

## VIBRATOR TYPE: M3/105-S02 230 VOLTS SINGLE PHASE 50 Hz

ACBMV B. CASADIO VIBRATION  
 Z.I. Mi-Plaine  
 51 Rue Ampère  
 B.P. 31  
 69682 CHASSIEU CEDEX (FRANCE)  
 Tel.: 04 78 90 87 87 / Fax.: 04 78 90 87 88  
 Email: [vibrateur@orange.fr](mailto:vibrateur@orange.fr)  
 Internet: [acbm.com](http://acbm.com)

2 POLES - 3000 RPM      ATEX II 2D tD A21 IP 66 ZONE 21-22  
 REF.: 600465M              Dust T°=120°C  
 SIZE: 00

Certifications:



### MECHANICAL AND ELECTRICAL SPECIFICATIONS

Eccentric weight setup (%)	Static moment (kgmm)	Working moment (kgcm)	Centrifugal force (kg)	Centrifugal force (kN)	Estimated bearings life time (hours)
100	9,64	1,93	97	0,95	39638
90	8,68	1,74	87	0,86	54938
80	7,71	1,54	78	0,76	76233
70	6,75	1,35	68	0,67	>100000
60	5,78	1,16	58	0,57	>100000
50	4,82	0,96	49	0,48	>100000
40	3,86	0,77	39	0,38	>100000
30	2,89	0,58	29	0,29	>100000
20	1,93	0,39	19	0,19	>100000
10	0,96	0,19	10	0,10	>100000

Power supply (volts)	230
Phases:	single phase
Frequency (Hz)	50 Hz
Rotation speed (RPM)	3000
Max input power (watt)	165
Max current (amp)	0,75
IS/IR	1,67

### DIMENSIONAL SPECIFICATIONS (mm)

**Vibrator weight: 5,2 kg**

Continual service ambient temperature: -20°C à +40°C - Tropicalization anti-mold - Mechanical protection: IP66 IK08 according to IEC

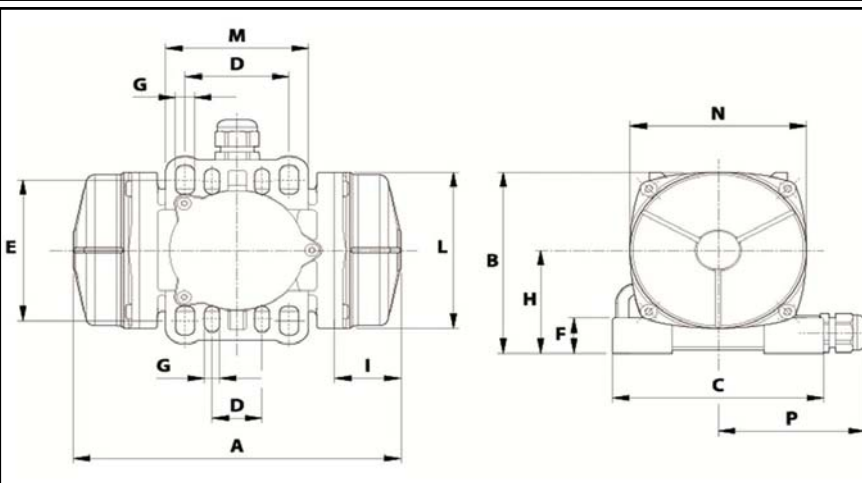
Bearing type: BALL

Lubrication "FOR LIFE" with double protection screen

Fixing with 4 screws M8 - 5/16" quality 8.8 with tightening torque (kgm - ft/lb): 2.30 - 16.50

Power supply cable size: 6.5 à 12 mm - Cable entry thread: M20x1,5

Maintenance space: 47 mm



A	211
B	123
C	127
D	30-60
E	85-100
F	24
G	9
N° HOLES	4
H	70
I	47
L	106
M	86
N	106
P	88,5