

Electric Motovibrators

MVE-Type

Good Vibrations
*When you need it
Where you need it*





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MVE

Standard Range

| | | |
|----------------------|---|-------|
| 2 poles | ● | 2-3 |
| 4 poles | ● | 4-5 |
| 6 poles | ● | 6-7 |
| 8 poles | ● | 8-9 |
| 2 poles single phase | ● | 10-11 |
| Micro MVE | ● | 12-13 |
| DC | ● | 14-15 |

MVE - E

Increased Safety Range

| | | |
|---------|---|-------|
| 2 poles | ● | 16-17 |
| 4 poles | ● | 18-19 |
| 6 poles | ● | 20-21 |
| 8 poles | ● | 22-23 |

MVE - D

Explosion Proof Range

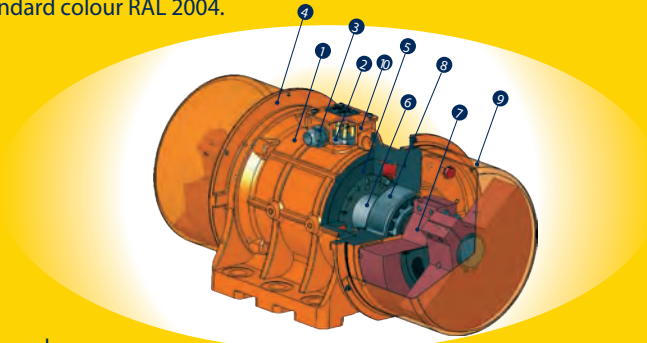
| | | |
|---------|---|-------|
| 2 poles | ● | 24-25 |
| 4 poles | ● | 26-27 |
| 6 poles | ● | 28-29 |
| 8 poles | ● | 30-31 |

MVE - S

with Split Cover

| | | |
|---------|---|-------|
| 4 poles | ● | 32-33 |
| 6 poles | ● | 34-35 |
| 8 poles | ● | 36-37 |

- FRAME:**
Aluminium frame from size 10 to 50 and ductile cast iron from size 60 to 90
- TERMINAL PLATE:**
M5 from size 10 to 50 and M6 from size 60 to 90
- CABLE GLANDS:**
Plastic M16 and M20 from size 10 to 50 and metal M25 and M32 from size 60 to 90
- FLANGE:**
Gray cast iron from size 10 to 90
- WINDINGS:**
2,4,6 and 8 poles three-phase asynchronous motor from size 10 to 90;
2 poles single phase from size 10 to 30.
All motors are vacuum impregnated (VPI SYSTEM); PTC thermistors 130°C standard from size 60; Class F (155°C); continuous service (S1);
- SHAFT:**
Steel alloy high resistant to stress; PTC thermistors 130°C standard from size 60
- ECCENTRIC WEIGHTS:**
Completely adjustable; the scale express the centrifugal force as a percentage of the maximum centrifugal force.
- BEARING:**
Ball bearing from size 10 to 50 and roller bearing from size 50 (for some types only) to 90 (C3 clearance)
- COVER**
Aluminium alloy from size 10 to 50 and steel from size 60 to 90.
Stainless steel AISI 304 for direct current motovibrators.
For explosion proof range, all the covers are made of stainless steel.
- SURFACE TREATMENT**
Polyester epoxy powder painting.
Standard colour RAL 2004.



Power supply

- Three-phase from 12V to 690V, 50Hz or 60Hz;
- Single phase 110V 60Hz and 220V 50Hz.
- All motors are designed for inverter application from 20Hz to base frequency

Conformity with European Directive


- Low voltage 73/23/CEE
- EMC 2004/108/CE
- Machine directive 2006/42/CE
- ATEX 94/9/EEC



Mechanical protection IP66 according to EN 60529



MVE - Standard Range

▶ 2 POLES

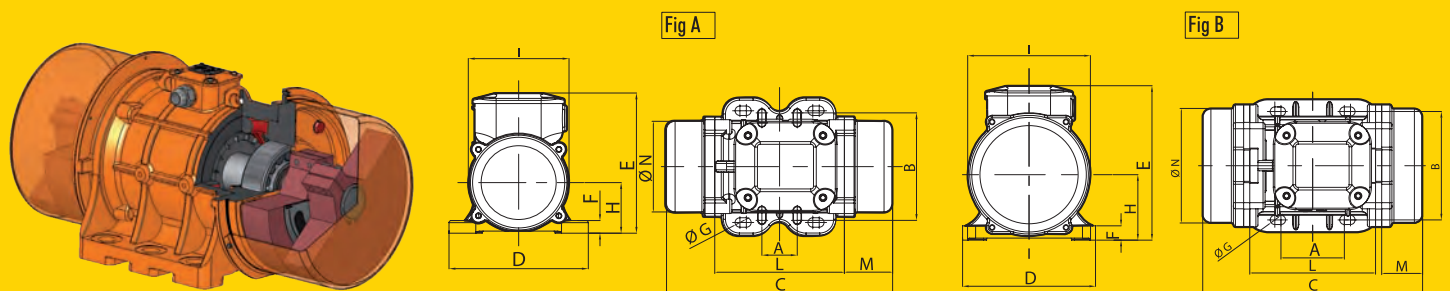
3000 - 3600 rpm

 - IIB D Ex tD A22 Tx IP66
 TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|------------|---------------------|-------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|---|---|-------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | |  |  | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | Class II Div.2 | IIB D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | Temp.Class | |
| | | | | | | | | 400V | 460V | | | (T) | (°C) | Glande | |
| MVE 60/3 | 1.31 | 0.98 | 66 | 71 | 4.2 | | 0.08 | 0.09 | 0.16 | 0.18 | 3.0 | 3.0 | T4 | 100 | M16 |
| MVE 100/3 | 1.96 | 1.31 | 98 | 95 | 4.6 | | 0.1 | 0.11 | 0.19 | 0.18 | 3.0 | 3.0 | | 100 | M16 |
| MVE 200/3 | 3.72 | 2.61 | 187 | 189 | 7.0 | | 0.18 | 0.21 | 0.35 | 0.35 | 3,3 | 3.30 | T4 | 100 | M20 |
| MVE 202/3 | 3.72 | 2.61 | 187 | 189 | 7.2 | | 0.18 | 0.21 | 0.35 | 0.35 | 3,3 | 3.30 | | 100 | M20 |
| MVE 300/3 | 6.39 | 4.46 | 321 | 323 | 9.8 | | 0.27 | 0.28 | 0.52 | 0.45 | 3.60 | 3.50 | T4 | 100 | M20 |
| MVE 400/3 | 7.96 | 5.68 | 407 | 411 | 10.3 | | 0.30 | 0.36 | 0.58 | 0.60 | 3.50 | 3.50 | | 100 | M20 |
| MVE 500/3 | 10.27 | 7.38 | 530 | 534 | 15.8 | | 0.50 | 0.58 | 0.96 | 0.97 | 4.00 | 4.20 | T4 | 100 | M20 |
| MVE 700/3 | 14.90 | 10.57 | 758 | 765 | 16.5 | | 0.66 | 0.75 | 1.25 | 1.24 | 4.30 | 5.00 | | 100 | M20 |
| MVE 800/3 | 15.68 | 11.06 | 794 | 800 | 20.6 | | 0.75 | 0.90 | 1.45 | 1.50 | 3.80 | 3.80 | T4 | 100 | M20 |
| MVE 1200/3 | 20.26 | 14.00 | 1005 | 1013 | 21.6 | | 0.95 | 1.15 | 1.85 | 1.95 | 4.40 | 4.50 | | 100 | M20 |
| MVE 1300/3 | 27.58 | 18.86 | 1355 | 1365 | 22.0 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | T4 | 100 | M20 |
| MVE 1301/3 | 27.58 | 18.86 | 1355 | 1365 | 30.3 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | | 100 | M20 |
| MVE 1310/3 | 22.34 | 22.34 | 1123 | 1616 | 30.0 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | T4 | 100 | M20 |
| MVE 1600/3 | 31.26 | 22.22 | 1601 | 1608 | 51.6 | 51.2 | 1.57 | 1.60 | 2.94 | 2.61 | 5.90 | 6.20 | | 135 | M25 |
| MVE 2000/3 | 36.78 | 27.60 | 2027 | 1997 | 52.8 | 52.0 | 2.00 | 2.10 | 3.75 | 3.42 | 6.50 | 6.40 | T4 | 135 | M25 |
| MVE 2300/3 | 45.97 | 31.87 | 2302 | 2306 | 53.6 | 51.6 | 2.40 | 2.45 | 4.44 | 3.94 | 6.00 | 6.30 | | 135 | M25 |
| MVE 3200/3 | 68.10 | 43.89 | 3252 | 3176 | 103.0 | 101.4 | 2.90 | 2.90 | 5.30 | 4.61 | 8.30 | 8.20 | T4 | 135 | M32 |
| MVE 4000/3 | 79.40 | 55.99 | 4033 | 4052 | 107.0 | 103.8 | 2.90 | 2.90 | 5.30 | 4.61 | 8,5 | 9,7 | | 135 | M32 |
| MVE 5000/3 | 103.24 | 69.76 | 5009 | 5048 | 111.2 | 105.8 | 4.00 | 4.00 | 7.22 | 6.28 | 8.50 | 9.80 | 135 | M32 | |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|---|---|-------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | |  |  | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Δ) | | | | Class II Div.2 | IIB D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | Temp.Class | |
| | | | | | | | | 400V | 460V | | | (T) | (°C) | Glande | |
| MVE 6500/3 | 129.55 | 90.54 | 6510 | 6552 | 228.4 | 229.6 | 5.50 | 5.50 | 9.5 | 8 | 4.20 | 5.30 | T4 | 135 | M32 |
| MVE 9000/3 | 179.59 | 129.55 | 9025 | 9375 | 240.3 | 234.7 | 10.00 | 9.30 | 14.00 | 18.00 | 5.00 | 5.00 | | 135 | M32 |

