

MVE-Exd EXPLOSION-PROOF



2 POLES - 3000/3600 rpm

| Wm (kgcm) | | Model | | Centrifugal Force (kg) | | Weight (kg) | | ELECTRICAL SPECIFICATIONS | | | | | | |
|-----------|------|------------------|-------------------|------------------------|-------|-------------|------|---------------------------|-------------|----------------------------|------|---------|-----|-----------------|
| | | | | | | | | Input Power (kW) | | Nominal Current A max. (Y) | | Ia / In | | Cable Gland |
| 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz (400V) | 60Hz (460V) | 50Hz | 60Hz | Metric | | |
| 15.7 | 11.1 | MVE 800/3D-50A0 | MVE 800/36D-50A0 | 794 | 800 | 40 | | 0.75 | 0.90 | 1.45 | 1.50 | 3.8 | 3.8 | 3/4" NPT 110 °C |
| 26.6 | 18.6 | MVE 1300/3D-50A0 | MVE 1300/36D-50A0 | 1,355 | 1,365 | 41 | | 1.10 | 1.10 | 2.00 | 2.75 | 5.2 | 5.0 | 3/4" NPT 110 °C |
| 31.3 | 22.2 | MVE 1600/3D-60A0 | MVE 1600/36D-60A0 | 1,601 | 1,608 | 63 | 62 | 1.57 | 1.60 | 2.94 | 2.61 | 5.9 | 6.2 | 3/4" NPT 110 °C |
| 36.8 | 27.6 | MVE 2000/3D-60A0 | MVE 2000/36D-60A0 | 2,027 | 1,997 | 64 | 63 | 1.25 | 1.40 | 3.20 | 2.80 | 6.5 | 6.4 | 3/4" NPT 110 °C |
| 46.0 | 31.9 | MVE 2300/3D-60A0 | MVE 2300/36D-60A0 | 2,302 | 2,306 | 65 | 63 | 1.25 | 1.40 | 3.20 | 2.80 | 6.0 | 6.3 | 3/4" NPT 110 °C |
| 68.1 | 43.9 | MVE 3200/3D-75A0 | MVE 3200/36D-75A0 | 3,252 | 3,176 | 105 | 103 | 3.00 | 3.00 | 5.20 | 4.60 | 8.3 | 8.2 | 3/4" NPT 110 °C |
| 79.4 | 56.0 | MVE 4000/3D-75A0 | MVE 4000/36D-75A0 | 4,033 | 4,052 | 108 | 104 | 3.00 | 3.00 | 5.20 | 4.60 | 8.5 | 9.7 | 3/4" NPT 110 °C |

