

# موتور ویبره—3000rpm OLI



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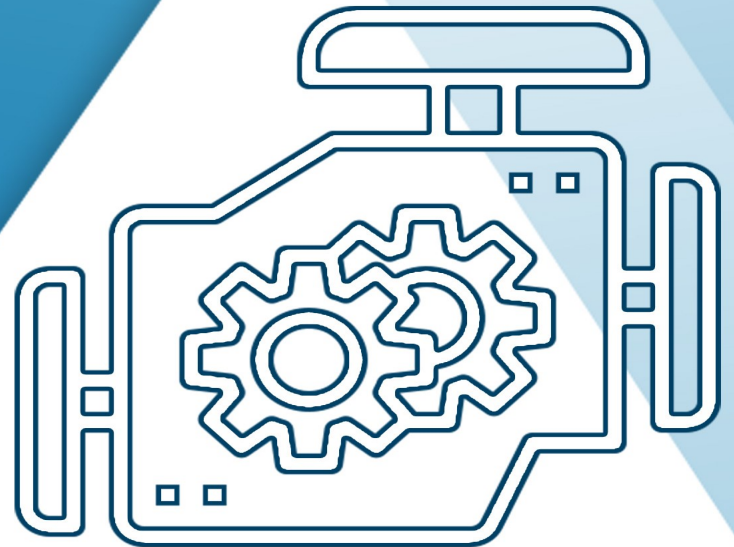