(*)=Working moment=2static moment



CE Declaration of conformity type A according to:
- 73/23/EEC-2006/42/CE-EN60034-1

ETL - Class II Div.2 Group F,G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
- Intertek ETL - SEMCO File Number 3177001



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|--------|------|--------|-------|--------|--------|---------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | ØG (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 60/3 | A | 10 | 211 | | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 | |
| MVE 100/3 | A | 10 | 211 | | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 | |
| MVE 200/3 | B | 20 | 219 | | 41 | 62-74 | 106 | 9 | 4 | 131 | 159 | 15 | 64 | 121 | 123 | 112 | |
| MVE 202/3 | G | 23 | 218 | | 53 | ** | ** | ** | 4 | 164 | 140 | 25 | 82 | 116 | 159 | 110 | |
| MVE 300/3 | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |
| MVE 400/3 | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |
| MVE 500/3 | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE 700/3 | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE 800/3 | D | 50 | 311 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE 1200/3 | D | 50 | 311 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE 1300/3 | D | 50 | 321 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE 1301/3 | D | 53 | 321 | | 47 | 100 | 180 | 17 | 4 | 236 | 210 | 26 | 98 | 180 | 205 | 170 | |
| MVE 1310/3 | D | 55 | 321 | | 47 | 100 | 200 | 17 | 4 | 236 | 210 | 26 | 98 | 180 | 205 | 170 | |
| MVE 1600/3 | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE 2000/3 | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE 2300/3 | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE 3200/3 | D | 75 | 538 | | 115 | 155 | 255 | 25 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | |
| MVE 4000/3 | D | 75 | 538 | | 115 | 155 | 255 | 25 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | |
| MVE 5000/3 | D | 75 | 588 | 538 | 140 | 115 | 155 | 255 | 25 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |

FigA

| | A | B | ØG |
|---|---------|--------|----|
| * | mm | mm | mm |
| | 62 - 74 | 106 | 9 |
| | 33 | 83-102 | 7 |

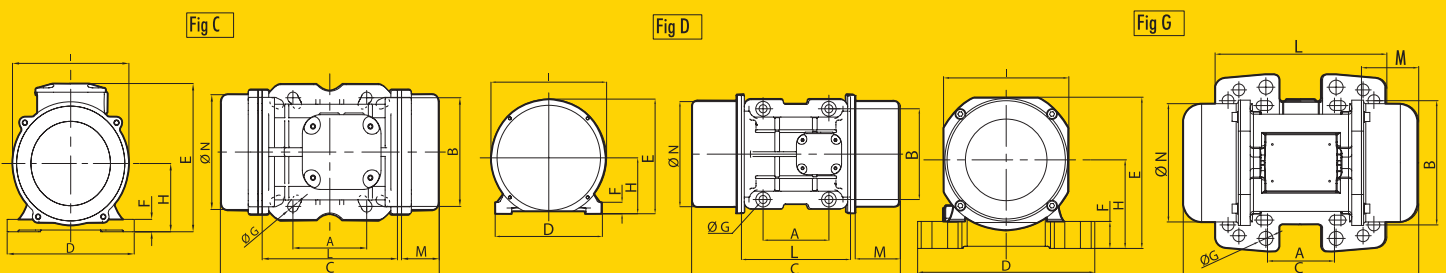
FigG

| | A | B | ØG |
|----|---------|-----|----|
| ** | mm | mm | mm |
| | 62 - 74 | 106 | 9 |
| | 65 | 140 | 13 |
| | 115 | 135 | 11 |
| | 135 | 115 | 11 |

FigC

| | A | B | ØG |
|-----|-----|-----|----|
| *** | mm | mm | mm |
| | 80 | 110 | 11 |
| | 90 | 125 | 13 |
| | 124 | 110 | 11 |
| | 135 | 115 | 11 |


