

VIBRATOR TECHNICAL DATA SHEET

MODEL: MVSI 15/200-S02 230/400V 50Hz 3PH

SERIE: AB FRAME SIZE: 10 P/N: 601367A

RPM 1500

MECHANICAL CHARACTERISTICS

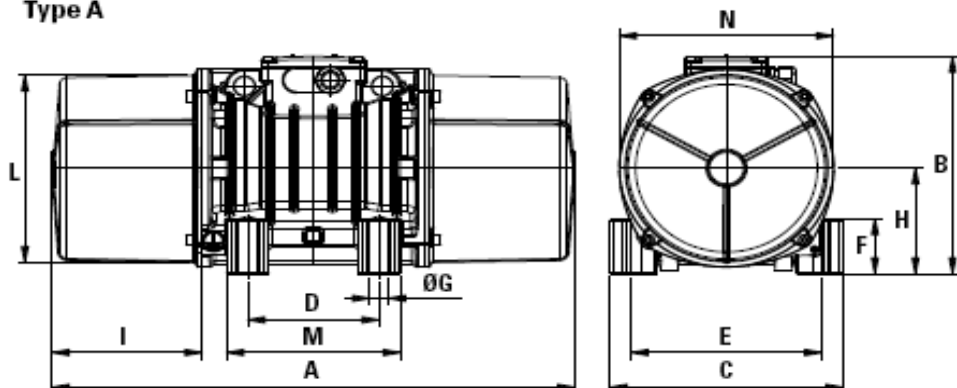
Weights Position %	Static moment		Centrifugal Force			Bearing Life w/1.3 Load Factor	Bearing Life w/1.0 Load Factor
	kgmm	in.-lb	kg	lb	kN		
100	84,2	7,32	213	469	2,09	21067	46285
90	75,8	6,59	192	422	1,88	28764	63193
80	67,4	5,86	170	375	1,67	41438	91039
70	58,9	5,12	149	328	1,46	61544	>100000
60	50,5	4,39	128	281	1,25	97077	>100000
50	42,1	3,66	107	234	1,04	>100000	>100000
40	33,7	2,93	85	187	0,84	>100000	>100000
30	25,3	2,20	64	141	0,63	>100000	>100000
20	16,8	1,46	43	94	0,42	>100000	>100000
10	8,4	0,73	21	47	0,21	>100000	>100000

Weight:	25,8lb (11,7 kg)	Bearing:	6304.22.C3
Working Moment:	14,6 in-lb (16,8 kgcm)	Dynamic load:	3769 lb (1713 kg)
Max Static Moment:	7,3 in-lb (84,2 kgmm)	Lube schedule:	Lubricated for life

ELECTRICAL CHARACTERISTICS

			in-lb	Nm
Nominal input voltage:	230	400	5,8	0,65
Nominal current (amps):	0,71	0,41	12,6	1,41
Start current (amps):	1,66	0,96	12,9	1,45
Start/Nom. current ratio:	2,34		2,17	
Input power (watts):	170		2,23	
Output power (hp):	0,13		1,05	
Service Factor:	1,0		continuous	
Efficiency:	57%		40°C (104 F)	
Slip:	7%		Inertia kgm ² (lb-ft ²):	0,02440 0,6766
Power factor:	0,60		Inverter Duty:	20Hz to 50Hz
Coil resist (Ω @ 20°C):	TBD		Operating Temp. Code:	N/A
Insulation class:	F		Capacitance (μF):	N/A
Locked Rotor Code:	F			

Type A



	in.	mm
A:	11,85	301
B:	6,73	171
C:	5,98	152
D:	3,54	90
E:	4,92	125
ØG:	0,51	13
F:	1,10	28
H:	2,87	73
I:	3,03	77
L:	5,00	127
M:	5,04	128
N:	5,55	141

External cable diam.:	6,5-12mm
Serv. length req.per side:	0,256-0,472 inch
Mounting bolts:	77 mm (3,03 inch)
Mounting bolt torque:	1/2" - (M12)
	58 ft-lb (8 kgm)