

VIBRATOR TECHNICAL DATA SHEET

MODEL: MVSI 15/9500-S02 230/400V 50Hz 3PH

SERIE: AB FRAME SIZE: 97 P/N: 601204A

IP66

RPM 1500

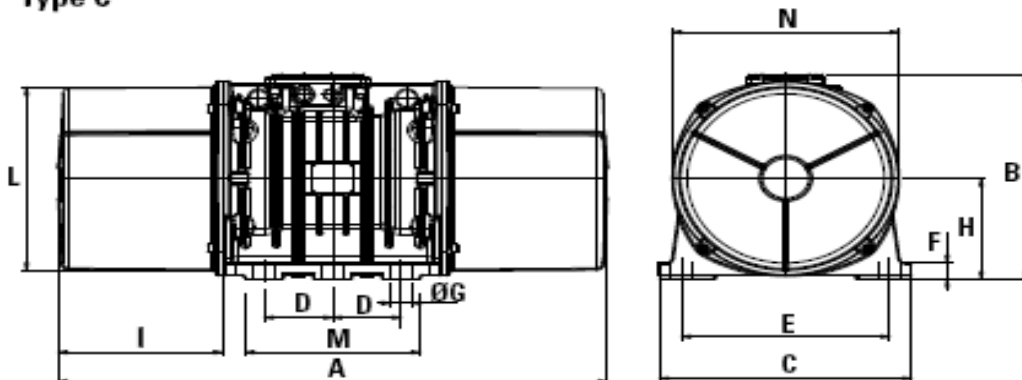
MECHANICAL CHARACTERISTICS

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	3346	291	8416	18515	82,5	18949	45437
90	3011	262	7574	16664	74,3	26927	64566
80	2677	233	6733	14812	66,0	39864	95586
70	2342	204	5891	12961	57,8	62228	>100000
60	2008	175	5050	11109	49,5	>100000	>100000
50	1673	145	4208	9258	41,3	>100000	>100000
40	1338	116	3366	7406	33,0	>100000	>100000
30	1004	87	2525	5555	24,8	>100000	>100000
20	669	58	1683	3703	16,5	>100000	>100000
10	335	29	842	1852	8,25	>100000	>100000
Weight:			306 kg (675 lbs)			Bearing:	
Working Moment:			669 kgcm (582 in.-lb)			NJ 2318 E C4	
Max Static Moment:			3346 kgmm (291 in.-lb)			Dynamic load:	
						112420 lb (50984 kg)	
						Lube schedule:	
						1300 hours	

ELECTRICAL CHARACTERISTICS

				in.-lb	Nm
Nominal input voltage:	230	400	Nominal torque:	351	39,4
Nominal current (amps):	21,1	12,2	Start torque:	700	78,5
Start current (amps):	138	80,0	Maximum torque:	1061	119
Start/Nom. current ratio:	6,56		Start/nom. torque ratio:	1,99	
Input power (watts):	7500		Max/nom. torque ratio:	3,02	
Output power (hp):	8,0		Starting time (sec):	2,27	
Service Factor:	1,0		Duty cycle:	continuous	
Efficiency:	80%		Max. Ambient Temp.:	+40°C (104 F)	
Slip:	3%		Inertia (kgm ² lb-ft ²):	3,08527	85,5545
Power factor:	0,89		Inverter Duty:	20Hz to 50Hz	
Coil resist (Ω @ 20°C):	0,77				
Insulation class:	F				
Locked Rotor Code:	H				

Type C



	in.	mm
A:	33,94	862
B:	17,05	433
C:	18,11	460
D:	4,92	125
E:	14,96	380
ØG:	1,54	39
F:	1,38	35
H:	8,46	215
I:	6,85	230
L:	15,24	386
M:	12,60	325
N:	16,30	414

External cable diam.:	13-20mm
Service length req.per side:	0,512-0,787 inch
Mounting bolts:	230 mm (6,85 inch)
Mounting bolt torque:	M36 - (1-1/2")
	190 kgm (1800 ft.-lb)

Approvals and certifications

CE	IECEx	UK CA	ATEX 2014/34/UE - IECEx - UK SI
			II2D Ex tb IIIC T135°C Db
			TR CU 012/2011
			Cert. N° RU C-IT.HB07.B.00614/22
			Ex tD A21 IP66 T135°C
			Cert. N. 2020322301003125