

MVSI 18 ELECTRIC VIBRATOR SERIES

three-phase

4 poles		
Hz	50	60
RPM	1500	1800



DESCRIPTION						MECHANICAL FEATURES						ELECTRICAL FEATURES			
Part Number	Model	Design	Frame Size	SP	Ex I/2D Temp. Class	Static Moment* in-lbs		Centrifugal Force lbs		Weight lbs		Power Output HP		Max Current A	
						50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz
601340	MVSI 18-100	S02	00	•	120°C	1.04	1.04	66	96	12.3	12.3	0.05	0.06	0.21	0.20
601341	MVSI 18-180	S02	01	•	120°C	2.70	1.83	171	167	14.7	14.1	0.05	0.06	0.21	0.20
601366	MVSI 18-250	S02	01	•	120°C	3.38	2.70	215	246	15.6	14.7	0.05	0.06	0.21	0.20
601367	MVSI 18-480	S02	10	•	120°C	7.32	5.11	469	471	27.5	25.7	0.13	0.13	0.41	0.40
601372	MVSI 18-920	S02	20	•	120°C	14.2	9.83	906	904	41.8	40.0	0.29	0.37	0.60	0.60
601373	MVSI 18-1310	S02	20	•	120°C	19.0	14.2	1214	1302	44.9	41.8	0.29	0.37	0.60	0.60
601408	MVSI 18-1690	S02	30	•	120°C	24.9	18.2	1584	1672	60.5	57.6	0.51	0.66	0.92	0.98
601513	MVSI 18-2280	S02	30	•	120°C	31.0	24.9	1980	2281	66.0	60.5	0.51	0.66	0.92	0.98
601524	MVSI 18-2150	S02	35	•	120°C	36.1	23.6	2299	2160	77.0	67.1	0.54	0.67	0.95	0.95
601217	MVSI 18-3190	S02	40	•	120°C	48.8	34.8	3109	3188	96.8	90.2	1.0	1.2	1.45	1.50
601219	MVSI 18-3870	S02	50	•	150°C	62.2	42.2	3956	3865	112	107	1.1	1.2	2.00	1.90
601267	MVSI 18-4500	S02	50	•	170°C	71.0	48.8	4519	4473	122	113	1.3	1.5	2.50	2.30
601220	MVSI 18-5380	S08	60	•	150°C	83.6	58.6	5324	5377	156	145	1.8	1.9	3.20	3.00
601268	MVSI 18-6850	S08	60	•	135°C	107	74.6	6833	6835	176	162	2.0	2.2	3.80	3.50
601221	MVSI 18-8300	S02	70	•	135°C	133	89.9	8448	8237	262	242	2.4	2.8	3.90	3.90
601269	MVSI 18-9420	S02	70	•	135°C	150	102	9517	9350	271	257	2.7	3.3	4.80	4.65
601211	MVSI 18-10900	S02	80	•	135°C	173	119	11015	10870	354	337	4.0	3.7	6.00	5.00
601447	MVSI 18-13400	S02	80	•	135°C	195	146	12439	13365	360	341	4.0	3.7	6.00	5.00
601165	MVSI 18-14500	S02	90	•	135°C	226	158	14379	14520	458	429	6.7	7.0	10.5	9.00
601166	MVSI 18-17600	S90	95	°	135°C	283	197	18038	18003	495	462	7.6	8.9	11.6	11.5
601204	MVSI 18-19700	S02	97	°	135°C	291	214	18515	19615	697	667	8.0	9.2	12.2	12.0
601205	MVSI 18-25300	S90	100	°	135°C	395	275	25146	25227	953	904	11.5	12.2	17.5	15.5
601271	MVSI 18-32900	S90	100	°	135°C	488	359	31064	32868	1008	933	12.9	17.8	20.0	20.0

-  ° CSA Approval available if factory wired.
-  CSA Approval for Class I, Division 2, Groups A, B, C and D hazardous locations. Available upon request.
-  Product approved for European Directive 94/9/EC (EN 61241-0, EN 61241-1): ATEX II2D, tD A21 IP66 (temperature class detailed in table).
-  All listed products are in compliance with GOST R 51330.0-99, GOST R 51330.1, GOST R 51330.8-99, GOST R IEC 61241-1-1-99.
-  Product approved for IECEx Scheme following IEC 61241-0, 61241-1: II2D, tD A21 IP66 (Temperature class detailed in table).
-  In compliance with all applicable European Directives.

* Working Moment = 2 x Static Moment. Static Moment = Unbalance.
For 230 V, 60 Hz amperage, double the 460 V, 60 Hz amperage.