NOTE: Dimensions with coarse degree of accuracy related to UN12768/1







MVE - Standard Range

▶ 4 POLES

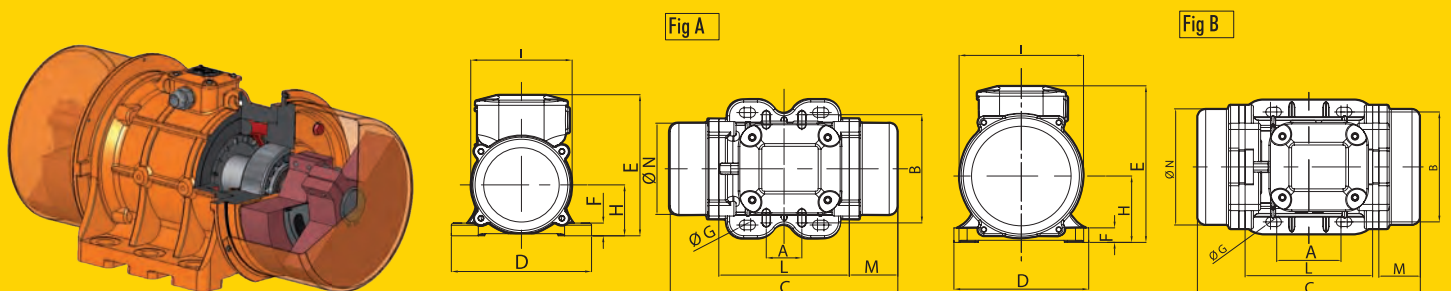
1500 - 1800 rpm

 - IIB D Ex tD A22 Tx IP66
 TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|---|---|--------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | |  |  | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | Class II Div. 2 | IIB D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp. Class | Temp. Class | Glands |
| | | | | | | | | 400V | 460V | | | (T) | (°C) | | |
| MVE 40/15 | 2.13 | 1.47 | 27 | 27 | 4.6 | | 0.04 | 0.05 | 0.31 | 0.31 | 1.00 | 1.00 | T4 | 100 | M16 |
| MVE 90/15 | 5.97 | 4.2 | 75 | 76 | 7.4 | | 0.09 | 0.1 | 0.26 | 0.25 | 1.00 | 1.00 | T4 | 100 | M20 |
| MVE 200/15 | 15.44 | 10.83 | 194 | 196 | 11.8 | | 0.16 | 0.17 | 0.49 | 0.50 | 1.00 | 1.00 | T4 | 100 | M20 |
| MVE 400/15 | 33.43 | 23.38 | 420 | 423 | 19.5 | | 0.30 | 0.35 | 0.84 | 0.86 | 2.50 | 2.50 | T4 | 100 | M20 |
| MVE 500/15 | 40.12 | 28.08 | 504 | 508 | 21.0 | | 0.35 | 0.40 | 1.06 | 1.09 | 2.80 | 2.70 | | 100 | M20 |
| MVE 300/15 | 26.58 | 18.60 | 334 | 336 | 22.5 | | 0.62 | 0.73 | 1.32 | 1.41 | 3.00 | 3.20 | T4 | 100 | M20 |
| MVE 700/15 | 56.83 | 39.36 | 714 | 712 | 27.4 | | 0.62 | 0.73 | 1.32 | 1.41 | 3.00 | 3.20 | | 100 | M20 |
| MVE 1100/15 | 88.67 | 62.02 | 1114 | 1122 | 35.8 | | 0.65 | 0.78 | 1.50 | 1.70 | 3.80 | 3.80 | | 100 | M20 |
| MVE 1400/15 | 108.57 | 76.72 | 1364 | 1388 | 59.8 | 58.2 | 0.90 | 1.10 | 1.71 | 1.78 | 4.00 | 4.00 | T4 | 135 | M25 |
| MVE 1700/15 | 137.31 | 91.98 | 1725 | 1664 | 61.8 | 59.4 | 1.15 | 1.30 | 2.16 | 2.09 | 4.70 | 4.50 | | 135 | M25 |
| MVE 2400/15 | 187.69 | 137.36 | 2358 | 2485 | 68.0 | 62.0 | 1.60 | 1.90 | 3.00 | 3.20 | 4.90 | 4.90 | | 135 | M25 |
| MVE 2500/15 | 203.53 | 135.65 | 2557 | 2454 | 90.0 | 84.0 | 1.80 | 2.00 | 3.40 | 3.40 | 6.00 | 6.10 | T4 | 135 | M25 |
| MVE 3000/15 | 248.66 | 169.75 | 3124 | 3071 | 97.5 | 87.0 | 1.90 | 2.30 | 3.70 | 3.80 | 6.50 | 6.60 | | 135 | M25 |
| MVE 3800/15 | 306.69 | 204.74 | 3853 | 3704 | 130.4 | 118.4 | 2.20 | 2.60 | 4.12 | 4.15 | 6.80 | 6.80 | T4 | 135 | M32 |
| MVE 4300/15 | 343.22 | 240.95 | 4312 | 4359 | 134.4 | 123.6 | 2.50 | 3.00 | 5.70 | 5.80 | 7.00 | 7.20 | | 135 | M32 |
| MVE 5500/15 | 437.39 | 303.74 | 5495 | 5495 | 192.2 | 190.0 | 3.60 | 3.45 | 6.50 | 6.60 | 7.10 | 7.00 | T4 | 135 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|--------------|---------------------|--------|-------|-------|--------|-------|-------------------|-------|-----------|-------|-------|------|---|---|--------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | |  |  | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Δ) | | | | Class II Div. 2 | IIB D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp. Class | Temp. Class | Glands |
| | | | | | | | | 400V | 460V | | | (T) | (°C) | | |
| MVE 7200/15 | 576.76 | 397.32 | 7246 | 7188 | 253.0 | 246.6 | 5.00 | 6.00 | 9.60 | 9.41 | 6.80 | 6.90 | T4 | 135 | M32 |
| MVE 9000/15 | 717.97 | 498.76 | 9020 | 9023 | 268.6 | 257.8 | 7.50 | 8.50 | 12.00 | 12.00 | 7.00 | 7.00 | | 135 | M32 |
| MVE 10000/15 | 800.11 | 588.30 | 10052 | 10643 | 311.8 | 297.4 | 7.80 | 9.40 | 13.00 | 13.00 | 6.50 | 6.40 | T4 | 135 | M32 |

(*)=Working moment=2static moment



CE Declaration of conformity type A according to:
- 73/23/EEC - 2006/42/CE - EN60034-1

ETL - Class II Div.2 Group F,G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
- Intertek ETL - SEMCO File Number 3177001



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 40/15 | A | 10 | 211 | | 45 | | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 |
| MVE 90/15 | B | 20 | 219 | | 41 | | 62-74 | 106 | 9 | 4 | 131 | 159 | 15 | 64 | 121 | 123 | 112 |
| MVE 200/15 | C | 30 | 260 | | 43 | | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 |
| MVE 400/15 | D | 40 | 338 | | 75 | | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE 500/15 | D | 40 | 338 | | 75 | | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE 300/15 | D | 50 | 311 | | 47 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 700/15 | D | 50 | 397 | | 90 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE1100/15 | D | 50 | 451 | | 112 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE1400/15 | D | 60 | 448 | | 98 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE1700/15 | D | 60 | 448 | | 98 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE2400/15 | D | 60 | 510 | 448 | 129 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE2500/15 | D | 70 | 522 | 486 | 123 | 105 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE3000/15 | D | 70 | 522 | 486 | 123 | 105 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE3800/15 | D | 75 | 588 | 538 | 140 | 115 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE4300/15 | D | 75 | 588 | | 140 | | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE5500/15 | D | 80 | 603 | | 130 | | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |

| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|-------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE7200/15 | D | 85 | 605 | | 120 | | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE9000/15 | D | 85 | 605 | | 120 | | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE10000/15 | E | 90 | 726 | 646 | 160 | 120 | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |

Fig A

| | A (mm) | B (mm) | Ø G (mm) |
|---|--------|--------|----------|
| * | 62-74 | 106 | 9 |
| | 33 | 83-102 | 7 |

Fig C

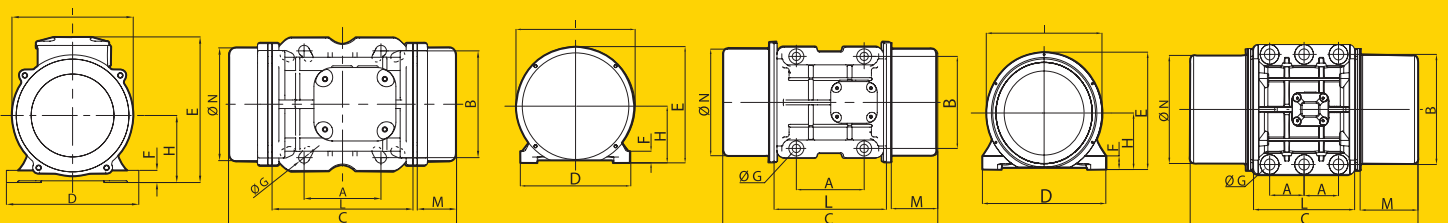
| | A (mm) | B (mm) | Ø G (mm) |
|-----|--------|--------|----------|
| *** | 80 | 110 | 11 |
| | 90 | 125 | 13 |
| | 124 | 110 | 11 |
| | 135 | 115 | 11 |

