

VIBRATOR TECHNICAL DATA SHEET

MODEL: MVSI 15/900-S02 230/400V 50Hz 3PH

SERIE: AC FRAME SIZE: 30 P/N: 601513A

RPM 1500

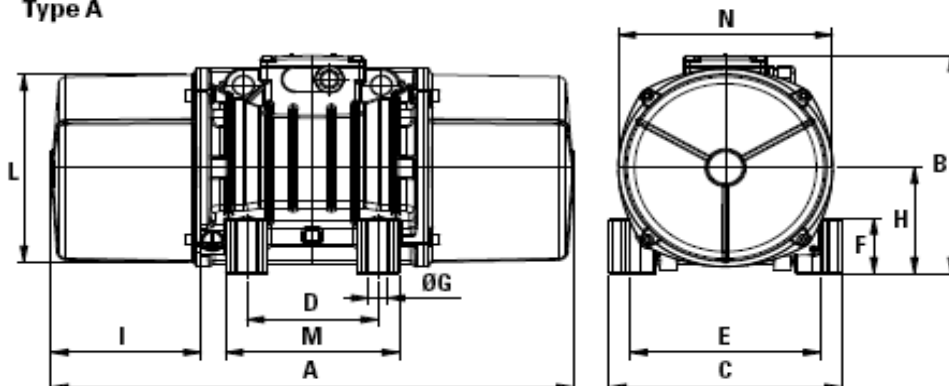
MECHANICAL CHARACTERISTICS

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	357	31,0	900	1980	8,83	9960	21882
90	321	27,9	810	1782	7,94	13663	30017
80	286	24,8	720	1584	7,06	19453	42739
70	250	21,7	630	1386	6,18	29038	63797
60	214	18,6	540	1188	5,30	46112	>100000
50	179	15,5	450	990	4,41	79681	>100000
40	143	12,4	360	792	3,53	>100000	>100000
30	107	9,3	270	594	2,65	>100000	>100000
20	71,4	6,2	180	396	1,77	>100000	>100000
10	35,7	3,1	90	198	0,88	>100000	>100000
Weight:			63,9 lb (29 kg)		Bearing:		
Working Moment:			62,0 in-lb (71,4 kgcm)		Dynamic load:		
Max Static Moment:			31,0 in-lb (357 kgmm)		Lube schedule:		
					6309.2Z.C4		
					12406 lb (5639kg)		
					Lubricated for life		

ELECTRICAL CHARACTERISTICS

				in-lb	Nm
Nominal input voltage:	230	400	Nominal torque:	24,08	2,70
Nominal current (amps):	1,59	0,92	Start torque:	49,77	5,58
Start current (amps):	5,5	3,2	Maximum torque:	55,30	6,20
Start/Nom. current ratio:	3,48		Start/nom. torque ratio:	2,07	
Input power (watts):	525		Max/nom. torque ratio:	2,30	
Output power (hp):	0,51		Starting time (sec):	1,21	
Service Factor:	1,0		Duty cycle:	continuous	
Efficiency:	72%		Max. Ambient Temp.:	+40°C (104 F)	
Slip:	9%		Inertia kgm ² (lb-ft ²):	0,10850	3,0087
Power factor:	0,82		Inverter Duty:	20Hz to 50Hz	
Coil resist (Ω @ 20°C):	25		Operating Temp. Code:	N/A	
Insulation class:	F		Capacitance (μF):	N/A	
Locked Rotor Code:	D				

Type A



	in.	mm
A:	15,51	394
B:	8,31	211
C:	8,07	205
D:	4,72	120
E:	6,69	170
ØG:	0,67	17
F:	1,77	45
H:	3,68	93
I:	4,17	106
L:	6,69	170
M:	6,85	174
N:	7,17	182

External cable diam.:	9-16 mm
Serv. length req.per side:	106 mm (4,17 inch.)
Mounting bolts:	M16 - (5/8")
Mounting bolt torque:	19 kgm (137 ft-lb)