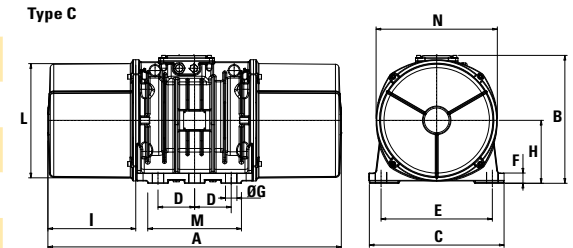
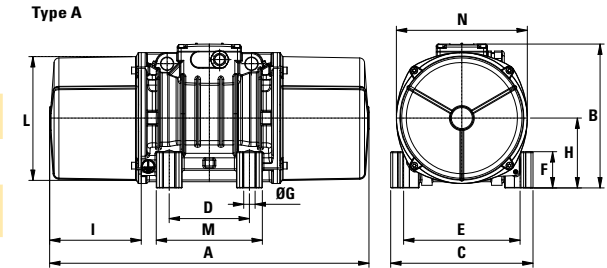
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OVERALL DIMENSIONS (inches)															
Model	Design	Type	A	B	C	D	E	Foot holes øG N°	F	H	I	L	M	N	
MVSI 18-100	S02	A	8.31	6.02	4.92	2.44-2.91**	4.17	0.35 4	0.94	2.40	1.81	4.06	3.94	4.61	
MVSI 18-180	S02	A	9.25	6.02	4.92	2.44-2.91**	4.17	0.35 4	0.94	2.40	2.28	4.06	3.94	4.61	
MVSI 18-250	S02	A	9.80(50Hz) 9.25(60Hz)	6.02	4.92	2.44-2.91**	4.17	0.35 4	0.94	2.40	2.56(50Hz) 2.28(60Hz)	4.06	3.94	4.61	
MVSI 18-480	S02	A	11.85	7.05	5.98	3.54	4.92	0.51 4	1.10	2.87	3.03	5.00	5.04	5.55	
MVSI 18-920	S02	A	13.54	7.99	6.57	4.13	5.51	0.51 4	1.18	3.25	3.66	5.71	5.51	6.30	
MVSI 18-1310	S02	A	15.20	7.99	6.57	4.13	5.51	0.51 4	1.18	3.25	4.49	5.71	5.51	6.30	
MVSI 18-1690	S02	A	15.51	8.50	8.07	4.72	6.69	0.67 4	1.77	3.68	4.17	6.69	6.30	7.17	
MVSI 18-2280	S02	A	15.51	8.50	8.07	4.72	6.69	0.67 4	1.77	3.68	4.17	6.69	6.30	7.17	
MVSI 18-2150	S02	A	17.13	8.86	8.07	4.72	6.69	0.67 4	2.13	4.11	4.63	7.36	6.38	7.99	
MVSI 18-3190	S02	A	17.64	9.69	9.06	5.51	7.48	0.67 4	2.13	4.57	4.25	8.15	7.48	8.86	
MVSI 18-3870	S02	A	19.69	9.69	9.06	5.51	7.48	0.67 4	2.13	4.57	5.28	8.15	7.48	8.86	
MVSI 18-4500	S02	A	22.60	9.69	9.06	5.51	7.48	0.67 4	2.13	4.57	6.73	8.15	7.09	8.86	
MVSI 18-5380	S08	A	21.14	10.71	10.83	6.10	8.86	0.87 4	2.76	5.12	5.39	9.37	8.27	9.96	
MVSI 18-6850	S08	A	24.29	10.71	10.83	6.10	8.86	0.87 4	2.76	5.12	6.97	9.37	8.27	9.96	
MVSI 18-8300	S02	A	22.99	12.64	12.20	6.10	10.04	0.93 4	3.03	6.18	5.39	10.91	8.46	11.61	
MVSI 18-9420	S02	A	26.22(50Hz) 22.99(60Hz)	12.64	12.20	6.10	10.04	0.93 4	3.03	6.18	7.01(50Hz) 5.39(60Hz)	10.91	8.46	11.61	
MVSI 18-10900	S02	A	24.80	13.66	13.39	7.09	11.02	1.02 4	3.15	6.50	5.91	11.93	9.45	12.60	
MVSI 18-13400	S02	A	24.80	13.66	13.39	7.09	11.02	1.02 4	3.15	6.50	5.91	11.93	9.45	12.60	
MVSI 18-14500	S02	A	26.77	14.57	15.35	7.87	12.60	1.10 4	3.54	7.09	6.30	12.99	10.63	13.78	
MVSI 18-17600	S90	A	24.76	15.55	15.43	7.87	12.60	1.10 4	3.94	7.56	5.30	13.98	10.63	14.76	
MVSI 18-19700	S02	C	33.94	17.20	18.11	4.92	14.96	1.54 6	1.38	8.46	9.06	15.24	12.60	16.30	
MVSI 18-25300	S90	C	38.98	17.87	20.87	5.51	17.32	1.77 6	1.50	9.06	9.45	16.65	14.57	17.64	
MVSI 18-32900	S90	C	38.98	17.87	20.87	5.51	17.32	1.77 6	1.50	9.06	9.45	16.65	14.57	17.64	



** Slot.

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

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