

## VIBRATOR TYPE: MVS1 10/2100E-S08 230/400 VOLTS THREE PHASES 50 Hz

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2 POLES - 3000 RPM      ATEX II 2G,D - Classe Ex e II T4/T3 tD A21 IP 66 ZONE 1-2 / 21-22  
 REF.: 6E2407A              Gas T°=T3-T4 Dust T°=135°C  
 SIZE: 60

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                        | 1927,00              | 385,40                | 2154                   | 21,10                  | 18227                                |
| 90                         | 1734,30              | 346,86                | 1939                   | 18,99                  | 25879                                |
| 80                         | 1541,60              | 308,32                | 1723                   | 16,88                  | 38363                                |
| 70                         | 1348,90              | 269,78                | 1508                   | 14,77                  | 59822                                |
| 60                         | 1156,20              | 231,24                | 1292                   | 12,66                  | >100000                              |
| 50                         | 963,50               | 192,70                | 1077                   | 10,55                  | >100000                              |
| 40                         | 770,80               | 154,16                | 862                    | 8,44                   | >100000                              |
| 30                         | 578,10               | 115,62                | 646                    | 6,33                   | >100000                              |
| 20                         | 385,40               | 77,08                 | 431                    | 4,22                   | >100000                              |
| 10                         | 192,70               | 38,54                 | 215                    | 2,11                   | >100000                              |

|                        |   |
|------------------------|---|
| Power supply (volts)   | 400   |
| Phases:                | three phases  |
| Frequency (Hz)         | 50 Hz   |
| Rotation speed (RPM)   | 1000  |
| Max input power (watt) | Input:<br>T3=1500<br>T4=1050<br>Rating:<br>T3=940<br>T4=750 |
| Max current (amp)      | T3=2,85<br>T4=2,19  |
| IS/IR                  | T3=4,5<br>T4=4,89   |

### DIMENSIONAL SPECIFICATIONS (mm)

**Vibrator weight: 93,0 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.

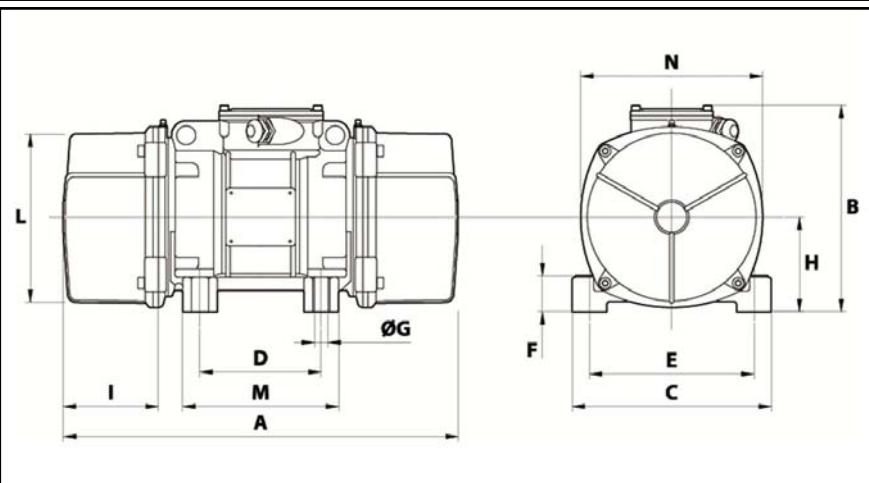
Re lubrication quantity after 1000 hours of using: 14g

Max quantity by replaced bearing: 30g

Fixing with 4 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

Maintenance space: 177 mm



|          |     |
|----------|-----|
| A        | 617 |
| B        | 272 |
| C        | 275 |
| D        | 155 |
| E        | 225 |
| F        | 70  |
| G        | 22  |
| N° HOLES | 4   |
| H        | 70  |
| I        | 177 |
| L        | 238 |
| M        | 210 |
| N        | 253 |