

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: [vibreur@orange.fr](mailto:vibreur@orange.fr)  
Internet: [acbm.com](http://acbm.com)

4 POLES - 1500 RPM ATEX II 2G,D - Classe Ex e II T4/T3 tD A21 IP 66 ZONE 1-2 / 21-22  
REF.: 6E1381A Gas T°=T3-T4 Dust T°=135°C  
SIZE: 70

Certifications:



### MECHANICAL AND ELECTRICAL SPECIFICATIONS

| Eccentric weight setup (%) | Centrifugal force weight up/down (kg) | Static moment weight | Centrifugal force weight up/down (kN) | Static moment weight up (kgmm) | Estimated bearings life time (hours) | Power supply (volts)   | 400                                                           |
|----------------------------|---------------------------------------|----------------------|---------------------------------------|--------------------------------|--------------------------------------|------------------------|---------------------------------------------------------------|
| 100                        | 1908/707                              | 280                  | 18,72/6,94                            | 757                            | 3000                                 | Phases:                | three phases                                                  |
| 90                         | 1717,2/636,3                          | 252,00               | 16,85/6,25                            | 681,30                         | 4262                                 | Frequency (Hz)         | 50 Hz                                                         |
| 80                         | 1526,4/565,6                          | 224,00               | 14,98/5,55                            | 605,60                         | 6312                                 | Rotation speed (RPM)   | 1500                                                          |
| 70                         | 1335,6/494,9                          | 196,00               | 13,10/4,86                            | 529,90                         | 9851                                 | Max input power (watt) | Input:<br>T3=2200<br>T4=1850<br>Rating:<br>T3=1780<br>T4=1500 |
| 60                         | 1144,8/424,2                          | 168,00               | 11,23/4,16                            | 454,20                         | 16467                                | Max current (amp)      | T3=3,71<br>T4=3,14                                            |
| 50                         | 954/353,5                             | 140,00               | 9,36/3,47                             | 378,50                         | 30238                                | IS/IR                  | T3=7,17<br>T4=8,42                                            |
| 40                         | 763,2/282,8                           | 112,00               | 7,49/2,78                             | 302,80                         | 63619                                |                        |                                                               |
| 30                         | 572,4/212,1                           | 84,00                | 5,62/2,08                             | 227,10                         | >100000                              |                        |                                                               |
| 20                         | 381,6/141,4                           | 56,00                | 3,74/1,39                             | 151,40                         | >100000                              |                        |                                                               |
| 10                         | 190,8/70,7                            | 28,00                | 1,87/0,69                             | 75,70                          | >100000                              |                        |                                                               |

### DIMENSIONAL SPECIFICATIONS (mm)

#### Vibrator weight: 100 kg

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

Bearing type: ROLLER

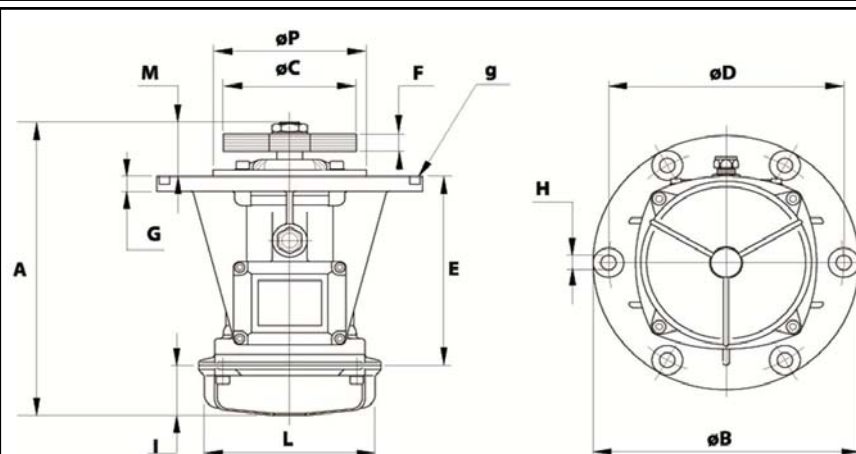
Lubrication LONG-LIFE with KLUEBER STABURAGS NBU 8EP.

Re lubrication quantity after 1000 hours of using: 52g

Max quantity by replaced bearing: 26g

Fixing with 6 screws M20 - 13/16" quality 8.8 with tightening torque (kgm - ft/lb): 38 - 275

Power supply cable size: 9 à 16 mm - Cable entry thread: M25x1,5



|          |                       |
|----------|-----------------------|
| A        | 614                   |
| B        | 410                   |
| C        | 250 (50Hz) 244 (60Hz) |
| D        | 350                   |
| H        | 22                    |
| N° TROUS | 6                     |
| E        | 310                   |
| F        | 78 (50Hz) 58 (60Hz)   |
| G        | 20                    |
| I        | 178                   |
| L        | 280                   |
| M        | 125,5                 |
| P        | 234                   |
|          |                       |
|          |                       |