NOTE: Dimensions with coarse degree of accuracy related to UN22768/1

Fig C

Fig D


Fig E



MVE - Standard Range

▶ 6 POLES

1000 - 1200 rpm

 - II 3 D Ex tD A22 Tx IP66
 - TÜV NORD Statement of Conformity Number TU05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | |
|-----------|---------------------|--------|------|------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|----------------|------------|--------------|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ia/In | | Ⓜ | Ⓧ | Cable Glands |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Y) | | | | Class II Div.2 | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp Class | Temp Class | |
| | | | | | | | | | | 400V | 460V | | | (T) | (°C) | | |
| MVE 50/1 | 9.49 | 6.59 | 53 | 53 | 10.4 | | 0.12 | 0.14 | 0.16 | 0.19 | 0.40 | 0.40 | 1.00 | 1.00 | T4 | 100 | M20 |
| MVE 100/1 | 18.80 | 13.18 | 105 | 106 | 12.2 | | 0.12 | 0.14 | 0.16 | 0.19 | 0.40 | 0.40 | 1.00 | 1.00 | T4 | 100 | M20 |
| MVE 200/1 | 33.49 | 23.38 | 187 | 188 | 19.6 | | 0.18 | 0.21 | 0.24 | 0.28 | 0.53 | 0.51 | 1.00 | 1.00 | T4 | 100 | M20 |
| MVE 300/1 | 56.93 | 39.85 | 318 | 320 | 26.6 | | 0.35 | 0.38 | 0.47 | 0.51 | 0.67 | 0.64 | 2.50 | 2.50 | | 100 | M20 |
| MVE 500/1 | 91.88 | 64.32 | 513 | 517 | 34.0 | | 0.35 | 0.40 | 0.47 | 0.54 | 1.20 | 1.15 | 2.80 | 2.70 | T4 | 100 | M20 |
| MVE 510/1 | 91.88 | 91.88 | 513 | 739 | 34.5 | | 0.35 | 0.40 | 0.47 | 0.54 | 1.20 | 1.15 | 2.80 | 2.70 | | 100 | M20 |
| MVE 800/1 | 137.37 | 108.58 | 767 | 873 | 61.8 | 59.4 | 0.68 | 0.76 | 0.91 | 1.02 | 1.29 | 1.26 | 2.80 | 2.80 | | 135 | M25 |
| MVE1100/1 | 187.69 | 137.31 | 1048 | 1104 | 79.4 | 73.0 | 0.75 | 0.80 | 1.01 | 1.07 | 1.42 | 1.32 | 3.20 | 3.10 | T4 | 135 | M25 |
| MVE1500/1 | 284.76 | 196.51 | 1590 | 1580 | 83.6 | 76.5 | 1.10 | 1.30 | 1.48 | 1.74 | 2.10 | 2.00 | 3.30 | 3.30 | | 135 | M25 |
| MVE1600/1 | 299.63 | 203.47 | 1673 | 1636 | 99.8 | 89.0 | 1.10 | 1.30 | 1.48 | 1.74 | 2.83 | 3.22 | 3.70 | 3.60 | T4 | 135 | M25 |
| MVE2100/1 | 373.05 | 248.74 | 2083 | 2000 | 114.3 | 100.5 | 1.50 | 1.80 | 2.01 | 2.41 | 3.00 | 3.00 | 4.30 | 4.40 | | 135 | M25 |
| MVE2600/1 | 467.44 | 306.70 | 2610 | 2466 | 148.6 | 131.5 | 1.96 | 2.10 | 2.63 | 2.82 | 3.63 | 3.38 | 4.80 | 4.80 | T4 | 135 | M32 |
| MVE3000/1 | 540.33 | 379.71 | 3017 | 3053 | 155.4 | 137.8 | 2.20 | 2.40 | 2.95 | 3.22 | 4.50 | 4.30 | 5.00 | 5.00 | | 135 | M32 |
| MVE3800/1 | 680.38 | 437.41 | 3799 | 3517 | 215.6 | 194.8 | 2.50 | 3.00 | 3.35 | 4.02 | 4.67 | 4.88 | 5.90 | 6.00 | T4 | 135 | M32 |
| MVE4700/1 | 838.34 | 584.17 | 4681 | 4697 | 230.8 | 212.4 | 3.20 | 3.90 | 4.29 | 5.23 | 6.50 | 6.00 | 5.50 | 5.70 | | 135 | M32 |
| MVE5200/1 | 929.86 | 654.57 | 5192 | 5263 | 279.8 | 264.2 | 3.80 | 4.00 | 5.10 | 5.36 | 6.92 | 6.36 | 5.50 | 5.50 | T4 | 135 | M32 |
| MVE6500/1 | 1165.19 | 823.96 | 6506 | 6625 | 304.4 | 280.7 | 4.30 | 5.00 | 5.77 | 6.71 | 7.76 | 7.81 | 6.20 | 6.00 | | 135 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | |
|------------|---------------------|---------|-------|-------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|------------|------------|--------------|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ia/In | | Ⓜ | Ⓧ | Cable Glands |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Δ) | | | | Class II | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp Class | Temp Class | |
| | | | | | | | | | | 400V | 460V | | | (T) | (°C) | | |
| MVE8000/1 | 1435.98 | 929.80 | 8018 | 7476 | 325.2 | 290 | 7.10 | 7.50 | 9.52 | 10.06 | 12.60 | 11.60 | 6.00 | 6.20 | T4 | 135 | M32 |
| MVE9000/1 | 1600.39 | 1165.23 | 8936 | 9369 | 337.8 | 307.6 | 7.50 | 8.30 | 10.06 | 11.13 | 13.20 | 12.60 | 6.30 | 6.20 | | 135 | M32 |
| MVE10000/1 | 1788.44 | 1239.98 | 9986 | 9970 | 385.8 | 359.3 | 7.60 | 8.00 | 10.19 | 10.73 | 13.50 | 12.70 | 6.40 | 6.40 | T4 | 135 | M32 |
| MVE13000/1 | 2329.84 | 1647.42 | 13009 | 13246 | 422.2 | 375.6 | 10.00 | 10.00 | 13.41 | 13.41 | 17.00 | 16.00 | 6.20 | 6.2 | | 135 | M32 |

(*)=Working moment=2static moment

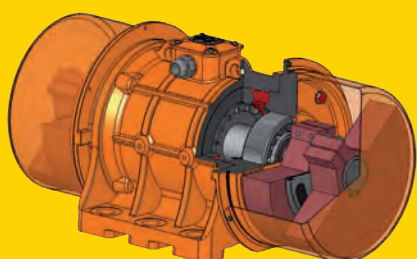
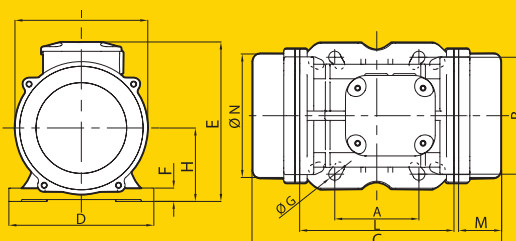


Fig C



| | A | B | Ø G |
|-----|-----|-----|-----|
| | mm | mm | mm |
| *** | 80 | 110 | 11 |
| | 90 | 125 | 13 |
| | 124 | 110 | 11 |
| | 135 | 115 | 11 |

CE Declaration of conformity type A according to:
-73/23/EEC-2006/42/CE-EN60034-1

ETL - Class II Div.2 Group F,G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
- Intertek ETL - SEMCO File Number 3177001

