



- » II3 D Ex tD A22 Tx IP66
- » TUV NORD Statement Conformity Number TUV 05 ATEX 2768X
- » Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
- » Compliance with Essential Health and Safety Requirements
- » IEC 60079-10-2



## MVE STANDARD RANGE



### 2 POLES SINGLE-PHASE – 3000/3600 rpm



| Wm<br>(kgcm) |      | Model      |      | Centrifugal<br>Force<br>(kg) |      | Weight<br>(kg) |      | ELECTRICAL SPECIFICATIONS |      |                             |                |         |      |                |                |                |  | CERTIFICATE       |                |
|--------------|------|------------|------|------------------------------|------|----------------|------|---------------------------|------|-----------------------------|----------------|---------|------|----------------|----------------|----------------|--|-------------------|----------------|
|              |      |            |      |                              |      |                |      | Input<br>Power<br>(kW)    |      | Nominal<br>Current<br>A max |                | Ia / In |      | Cable<br>Gland | Capacitor *    |                |  | Class II<br>Div.2 | Ex<br>II3D     |
| 50Hz         | 60Hz | 50Hz       | 60Hz | 50Hz                         | 60Hz | 50Hz           | 60Hz | 50Hz                      | 60Hz | 50Hz<br>(230V)              | 60Hz<br>(115V) | 50Hz    | 60Hz | Metric         | 50Hz<br>(230V) | 60Hz<br>(115V) |  | Temp.<br>Class    | Temp.<br>Class |
| 1.31         | 0.98 | MVE 60/3M  |      | 66                           | 71   | 4.2            |      | 0.08                      | 0.09 | 0.43                        | 3.0            | 3.0     | 3.0  | M16            | 3 µF           | 6.3 µF         |  | T4                | 100°C          |
| 1.96         | 1.31 | MVE 100/3M |      | 98                           | 95   | 4.6            |      | 0.1                       | 0.11 | 0.54                        | 3.0            | 3.0     | 3.0  | M16            | 4 µF           | 8 µF           |  | T4                | 100°C          |
| 3.72         | 2.61 | MVE 200/3M |      | 187                          | 189  | 7.0            |      | 0.18                      | 0.21 | 1.14                        | 3.30           | 3,3     | 3.30 | M20            | 8 µF           | 16 µF          |  | T4                | 100°C          |
| 3.72         | 2.61 | MVE 202/3M |      | 187                          | 189  | 7.2            |      | 0.18                      | 0.21 | 1.14                        | 3.30           | 3,3     | 3.30 | M20            | 8 µF           | 16 µF          |  | T4                | 100°C          |
| 6.39         | 4.46 | MVE 300/3M |      | 321                          | 323  | 9.8            |      | 0.27                      | 0.28 | 1.58                        | 3.50           | 3.60    | 3.50 | M20            | 12.5 µF        | 25 µF          |  | T4                | 100°C          |

\* NOTE: Capacitor not supplied with vibrator (to be ordered separately)

