

VIBRATOR TECHNICAL DATA SHEET

MODEL: MVSI 3/3200-S02 230/400V 50Hz 3PH

SERIE: AB FRAME SIZE: AF70 P/N: 600470A

IP66

RPM 3000

MECHANICAL CHARACTERISTICS

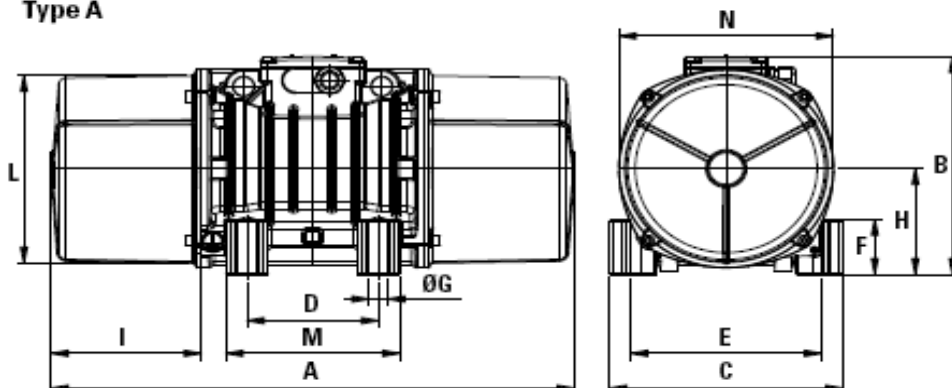
Weights Position	Static moment		Centrifugal Force			Bearing Life w/1.3 Load Factor	Bearing Life w/1.0 Load Factor
	kgmm	in.-lb	kg	lb	kN		
100	344	29,9	3457	7605	33,90	14223	34103
98	337	29,3	3388	7453	33,22	15211	36473
94	323	28,1	3250	7149	31,87	17473	41896
87	299	26,0	3008	6617	29,49	22614	54224
77	265	23,0	2662	5856	26,10	33985	81488
64	220	19,1	2212	4867	21,70	63003	>100000
50	172	15,0	1729	3803	16,95	>100000	>100000
34	117	10,2	1175	2586	11,53	>100000	>100000
17	58	5,1	588	1293	5,76	>100000	>100000

Weight:	94 kg (207 lb)	Bearing:	NJ 2311 E C4
Working Moment:	68,8 kgcm (59,8 in.-lb)	Dynamic load:	52045 lb (23657 kg)
Max Static Moment:	344 kgmm (29,9 in.-lb)	Lube schedule:	1000 hours

ELECTRICAL CHARACTERISTICS

			in.-lb	Nm
Nominal input voltage:	230	400	100	11,2
Nominal current (amps):	11,3	6,5	181	20,3
Start current (amps):	50,4	29,0	232	26,0
Start/Nom. current ratio:	4,46		1,81	
Input power (watts):	4000		2,33	
Output power (hp):	4,5		1,5	
Service Factor:	1,0		continuous	
Efficiency:	84%		+40°C (104 F)	
Slip:	6%		Inertia (lb-ft²):	0,2347 6,5077
Power factor:	0,89		Inverter Duty:	20Hz to 50Hz
Coil resist (Ω @ 20°C):	2,06			
Insulation class:	F			
Locked Rotor Code:	D			

Type A



	in.	mm
A:	22,05	560
B:	11,42	290
C:	12,20	310
D:	6,10	155
E:	10,04	255
ØG:	0,98	25
F:	3,54	90
H:	5,12	130
I:	5,39	137
L:	9,37	238
M:	8,27	210
N:	9,96	253

External cable diam.:	9-16mm
Serv. length req.per side:	0,354-0,630 inch
Mounting bolts:	137mm (5,39 inch.)
Mounting bolt torque:	M24 - (15/16")
	71 kgm (513 ft.-lb)

Approvals and certifications

CE	UK CA	2014/35/UE, 2011/65/UE
		UK SI 2016 No. 1101
cSP-us		CSA C22.2 N°100-95 Class 4211 01
		Class II, Div. 2, Gr.FG, T3B
EAC		TR CU 010/2011
		EA3C N RU Д-IT.HX37.B.10628/20