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Catalog 2021



## Vibration motor



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Vibration motor

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# MVE STANDARD RANGE

## 2 POLES – 3000/3600 rpm



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| Wm<br>(kgcm) |       | Model            |                   | Centrifugal<br>Force<br>(kg) |       | Weight<br>(kg) |      | ELECTRICAL SPECIFICATIONS |      |                               |                |       |      |                | CERTIFICATE       |                |
|--------------|-------|------------------|-------------------|------------------------------|-------|----------------|------|---------------------------|------|-------------------------------|----------------|-------|------|----------------|-------------------|----------------|
|              |       |                  |                   |                              |       |                |      | Input<br>Power<br>(kW)    |      | Nominal Current<br>A max. (Y) |                | Ia/In |      | Cable<br>Gland | Class II<br>Div.2 | II 2D          |
| 50Hz         | 60Hz  | 50Hz             | 60Hz              | 50Hz                         | 60Hz  | 50Hz           | 60Hz | 50Hz                      | 60Hz | 50Hz<br>(400V)                | 60Hz<br>(460V) | 50Hz  | 60Hz | Metric         | Temp.<br>Class    | Temp.<br>Class |
| 1.3          | 1.0   | MVE 60/3E-10A0   | MVE 60/36E-10A0   | 66                           | 71    | 4              |      | 0.09                      | 0.09 | 0.25                          | 0.23           | 3.2   | 3.2  | M16            | T4                | 100 °C         |
| 2.0          | 1.3   | MVE 100/3E-10A0  | MVE 100/36E-10A0  | 98                           | 95    | 5              |      | 0.09                      | 0.09 | 0.25                          | 0.23           | 3.2   | 3.2  | M16            | T4                | 100 °C         |
| 3.7          | 2.6   | MVE 200/3E-20A0  | MVE 200/36E-20A0  | 187                          | 189   | 7              |      | 0.15                      | 0.18 | 0.35                          | 0.30           | 3.5   | 3.5  | M20            | T4                | 100 °C         |
| 3.7          | 2.6   | MVE 200/3E-23A0  | MVE 200/36E-23A0  | 187                          | 189   | 7              |      | 0.15                      | 0.18 | 0.35                          | 0.30           | 3.5   | 3.5  | M20            | T4                | 100 °C         |
| 6.4          | 4.5   | MVE 300/3E-30A0  | MVE 300/36E-30A0  | 321                          | 323   | 10             |      | 0.25                      | 0.28 | 0.52                          | 0.45           | 3.8   | 3.7  | M20            | T4                | 100 °C         |
| 8.0          | 5.7   | MVE 400/3E-30A0  | MVE 400/36E-30A0  | 407                          | 411   | 10             |      | 0.27                      | 0.33 | 0.58                          | 0.60           | 3.7   | 3.7  | M20            | T4                | 100 °C         |
| 10.3         | 7.4   | MVE 500/3E-40A0  | MVE 500/36E-40A0  | 530                          | 534   | 16             |      | 0.50                      | 0.58 | 0.96                          | 0.97           | 4.2   | 4.4  | M20            | T4                | 135 °C         |
| 14.9         | 10.6  | MVE 700/3E-40A0  | MVE 700/36E-40A0  | 758                          | 765   | 17             |      | 0.59                      | 0.61 | 1.25                          | 1.24           | 4.5   | 5.2  | M20            | T4                | 135 °C         |
| 15.7         | 11.1  | MVE 800/3E-50A0  | MVE 800/36E-50A0  | 794                          | 800   | 20             |      | 0.70                      | 0.84 | 1.45                          | 1.50           | 4.0   | 4.0  | M20            | T4                | 135 °C         |