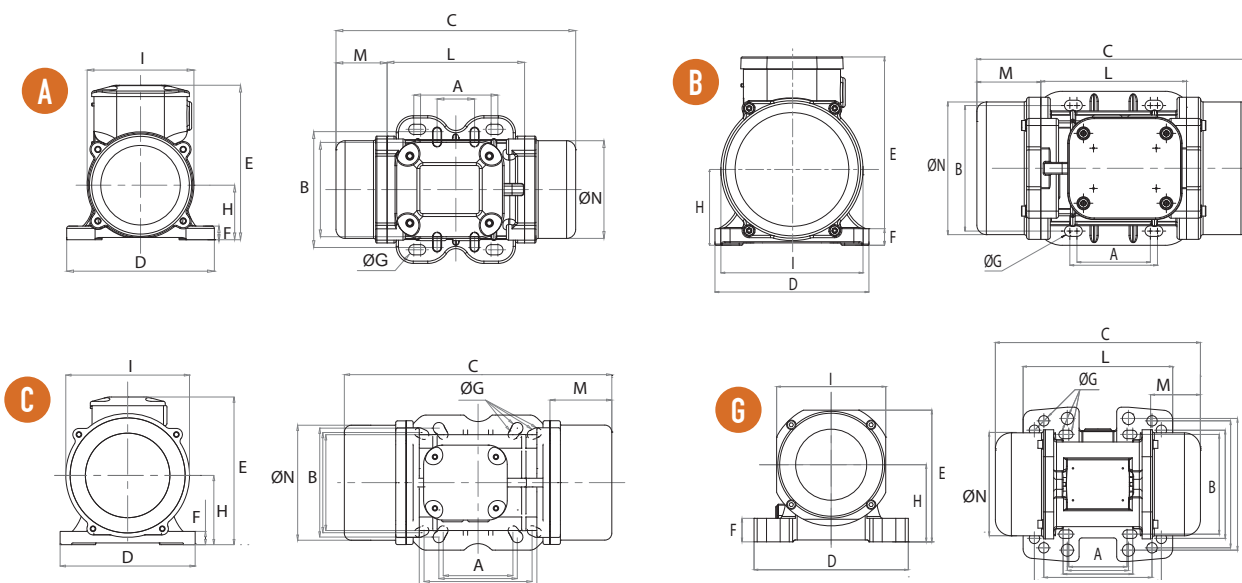
To convert kg into Newton:  $N = 9.81 \cdot kg$



» Declaration of conformity "type B" according to:  
2006/95/EC - 2004/108/EC - 2006/42/EC - EN 60034-1



» Class II Div.2 Group F, G - T4 - NEMA 4  
» Conform to UL 1836, UL1004-1 Cert. CSA C22.2 N. 25, 100, 145  
» Intertek ETL - SEMCO File Number 3177001



|            |  |         | DIMENSIONAL SPECIFICATIONS (mm) |            |      |                    |      |                            |   |     |       |     |     |     |     |     |     |     |
|------------|--|---------|---------------------------------|------------|------|--------------------|------|----------------------------|---|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| Model      |  | Drawing | Size                            | C          |      | M                  |      | A                          | B | Ø G | Holes | D   | E   | F   | H   | I   | L   | N   |
|            |  |         |                                 | 50Hz       | 60Hz | 50Hz               | 60Hz |                            |   |     | N°    |     |     |     |     |     |     |     |
| MVE 60/3M  |  | A       | 10                              | 211        |      | 45                 |      | Multiple Footprint         |   |     | 4     | 130 | 136 | 12  | 48  | 94  | 121 | 85  |
| MVE 100/3M |  | A       | 10                              | 211        |      | 45                 |      | 62-74 106 9<br>33 83-102 7 |   |     | 4     | 130 | 136 | 12  | 48  | 94  | 121 | 85  |
| MVE 200/3M |  | B       | 20                              | 231        |      | 54                 |      | 62-74 106 9                |   |     | 4     | 131 | 159 | 15  | 64  | 121 | 123 | 112 |
| MVE 202/3M |  | G       | 23                              | 218        | 53   | Multiple Footprint |      |                            | 4 | 164 | 140   | 25  | 82  | 116 | 159 | 110 |     |     |
|            |  |         |                                 |            |      | 80 110 11          |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 |            |      | 90 125 13          |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 |            |      | 124 110 11         |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 | 135 115 11 |      |                    |      |                            |   |     |       |     |     |     |     |     |     |     |
| MVE 300/3M |  | C       | 30                              | 273        | 55   | Multiple Footprint |      |                            | 4 | 154 | 175   | 15  | 79  | 142 | 163 | 131 |     |     |
|            |  |         |                                 |            |      | 62-74 106 9        |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 |            |      | 65 140 13          |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 |            |      | 115 135 11         |      |                            |   |     |       |     |     |     |     |     |     |     |
|            |  |         |                                 | 135 115 11 |      |                    |      |                            |   |     |       |     |     |     |     |     |     |     |

STANDARD

INCREASED SAFETY

EXPLOSION PROOF

HI-STROKE MILLING

NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

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