

VIBRATOR TECHNICAL DATA SHEET

MODEL: MVSI 15/3810-S02 230/460V 60Hz 3PH

SERIE: AD FRAME SIZE: 70 P/N: 601221C

IP66

RPM 1800

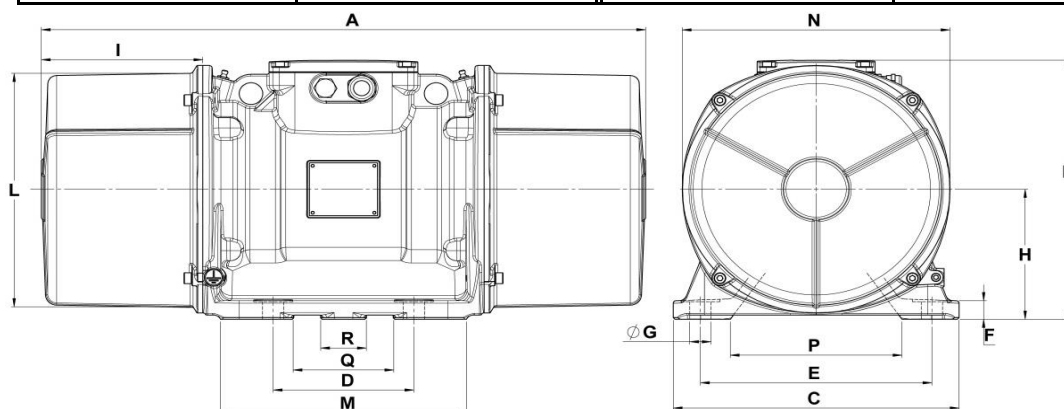
MECHANICAL CHARACTERISTICS

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	1034	89,9	3744	8237	36,72	18171	43570
90	931	80,9	3370	7413	33,04	25806	61878
80	827	71,9	2995	6589	29,37	38239	91688
70	724	62,9	2621	5766	25,70	59649	>100000
60	620	53,9	2246	4942	22,03	99799	>100000
50	517	45,0	1872	4118	18,36	>100000	>100000
40	414	36,0	1498	3295	14,69	>100000	>100000
30	310	27,0	1123	2471	11,01	>100000	>100000
20	207	18,0	749	1647	7,34	>100000	>100000
10	103	9,0	374	824	3,67	>100000	>100000

Weight:	106 kg (234 lb)	Bearing:	NJ 2311 E C4
Working Moment:	207 kgcm (180 in-lb)	Dynamic load:	52045 lb (23657 kg)
Max Static Moment:	1034 kgmm (89,9 in-lb)	Lube schedule:	3500 hours

ELECTRICAL CHARACTERISTICS

			in-lb	Nm
Nominal input voltage:	230	460	101	11,3
Nominal current (amps):	7,8	3,9	278	31,2
Start current (amps):	54,0	27,0	351	39,4
Start/Nom. current ratio:	6,92		2,76	
Input power (watts):	2500		3,48	
Output power (hp):	2,8		1,6	
Service Factor:	1,0		continuous	
Efficiency:	83%		+40°C (104 F)	
Slip:	3%		Inertia (kgm² lb-ft²):	0,7250 20,103
Power factor:	0,80		Inverter Duty:	20Hz to 60Hz
Coil resist (Ω @ 20°C):	2,4		Operating Temp. Code:	N/A
Insulation class:	F		Capacitance (μF):	N/A
Locked Rotor Code:	J			



	in.	mm
A:	22,99	584
B:	12,17	309
C:	12,40	315
D:	6,10	155
E:	10,04	255
ØG:	0,93	23,5
F:	0,87	22
H:	6,10	155
I:	5,39	137
L:	10,91	277
M:	10,67	271
N:	11,61	295
P:	7,44	189
Q:	4,29	109
R:	1,97	50

External cable diam.:	9-16mm
Serv. length req.per side:	0,354-0,630 inch
Mounting bolts:	M22 - (7/8")
Mounting bolt torque:	56 kgm (513 ft-lb)