| 20.3         | 14.0  | MVE 1200/3E-50A0 | MVE 1200/36E-50A0 | 1,005                        | 1,013 | 21             |      | 0.95                      | 1.15 | 1.85                          | 1.95           | 4.6   | 4.7  | M20            | T4                | 135 °C         |
| 26.6         | 18.6  | MVE 1300/3E-50A0 | MVE 1300/36E-50A0 | 1,355                        | 1,365 | 22             |      | 1.30                      | 1.38 | 2.44                          | 2.25           | 5.4   | 5.2  | M20            | T4                | 135 °C         |
| 26.6         | 18.6  | MVE 1300/3E-51A0 | MVE 1300/36E-51A0 | 1,355                        | 1,365 | 22             |      | 1.30                      | 1.38 | 2.44                          | 2.25           | 5.4   | 5.2  | M20            | T4                | 135 °C         |
| 31.3         | 22.2  | MVE 1600/3E-60A0 | MVE 1600/36E-60A0 | 1,601                        | 1,608 | 51             | 50   | 1.54                      | 1.60 | 2.94                          | 2.61           | 6.1   | 6.4  | M25            | T4                | 135 °C         |
| 36.8         | 27.6  | MVE 2000/3E-60A0 | MVE 2000/36E-60A0 | 2,027                        | 1,997 | 52             | 50   | 2.10                      | 2.10 | 3.75                          | 3.42           | 6.7   | 6.6  | M25            | T4                | 135 °C         |
| 46.0         | 31.9  | MVE 2300/3E-60A0 | MVE 2300/36E-60A0 | 2,302                        | 2,306 | 53             | 51   | 2.40                      | 2.45 | 4.44                          | 3.45           | 6.2   | 6.5  | M25            | T4                | 135 °C         |
| 68.1         | 43.9  | MVE 3200/3E-75A1 | MVE 3200/36E-75A1 | 3,252                        | 3,176 | 103            | 101  | 2.76                      | 2.90 | 5.30                          | 4.61           | 8.5   | 8.4  | M32            | T4                | 135 °C         |
| 79.4         | 56.0  | MVE 4000/3E-75A1 | MVE 4000/36E-75A1 | 4,033                        | 4,052 | 107            | 104  | 2.90                      | 2.90 | 5.30                          | 4.61           | 8.7   | 9.9  | M32            | T4                | 135 °C         |
| 103.2        | 69.8  | MVE 5000/3E-75A1 | MVE 5000/36E-75A1 | 5,009                        | 5,048 | 111            | 106  | 4.00                      | 4.00 | 7.22                          | 6.28           | 8.7   | 10.0 | M32            | T4                | 135 °C         |
|              |       |                  |                   |                              |       |                |      | A max. (Δ)                |      |                               |                |       |      |                |                   |                |
| 129.6        | 90.5  | MVE 6500/3E-85A0 | MVE 6500/36E-85A0 | 6,510                        | 6,552 | 228            | 230  | 5.23                      | 5.50 | 9.43                          | 8.20           | 8.7   | 9.0  | M32            | T4                | 135 °C         |
| 179.6        | 129.6 | MVE 9000/3E-85A0 | MVE 9000/36E-85A0 | 9,025                        | 9,375 | 240            | 235  | 9.50                      | 9.30 | 17.80                         | 14.40          | 8.6   | 8.8  | M32            | T4                | 135 °C         |
| 129.6        | 90.5  | MVE 6500/3E-86A0 | MVE 6500/36E-86A0 | 6,510                        | 6,552 | 228            | 230  | 5.50                      | 6.30 | 9.50                          | 9.50           | 8.2   | 7.7  | M32            | T4                | 135 °C         |
| 179.6        | 129.6 | MVE 9000/3E-86A0 | MVE 9000/36E-86A0 | 9,025                        | 9,375 | 240            | 235  | 6.60                      | 7.70 | 11.50                         | 11.50          | 8.2   | 8.2  | M32            | T4                | 135 °C         |



