346	356	M32X1,5
MVSI 075/6500-S02	B	860	392	390	200	320	28	4	30	192	250	359	351	378	M32X1,5
MVSI 075/6800-S02	C	868	431	460	125	380	39	6	35	215	233	380	325	414	M32X1,5
MVSI 075/7000-S02	B	860	392	390	200	320	28	4	30	192	250	359	351	378	M32X1,5
MVSI 075/8500-S02	C	1002	431	460	125	380	39	6	35	215	300	380	325	414	M32X1,5
MVSI 075/10000-S02	C	1002	431	460	125	380	39	6	35	215	300	380	325	414	M32X1,5
MVSI 075/12000-S02	C	1070	454	530	140	440	45	6	38	230	271	413	367	448	M32X1,5
MVSI 075/14000-S02	F	1040	526	570	140	480	45	8	41	268	245	486	514	516	M32X1,5
MVSI 075/17000-S02	F	1120	526	570	140	480	45	8	41	268	280	486	514	516	M32X1,5
MVSI 075/22000-S02	F	1150	588	610	140	520	45	8	38	297	298	542	521	582	M32X1,5
MVSI 075/26000-S02	F	1150	588	610	140	520	45	8	38	297	298	542	521	582	M32X1,5
MVSI 075/30000-S02	F	1325	649	700	140	600	45	8	45	320	370	600	510	660	M32X1,5

Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

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