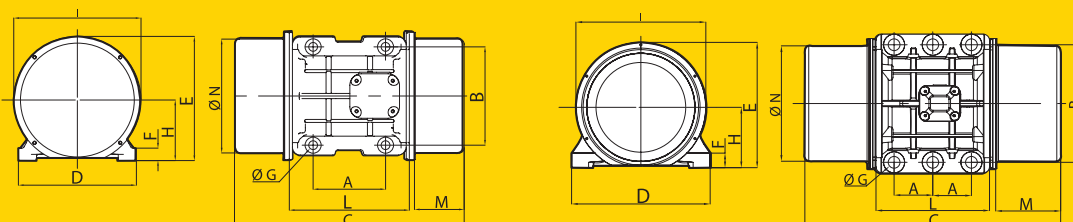


| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 50/1 | C | 30 | 260 | | 43 | | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 |
| MVE 100/1 | C | 30 | 300 | | 63 | | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 |
| MVE 200/1 | D | 40 | 338 | | 75 | | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE 300/1 | D | 50 | 397 | | 90 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 500/1 | D | 50 | 441 | | 112 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 510/1 | D | 50 | 451 | | 112 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 800/1 | D | 60 | 448 | | 98 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1100/1 | D | 60 | 510 | 448 | 129 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1500/1 | D | 60 | 562 | 510 | 154 | 129 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1600/1 | D | 70 | 556 | 522 | 140 | 123 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE 2100/1 | D | 70 | 616 | 522 | 170 | 123 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE 2600/1 | D | 75 | 708 | 588 | 200 | 140 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE 3000/1 | D | 75 | 708 | 608 | 200 | 150 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE 3800/1 | D | 80 | 683 | 603 | 170 | 130 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 4700/1 | D | 80 | 733 | 683 | 195 | 170 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 5200/1 | D | 85 | 685 | 605 | 160 | 120 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE 6500/1 | D | 85 | 685 | | 160 | | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 8000/1 | D | 85 | 785 | 685 | 210 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE 9000/1 | D | 85 | 785 | 685 | 210 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE10000/1 | E | 90 | 826 | | 210 | | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |
| MVE13000/1 | E | 90 | 926 | 826 | 260 | 210 | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |

NOTE: Dimensions with coarse degree of accuracy related to UNJ22768/1

Fig D


Fig E







MVE - Standard Range

▶ 8 POLES

750 - 900 rpm

 - II 3 D Ex tD A22 Tx IP66
 TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| TYPE | Mechanical Features | | | | Electric Features | | | | | | | | | |
|-------------|---------------------------|-------------|------|--------------|-------------------|-------|----------------------|-------|-------|------|---|---|-----------------|---------------------|
| | Working moment(*) Kgcm | FC Kg | | Weight Kg | Power Kw | | Current A max (Y) | | Ia/In | |  |  | Cable Glande | |
| | | 50Hz - 60Hz | 50Hz | | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Class II Div. 2 | | II 3 D |
| | | | | | | | | | | | | Temp. Class (T) | | Temp. Class (°C) |
| MVE150/075 | 33.39 | 105 | 151 | 21.4 | 0.23 | 0.25 | 1.14 | 1.14 | 1.50 | 1.50 | T4 | 100 | M20 | |
| MVE250/075 | 56.93 | 179 | 257 | 29.5 | 0.35 | 0.38 | 1.15 | 1.15 | 1.70 | 1.70 | T4 | 100 | M20 | |
| MVE400/075 | 84.02 | 264 | 380 | 35.0 | 0.35 | 0.38 | 1.15 | 1.15 | 1.90 | 1.90 | | 100 | M20 | |
| MVE650/075 | 137.31 | 431 | 621 | 64.7 | 0.50 | 0.60 | 1.20 | 1.20 | 2.20 | 2.20 | T4 | 135 | M25 | |
| MVE900/075 | 187.72 | 589 | 849 | 71.0 | 0.65 | 0.78 | 1.23 | 1.29 | 2.50 | 2.50 | | 135 | M25 | |
| MVE1300/075 | 299.60 | 941 | 1355 | 99.8 | 1.00 | 1.10 | 1.86 | 1.83 | 3.00 | 3.00 | T4 | 135 | M25 | |
| MVE2100/075 | 467.41 | 1468 | 2114 | 150.4 | 1.50 | 1.80 | 2.81 | 2.89 | 4.20 | 4.10 | T4 | 135 | M32 | |
| MVE3100/075 | 680.34 | 2137 | 3077 | 212.2 | 2.00 | 2.30 | 3.79 | 3.77 | 4.00 | 4.00 | T4 | 135 | M32 | |
| MVE3800/075 | 838.43 | 2633 | 3792 | 230.2 | 2.50 | 3.00 | 6.00 | 6.00 | 3.90 | 4.00 | | 135 | M32 | |
| MVE4200/075 | 929.74 | 2920 | 4205 | 284.5 | 2.90 | 3.40 | 6.50 | 6.50 | 3.80 | 3.70 | T4 | 135 | M32 | |
| MVE5300/075 | 1165.22 | 3660 | 5270 | 305 | 4.00 | 4.30 | 8.50 | 8.00 | 3.80 | 4.20 | | 135 | M32 | |
| MVE6500/075 | 1435.85 | 4510 | 6494 | 324.4 | 5.00 | 5.90 | 10.00 | 10.00 | 3.60 | 4.00 | 135 | M32 | | |

| TYPE | Mechanical Features | | | | Electric Features | | | | | | | | | |
|--------------|---------------------------|-------------|------|--------------|-------------------|-------|----------------------|-------|-------|------|---|---|-----------------|---------------------|
| | Working moment(*) Kgcm | FC Kg | | Weight Kg | Power Kw | | Current A max (Δ) | | Ia/In | |  |  | Cable Glande | |
| | | 50Hz - 60Hz | 50Hz | | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Class II Div. 2 | | II 3 D |
| | | | | | | | | | | | | Temp. Class (T) | | Temp. Class (°C) |
| MVE10000/075 | 2200.43 | 6911 | 9952 | 422.2 | 6.80 | 7.50 | 13.50 | 12.5 | 3.5 | 4.2 | T4 | 135 | M32 | |

(*)=Working moment=2xstatic moment

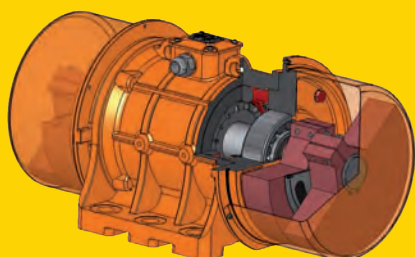
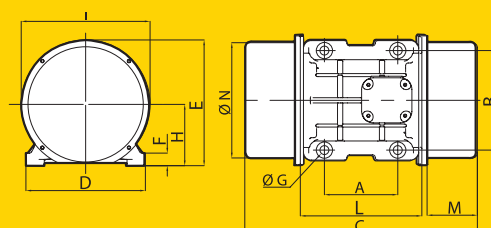


Fig D



CE Declaration of conformity type A according to:
- 73/23/EEC - 2006/42/CE - EN60034-1

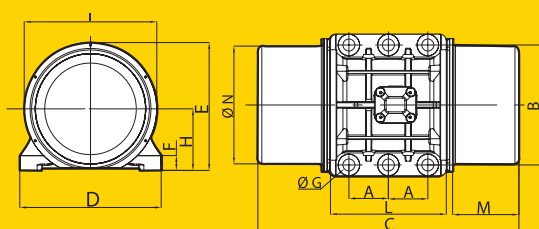
ETL - Class II Div.2 Group F,G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
- Intertek ETL - SEMCO File Number 3177001



| TYPE | Dimensional Features | | | | | | | | | | | | | | |
|---------------|----------------------|------|---------------------|---------------------|------|------|------|-------|-----|------|------|------|------|------|------|
| | FIG. | Size | C | M | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | (mm) 50Hz - 60Hz | (mm) 50Hz - 60Hz | (mm) | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE 150/075 | D | 40 | 338 | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE 250/075 | D | 50 | 397 | 90 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 400/075 | D | 50 | 441 | 112 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 650/075 | D | 60 | 448 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 900/075 | D | 60 | 510 | 129 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1300/075 | D | 70 | 556 | 140 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE 2100/075 | D | 75 | 708 | 200 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE 3100/075 | D | 80 | 683 | 170 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 3800/075 | D | 80 | 733 | 195 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 4200/075 | D | 85 | 685 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| MVE 5300/075 | D | 85 | 685 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| MVE 6500/075 | D | 85 | 785 | 210 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| TYPE | Dimensional Features | | | | | | | | | | | | | | |
| | FIG. | Size | C | M | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | (mm) 50Hz - 60Hz | (mm) 50Hz - 60Hz | (mm) | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE 10000/075 | E | 90 | 926 | 260 | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |


NOTE: Dimensions with coarse degree of accuracy related to UN22768/1



Fig E



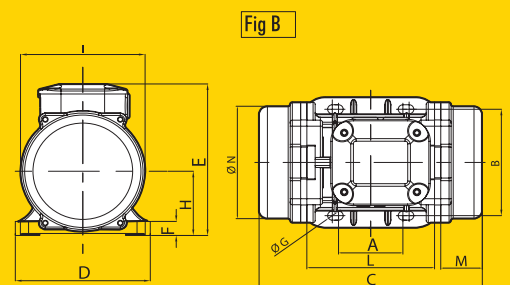
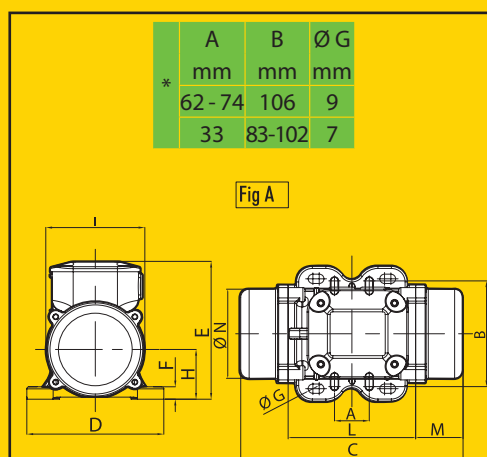
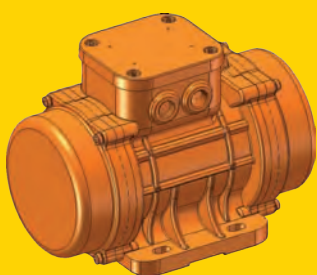
MVE - Standard Range

▶ 2 POLES SINGLE PHASE 3000 - 3600 rpm

 - IIB D Ex tD A22 Tx IP66
 TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements - EN 61241-10

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|------------|---------------------|------|------|------|--------|------|-------------------|-------|-----------|-------|-------|------|---|--|--------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | |  Class II Div 2 Temp. Class |  IIB D Temp. Class | Cable Glands |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | 50Hz | 60Hz | (T) | (°C) | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 230V | 115V | | | |
| MVE 60/3M | 1.31 | 0.98 | 66 | 71 | 4.2 | | 0.08 | 0.09 | 0.43 | 1.03 | 3.0 | 3.0 | T4 | 100 | M16 |
| MVE 100/3M | 1.96 | 1.31 | 98 | 95 | 4.6 | | 0.1 | 0.11 | 0.54 | 1.3 | 3.0 | 3.0 | | 100 | M16 |
| MVE 200/3M | 3.72 | 2.61 | 187 | 189 | 7.0 | | 0.18 | 0.21 | 1.14 | 2.62 | 3,3 | 3.30 | T4 | 100 | M20 |
| MVE 202/3M | 3.72 | 2.61 | 187 | 189 | 7.2 | | 0.18 | 0.21 | 1.14 | 2.62 | 3,3 | 3.30 | T4 | 100 | M20 |
| MVE 300/3M | 6.39 | 4.46 | 321 | 323 | 9.8 | | 0.27 | 0.28 | 1.58 | 3.43 | 3.60 | 3.50 | T4 | 100 | M20 |

(*)=Working moment=2xstatic moment



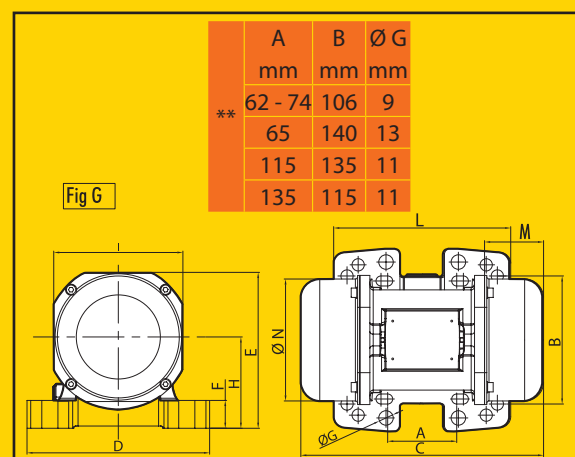
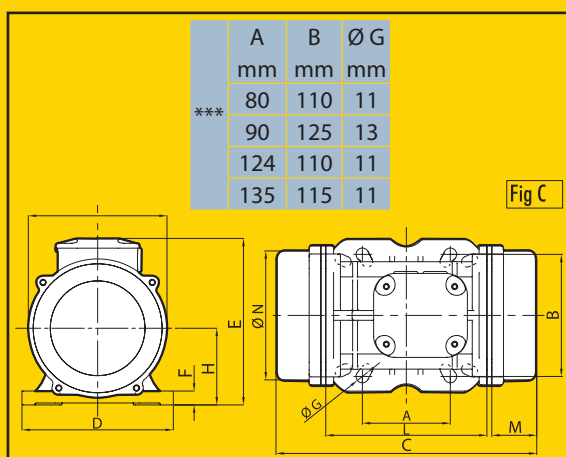
CE Declaration of conformity type A according to:
-73/23/EEC-2006/42/CE-EN60034-1

ETL - Class II Div.2 Group F,G - T4 - NEMA 4
- Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
- Intertek ETL - SEMCO File Number 3177001




| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|--------|------|--------|-------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 60/3M | A | 10 | 211 | | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 | |
| MVE 100/3M | A | 10 | 211 | | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 | |
| MVE 200/3M | B | 20 | 219 | | 41 | 62-74 | 106 | 9 | 4 | 131 | 159 | 15 | 64 | 121 | 123 | 112 | |
| MVE 202/3M | G | 23 | 218 | | 53 | ** | ** | ** | 4 | 164 | 140 | 25 | 82 | 116 | 159 | 110 | |
| MVE 300/3M | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |

NOTEDimensionswithcoarsedegreeofaccuracyrelatedtoUNI22768/1





MVE - Standard Range

▶ MICRO MVE 3000 - 3600 rpm

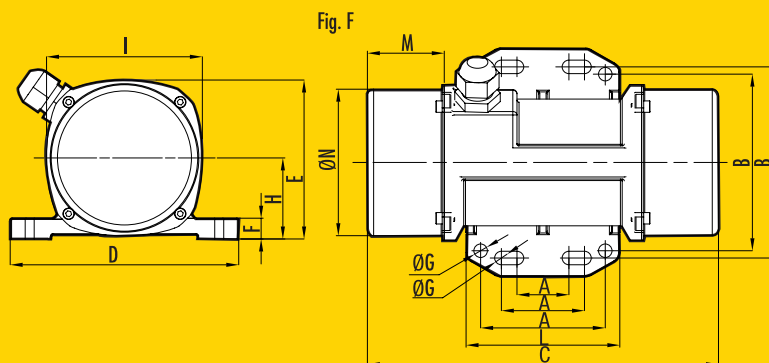
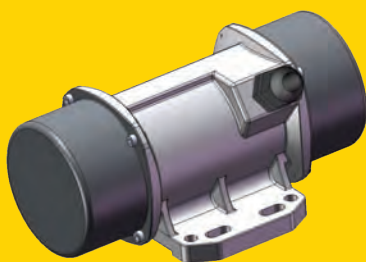
 - II3 D Ex tD A22 Tx IP66
 TÜV NORD Statement of Conformity Number TU05ATEX2768X
 Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| THREE PHASE | Mechanical Features | | | | | | Electric Features | | | | | | |
|-------------|---------------------|------|------|------|--------|------|-------------------|-------|---------|-------|---|---|-----------------|
| | Working moment(*) | | FC | | Weight | | Power | | Current | |  |  | Cable Glande |
| | Kgcm | | Kg | | Kg | Lb | Kw | | A max | | Class II Div.2 | II3 D | |
| TYPE | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 50Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | Temp. Class | Temp. Class | |
| MICRO 20/3 | 0.44 | 0.44 | 22 | 32 | 1.5 | 3.3 | 0.03 | 0.04 | 0.10 | 0.12 | T4 | 100 | M16 |
| MICRO 40/3 | 0.86 | 0.86 | 44 | 62 | 1.7 | 3.7 | 0.07 | 0.07 | 0.25 | 0.25 | T4 | 100 | M16 |