**UP TO SIZE 60 (NOT INCLUDED)**  
60Hz masses = 50Hz masses adjusted at 70%



**ABOVE SIZE 60 (INCLUDED)**  
Specific masses for 60Hz

To convert kg into Newton: **N = 9.81 · kg**



- » II2D Ex tb IIIC Tx Db IP66
- » Equipment and protective system intended for use in potentially explosive atmospheres [Zone 21] - Directive 2014/34/UE
- » Compliance with Essential Health and Safety Requirements
- » IEC 60034-1, IEC EN 60079-0, IEC EN 60079-31



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Technical drawings in the last page →

|                  |                   |         |      | 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 60/3E-10A0   | MVE 60/36E-10A0   | A1      | 10A0 | 213                             |      | 45   |      | Multiple Footprint<br>62-74 106 9<br>33 83-102 7                           |     |     | 4     | 130 | 135 | 11 | 50  | 96  | 107 | 85  |
| MVE 100/3E-10A0  | MVE 100/36E-10A0  | A1      | 10A0 | 213                             |      | 45   |      | Multiple Footprint<br>62-74 106 9<br>33 83-102 7                           |     |     | 4     | 130 | 135 | 11 | 50  | 96  | 107 | 85  |
| MVE 200/3E-20A0  | MVE 200/36E-20A0  | B1      | 20A0 | 233                             |      | 54   |      | 62-74                                                                      | 106 | 9   | 4     | 130 | 154 | 15 | 65  | 125 | 120 | 112 |
| MVE 200/3E-23A0  | MVE 200/36E-23A0  | G       | 23A0 | 222                             |      | 55   |      | Multiple Footprint<br>62-74 106 9<br>65 140 13<br>115 135 11<br>135 115 11 |     |     | 4     | 164 | 140 | 25 | 82  | 116 | 159 | 110 |
| MVE 300/3E-30A0  | MVE 300/36E-30A0  | C1      | 30A0 | 254                             |      | 42   |      | Multiple Footprint<br>80 110 11<br>90 125 13<br>124 110 11<br>135 115 11   |     |     | 4     | 150 | 173 | 15 | 79  | 150 | 166 | 134 |
| MVE 400/3E-30A0  | MVE 400/36E-30A0  | C1      | 30A0 | 274                             |      | 52   |      | Multiple Footprint<br>80 110 11<br>90 125 13<br>124 110 11<br>135 115 11   |     |     | 4     | 150 | 173 | 15 | 79  | 150 | 166 | 134 |
| MVE 500/3E-40A0  | MVE 500/36E-40A0  | D1      | 40A0 | 330                             |      | 78   |      | 105                                                                        | 140 | 13  | 4     | 170 | 196 | 20 | 92  | 169 | 166 | 158 |
| MVE 700/3E-40A0  | MVE 700/36E-40A0  | D1      | 40A0 | 330                             |      | 78   |      | 105                                                                        | 140 | 13  | 4     | 170 | 196 | 20 | 92  | 169 | 166 | 158 |
| MVE 800/3E-50A0  | MVE 800/36E-50A0  | D1      | 50A0 | 321                             |      | 62   |      | 120                                                                        | 170 | 17  | 4     | 208 | 210 | 22 | 96  | 185 | 192 | 170 |
| MVE 1200/3E-50A0 | MVE 1200/36E-50A0 | D1      | 50A0 | 321                             |      | 62   |      | 120                                                                        | 170 | 17  | 4     | 208 | 210 | 22 | 96  | 185 | 192 | 170 |
| MVE 1300/3E-50A0 | MVE 1300/36E-50A0 | D1      | 50A0 | 321                             |      | 62   |      | 120                                                                        | 170 | 17  | 4     | 208 | 210 | 22 | 96  | 185 | 192 | 170 |
| MVE 1300/3E-51A0 | MVE 1300/36E-51A0 | D1      | 51A0 | 310                             |      | 55   |      | 120                                                                        | 170 | 17  | 4     | 208 | 220 | 25 | 105 | 203 | 192 | 187 |
| MVE 1600/3E-60A0 | MVE 1600/36E-60A0 | D1      | 60A0 | 402                             |      | 90   |      | 140                                                                        | 190 | 17  | 4     | 230 | 260 | 26 | 124 | 240 | 218 | 222 |
| MVE 2000/3E-60A0 | MVE 2000/36E-60A0 | D1      | 60A0 | 402                             |      | 90   |      | 140                                                                        | 190 | 17  | 4     | 230 | 260 | 26 | 124 | 240 | 218 | 222 |
| MVE 2300/3E-60A0 | MVE 2300/36E-60A0 | D1      | 60A0 | 402                             |      | 90   |      | 140                                                                        | 190 | 17  | 4     | 230 | 260 | 26 | 124 | 240 | 218 | 222 |
| MVE 3200/3E-75A1 | MVE 3200/36E-75A1 | D1      | 75A1 | 516                             |      | 117  |      | 155                                                                        | 255 | 25  | 4     | 304 | 314 | 30 | 147 | 285 | 277 | 265 |
| MVE 4000/3E-75A1 | MVE 4000/36E-75A1 | D1      | 75A1 | 516                             |      | 117  |      | 155                                                                        | 255 | 25  | 4     | 304 | 314 | 30 | 147 | 285 | 277 | 265 |
| MVE 5000/3E-75A1 | MVE 5000/36E-75A1 | D1      | 75A1 | 564                             | 516  | 141  | 117  | 155                                                                        | 255 | 25  | 4     | 304 | 314 | 30 | 147 | 285 | 277 | 265 |
| MVE 6500/3E-85A0 | MVE 6500/36E-85A0 | D1      | 85A0 | 624                             |      | 130  |      | 200                                                                        | 320 | 28  | 4     | 385 | 402 | 40 | 203 | 394 | 360 | 378 |
| MVE 9000/3E-85A0 | MVE 9000/36E-85A0 | D1      | 85A0 | 624                             |      | 130  |      | 200                                                                        | 320 | 28  | 4     | 385 | 402 | 40 | 203 | 394 | 360 | 378 |
| MVE 6500/3E-86A0 | MVE 6500/36E-86A0 | D1      | 86A0 | 624                             |      | 130  |      | 200                                                                        | 320 | 28  | 4     | 385 | 402 | 40 | 203 | 394 | 360 | 378 |
| MVE 9000/3E-86A0 | MVE 9000/36E-86A0 | D1      | 86A0 | 624                             |      | 130  |      | 200                                                                        | 320 | 28  | 4     | 385 | 402 | 40 | 203 | 394 | 360 | 378 |

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

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» Class II Div.2 Group F, G T4  
» Conform to UL 1004-1, UL 1004-3, UL60079-31, UL60079-0, CSA 60079-0, CSA 60079- 31, CSA 22.2 N°100, CSA 22.2 N°77

STANDARD

INCREASED SAFETY

EXPLOSION-PROOF

HI-STROKE MILLING