4 POLES - 1500/1800 rpm

| Wm (kgcm) | | Model | | Centrifugal Force (kg) | | Weight (kg) | | ELECTRICAL SPECIFICATIONS | | | | | | |
|-----------|-------|-------------------|-------------------|------------------------|-------|-------------|------|---------------------------|-------------|----------------------------|------|---------|-----|-----------------|
| | | | | | | | | Input Power (kW) | | Nominal Current A max. (Y) | | Ia / In | | Cable Gland |
| 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz (400V) | 60Hz (460V) | 50Hz | 60Hz | Metric | | |
| 56.8 | 39.4 | MVE 700/15D-50A0 | MVE 700/18D-50A0 | 714 | 712 | 45 | | 0.55 | 0.66 | 1.00 | 1.00 | 3.0 | 3.2 | 3/4" NPT 110 °C |
| 88.7 | 56.8 | MVE 1100/15D-50A0 | MVE 1100/18D-50A0 | 1,114 | 1,028 | 52 | 45 | 0.60 | 0.68 | 1.27 | 1.50 | 3.8 | 3.8 | 3/4" NPT 110 °C |
| 108.6 | 76.7 | MVE 1400/15D-60A0 | MVE 1400/18D-60A0 | 1,364 | 1,388 | 73 | 70 | 0.75 | 1.00 | 1.67 | 1.80 | 4.0 | 4.0 | 3/4" NPT 110 °C |
| 137.3 | 92.0 | MVE 1700/15D-60A0 | MVE 1700/18D-60A0 | 1,725 | 1,664 | 76 | 61 | 1.00 | 1.20 | 1.95 | 2.00 | 4.7 | 4.5 | 3/4" NPT 110 °C |
| 187.7 | 137.4 | MVE 2400/15D-60A0 | MVE 2400/18D-60A0 | 2,358 | 2,485 | 78 | 72 | 1.25 | 1.40 | 2.80 | 2.70 | 4.9 | 4.9 | 3/4" NPT 110 °C |
| 203.5 | 135.6 | MVE 2500/15D-70A0 | MVE 2500/18D-70A0 | 2,557 | 2,454 | 99 | 93 | 1.50 | 1.60 | 2.70 | 2.60 | 6.0 | 6.1 | 3/4" NPT 110 °C |
| 248.7 | 169.8 | MVE 3000/15D-70A0 | MVE 3000/18D-70A0 | 3,124 | 3,071 | 105 | 97 | 1.65 | 1.90 | 2.80 | 2.70 | 6.5 | 6.6 | 3/4" NPT 110 °C |
| 306.7 | 204.7 | MVE 3800/15D-75A0 | MVE 3800/18D-75A0 | 3,853 | 3,704 | 136 | 125 | 2.30 | 2.25 | 4.10 | 3.96 | 6.8 | 6.8 | 3/4" NPT 110 °C |
| 193.0 | 193.0 | MVE 3811/15D-75A0 | MVE 3811/18D-75A0 | 2,425 | 3,492 | 136 | 125 | 2.30 | 2.25 | 4.10 | 3.96 | 6.8 | 6.8 | 3/4" NPT 110 °C |
| 343.2 | 240.9 | MVE 4300/15D-75A0 | MVE 4300/18D-75A0 | 4,312 | 4,359 | 140 | 130 | 2.40 | 2.60 | 4.30 | 4.10 | 7.0 | 7.2 | 3/4" NPT 110 °C |
| 437.4 | 303.7 | MVE 5500/15D-80A0 | MVE 5500/18D-80A0 | 5,495 | 5,495 | 193 | 183 | 3.10 | 3.10 | 5.70 | 5.30 | 7.1 | 7.0 | 3/4" NPT 110 °C |

SIZE 50A0



UP TO SIZE 50 (INCLUDED)
60Hz masses = 50Hz masses adjusted at 70%
Except for model MVE 1100/15D - 1100/18D

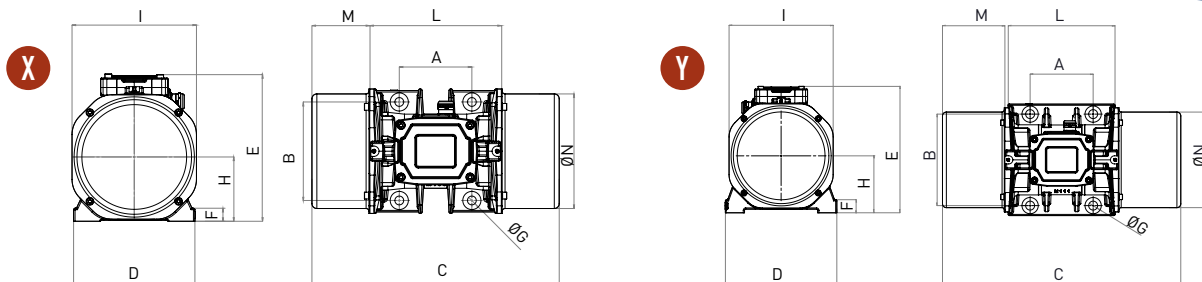


ABOVE SIZE 50 (NOT INCLUDED)
Specific masses for 60Hz

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



- » II 2 GD
- » Ex db IIB T4
- » Ex tb IIIC IP66 Tx
- » Compliance with Essential Health and Safety Requirements
- » IEC EN 60079-0, IEC EN 60079-31, IEC EN 60079-1