(*)=Working moment=2xstatic moment

| SINGLE PHASE | Mechanical Features | | | | | | Electric Features | | | | | | |
|--------------|---------------------|------|------|------|--------|------|-------------------|-------|---------|-------|---|---|-----------------|
| | Working moment(*) | | FC | | Weight | | Power | | Current | |  |  | Cable Glande |
| | Kgcm | | Kg | | Kg | Lb | Kw | | A max | | Class II Div.2 | II3 D | |
| TYPE | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 50Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | Temp. Class | Temp. Class | |
| MICRO 4/3 M | 0.12 | 0.12 | 5 | 8 | 1.4 | 3.1 | 0.02 | 0.02 | 0.3 | 0.6 | T4 | 100 | M16 |
| MICRO 5/3 M | 0.12 | 0.12 | 5 | 8 | 1.4 | 3.1 | 0.02 | 0.02 | 0.3 | 0.6 | T4 | 100 | M16 |
| MICRO 20/3 M | 0.44 | 0.44 | 22 | 32 | 1.5 | 3.3 | 0.03 | 0.04 | 0.10 | 0.23 | T4 | 100 | M16 |
| MICRO 40/3 M | 0.86 | 0.86 | 44 | 62 | 1.7 | 3.7 | 0.07 | 0.07 | 0.40 | 0.80 | T4 | 100 | M16 |

(*)=Working moment=2xstatic moment



CE Declaration of conformity type A according to:
 - 73/23/EEC - 2006/42/CE - EN60034-1

ETL - Class II Div.2 Group F,G - T4 - NEMA 4
 - Conform to UL 1836, UL1004 Cert. CSA C22.2 NO100, NO145
 - Intertek ETL - SEMCO File Number 3177001



| TYPE | Dimensional Features | | | | | | | | | | | | | |
|------------|----------------------|--------------|--------------|-------------|----------|------------|-------|------|------|------|------|------|------|------|
| | FIG. | C | M | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | (mm) 50Hz | (mm) 50Hz | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MICRO 20/3 | F | 145 | 25 | 25-40 60 | 92 85 | 6.5 6.5 | 4 | 110 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |
| MICRO 40/3 | F | 169 | 37 | 25-40 60 | 92 85 | 6.5 6.5 | 4 | 110 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |

NOTE: Dimensions with coarse degree of accuracy related to UNI22768/1

| TYPE | Dimensional Features | | | | | | | | | | | | | |
|--------------|----------------------|--------------|--------------|-------------|----------|------------|-------|------|------|------|------|------|------|------|
| | FIG. | C | M | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | (mm) 50Hz | (mm) 50Hz | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MICRO 4/3 M | F | 145 | 25 | 25-40 60 | 92 85 | 6.5 6.5 | 4 | 110 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |
| MICRO 5/3 M | F | 145 | 25 | 25-40 / | 75 / | 6.5 / | 4 | 90 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |
| MICRO 20/3 M | F | 145 | 25 | 25-40 60 | 92 85 | 6.5 6.5 | 4 | 110 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |
| MICRO 40/3 M | F | 169 | 37 | 25-40 60 | 92 85 | 6.5 6.5 | 4 | 110 | 76.5 | 10 | 39 | 75 | 74 | 70.5 |

NOTE: Dimensions with coarse degree of accuracy related to UNI22768/1

MVE - Standard Range

▶ DC

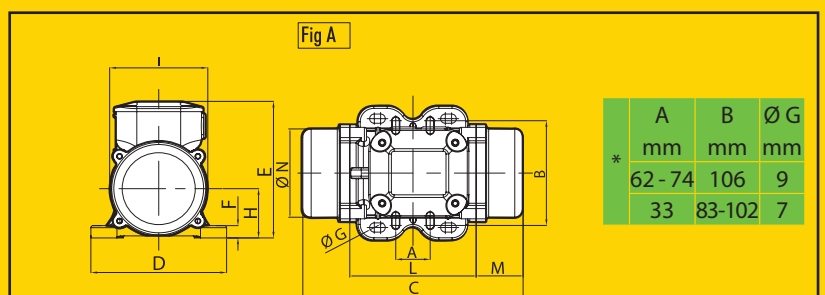
3000 rpm



- II 3 D Ex tD A22 Tx IP66
 - TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10

| TYPE | Mechanical Features | | | | Electric Features | | | |
|--------------|---------------------|---------------------------|----------|--------------|-------------------|------------------|-------------------------------|-----------------|
| | RPM | Working moment(*) Kgcm | FC Kg | Weight Kg | Power Kw | Current A max | Ex | Cable Glande |
| | | | | | | | II 3 D Temp. Class (°C) | |
| MVE202DC24 | 3000 | 4.17 | 200 | 7.2 | 0.16 | 6.7 | 100 | M20 |
| MVE202DC12 | 3000 | 4.17 | 200 | | 0.16 | 13.3 | 100 | M20 |
| MVE 50 DC 24 | 3000 | 1.02 | 50 | 4.4 | 0.08 | 3.3 | 100 | M16 |
| MVE 50 DC 12 | 3000 | 1.02 | 50 | | 0.08 | 6.6 | 100 | M16 |

(*)=Working moment=2xstatic moment

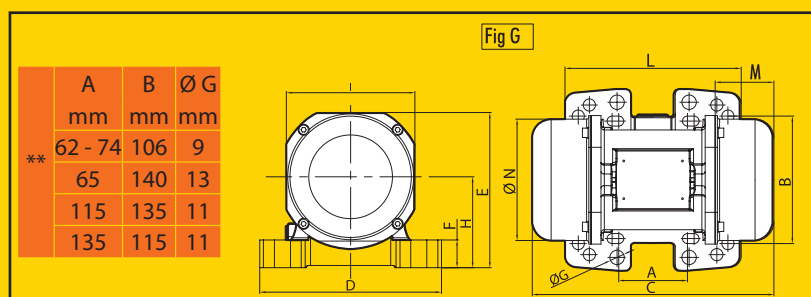


CE Declaration of conformity type A according to:
 -73/23/EEC-2006/42/CE-EN60034-1



| TYPE | Dimensional Features | | | | | | | | | | | | | | |
|-------------|----------------------|------|-------------------|-------------------|------|------|------|-------|------|------|------|------|------|------|------|
| | FIG. | Size | C (mm) 50Hz | M (mm) 50Hz | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE202DC24 | G | 23 | 218 | 53 | ** | ** | ** | 4 | 164 | 140 | 25 | 82 | 116 | 159 | 110 |
| MVE202DC12 | G | 23 | 218 | 53 | ** | ** | ** | 4 | 164 | 140 | 25 | 82 | 116 | 159 | 110 |
| MVE 50DC 24 | A | 10 | 211 | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 |
| MVE 50DC 12 | A | 10 | 211 | 45 | * | * | * | 4 | 130 | 136 | 12 | 48 | 94 | 121 | 85 |