| Model | | Drawing | Size | DIMENSIONAL SPECIFICATIONS (MM) | | | | | | | | | | | | | | |
|------------------|-------------------|---------|------|---------------------------------|------|------|------|------|---|-----|-------|----|-----|-----|-----|-----|---|---|
| 50Hz | 60Hz | | | C | | M | | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | n° | | | | | | | |
| MVE 800/3D-50A0 | MVE 800/36D-50A0 | X | 50A0 | 332 | 63 | 120 | 170 | 17 | 4 | 209 | 251 | 27 | 103 | 185 | 205 | 165 | | |
| MVE 1300/3D-50A0 | MVE 1300/36D-50A0 | X | 50A0 | 332 | 63 | 120 | 170 | 17 | 4 | 209 | 251 | 27 | 103 | 185 | 205 | 165 | | |
| MVE 1600/3D-60A0 | MVE 1600/36D-60A0 | X | 60A0 | 477 | 111 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 2000/3D-60A0 | MVE 2000/36D-60A0 | X | 60A0 | 477 | 111 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 2300/3D-60A0 | MVE 2300/36D-60A0 | X | 60A0 | 477 | 111 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 3200/3D-75A0 | MVE 3200/36D-75A0 | Y | 75A0 | 540 | 118 | 155 | 255 | 23.5 | 4 | 302 | 330 | 30 | 150 | 280 | 304 | 265 | | |
| MVE 4000/3D-75A0 | MVE 4000/36D-75A0 | Y | 75A0 | 554 | 125 | 155 | 255 | 23.5 | 4 | 302 | 330 | 30 | 150 | 280 | 304 | 265 | | |

| Model | | Drawing | Size | DIMENSIONAL SPECIFICATIONS (MM) | | | | | | | | | | | | | | |
|-------------------|-------------------|---------|------|---------------------------------|------|------|------|------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| 50Hz | 60Hz | | | C | | M | | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | n° | | | | | | | |
| MVE 700/15D-50A0 | MVE 700/18D-50A0 | X | 50A0 | 396 | 95 | 120 | 170 | 17 | 4 | 209 | 251 | 27 | 103 | 185 | 205 | 165 | | |
| MVE 1100/15D-50A0 | MVE 1100/18D-50A0 | X | 50A0 | 466 | 396 | 130 | 95 | 120 | 170 | 17 | 4 | 209 | 251 | 27 | 103 | 185 | 205 | 165 |
| MVE 1400/15D-60A0 | MVE 1400/18D-60A0 | X | 60A0 | 477 | 111 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 1700/15D-60A0 | MVE 1700/18D-60A0 | X | 60A0 | 477 | 111 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 2400/15D-60A0 | MVE 2400/18D-60A0 | X | 60A0 | 521 | 133 | 140 | 190 | 17 | 4 | 234 | 283 | 25 | 124 | 240 | 254 | 221 | | |
| MVE 2500/15D-70A0 | MVE 2500/18D-70A0 | Y | 70A0 | 525 | 123 | 155 | 225 | 22 | 4 | 274 | 311 | 32 | 140 | 256 | 279 | 235 | | |
| MVE 3000/15D-70A0 | MVE 3000/18D-70A0 | Y | 70A0 | 586 | 153 | 155 | 225 | 22 | 4 | 274 | 311 | 32 | 140 | 256 | 279 | 235 | | |
| MVE 3800/15D-75A0 | MVE 3800/18D-75A0 | Y | 75A0 | 596 | 146 | 155 | 255 | 23.5 | 4 | 302 | 330 | 30 | 150 | 280 | 304 | 265 | | |
| MVE 3811/15D-75A0 | MVE 3811/18D-75A0 | Y | 75A0 | 596 | 146 | 155 | 255 | 23.5 | 4 | 302 | 330 | 30 | 150 | 280 | 304 | 265 | | |
| MVE 4300/15D-75A0 | MVE 4300/18D-75A0 | Y | 75A0 | 616 | 156 | 155 | 255 | 23.5 | 4 | 302 | 330 | 30 | 150 | 280 | 304 | 265 | | |
| MVE 5500/15D-80A0 | MVE 5500/18D-80A0 | Y | 80A0 | 612 | 127 | 180 | 280 | 26 | 4 | 330 | 379 | 33 | 176 | 330 | 358 | 310 | | |

Notes:

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

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» Class I, Div.1 Group C, D T4 IP66
 » Conform to UL 1004-1, UL 674, CSA 22.2 60079-0, CSA 22.2 60079-31, CSA 22.2 100, CSA 22.2 145, CSA 22.2 60079-1