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



MVE-E Increased Safety Range

▶ 2 POLES

3000 - 3600 rpm

Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1

CE Declaration of conformity / type A according to 73/23/EEC-2006/42/CE-EN60034-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | Cable Glands |
|------------|---------------------|-------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|----------------|------|---------|------|--------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | t _E | | Max Amb | | |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | (sec) | | (°C) | | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | |
| MVE 200/3E | 3.72 | 2.61 | 187 | 189 | 7.0 | | 0.18 | 0.21 | 0.35 | 0.35 | 3,3 | 3.30 | 18.0 | 18.0 | 40.0 | 40.0 | M20 |
| MVE 202/3E | 3.72 | 2.61 | 187 | 189 | 7.2 | | 0.18 | 0.21 | 0.35 | 0.35 | 3,3 | 3.30 | 18.0 | 18.0 | 40.0 | 40.0 | M20 |
| MVE 300/3E | 6.39 | 4.46 | 321 | 323 | 9.8 | | 0.27 | 0.28 | 0.52 | 0.45 | 3.60 | 3.50 | 14.0 | 14.0 | 40.0 | 40.0 | M20 |
| MVE 400/3E | 7.96 | 5.68 | 407 | 411 | 10.3 | | 0.30 | 0.36 | 0.58 | 0.60 | 3.50 | 3.50 | 15.0 | 15.0 | 40.0 | 40.0 | M20 |
| MVE 500/3E | 10.27 | 7.38 | 530 | 534 | 15.8 | | 0.50 | 0.58 | 0.96 | 0.97 | 4.00 | 4.20 | 12.0 | 11.0 | 40.0 | 40.0 | M20 |
| MVE 700/3E | 14.90 | 10.57 | 758 | 765 | 16.5 | | 0.66 | 0.75 | 1.25 | 1.24 | 4.30 | 5.00 | 11.0 | 8.0 | 40.0 | 40.0 | M20 |
| MVE 800/3E | 15.68 | 11.06 | 794 | 800 | 20.6 | | 0.75 | 0.90 | 1.45 | 1.50 | 3.80 | 3.80 | 12.0 | 12.0 | 40.0 | 40.0 | M20 |
| MVE1200/3E | 20.26 | 14.00 | 1005 | 1013 | 21.6 | | 0.95 | 1.15 | 1.85 | 1.95 | 4.40 | 4.50 | 9.0 | 9.0 | 40.0 | 40.0 | M20 |
| MVE1300/3E | 27.58 | 18.86 | 1355 | 1365 | 22.0 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | 7.5 | 8.0 | 40.0 | 40.0 | M20 |
| MVE1301/3E | 27.58 | 18.86 | 1355 | 1365 | 30.3 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | 7.5 | 8.0 | 40.0 | 40.0 | M20 |
| MVE1310/3E | 22.34 | 22.34 | 1123 | 1616 | 30.0 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | 7.5 | 8.0 | 40.0 | 40.0 | M20 |
| MVE1600/3E | 31.26 | 22.22 | 1601 | 1608 | 51.6 | 51.2 | 1.57 | 1.60 | 2.94 | 2.61 | 5.90 | 6.20 | 6.0 | 6.0 | 40.0 | 40.0 | M25 |
| MVE2000/3E | 36.78 | 27.60 | 2027 | 1997 | 52.8 | 52.0 | 2.00 | 2.10 | 3.75 | 3.42 | 6.50 | 6.40 | 5.5 | 5.5 | 40.0 | 40.0 | M25 |
| MVE2300/3E | 45.97 | 31.87 | 2302 | 2306 | 53.6 | 51.6 | 2.40 | 2.45 | 4.44 | 3.94 | 6.00 | 6.30 | 5.0 | 5.0 | 40.0 | 40.0 | M25 |
| MVE3200/3E | 68.10 | 43.89 | 3252 | 3176 | 103.0 | 101.4 | 2.90 | 2.90 | 5.30 | 4.61 | 8.30 | 8.20 | 5.0 | 5.0 | 40.0 | 40.0 | M32 |
| MVE4000/3E | 79.40 | 55.99 | 4033 | 4052 | 107.0 | 103.8 | 2.90 | 2.90 | 5.30 | 4.61 | 8,5 | 9,7 | 12,1 | 6,7 | 40.0 | 40.0 | M32 |

(*)=Working moment=2xstatic moment

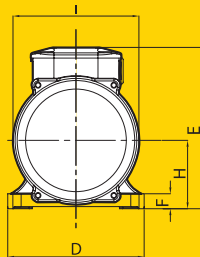
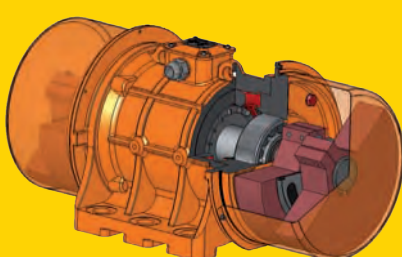


Fig B

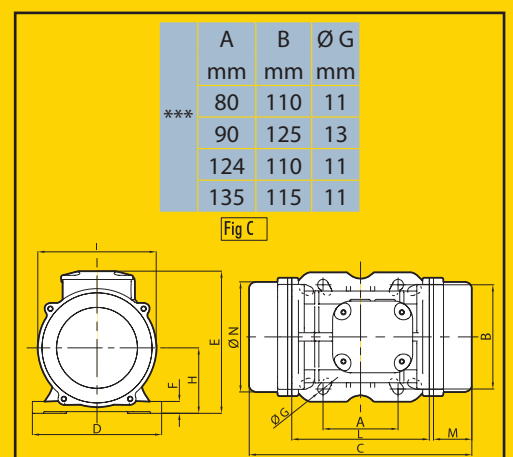
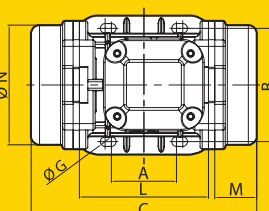


Fig C

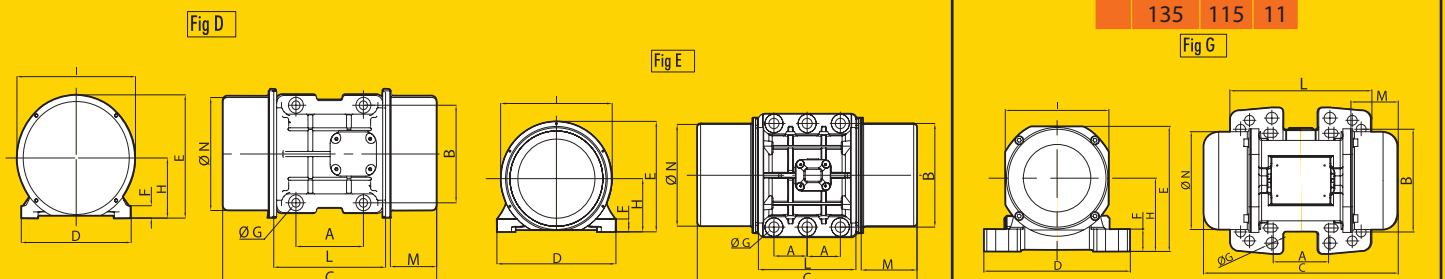
IEC Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEX BAS 06.0068X/2

Baseefa CertificatenummerBaseefa06ATEX0281X/2



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|--------|------|--------|-------|--------|--------|---------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | ØG (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 200/3E | B | 20 | 219 | | 41 | 62-74 | 106 | 9 | 4 | 131 | 159 | 15 | 64 | 121 | 123 | 112 | |
| MVE 202/3E | G | 23 | 218 | | 53 | ** | ** | ** | 4 | 164 | 140 | 25 | 82 | 116 | 159 | 110 | |
| MVE 300/3E | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |
| MVE 400/3E | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |
| MVE 500/3E | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE 700/3E | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE 800/3E | D | 50 | 311 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE1200/3E | D | 50 | 311 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE1300/3E | D | 50 | 321 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE1301/3E | D | 53 | 321 | | 47 | 100 | 180 | 17 | 4 | 236 | 210 | 26 | 98 | 180 | 205 | 170 | |
| MVE1310/3E | D | 55 | 321 | | 47 | 100 | 200 | 17 | 4 | 236 | 210 | 26 | 98 | 180 | 205 | 170 | |
| MVE1600/3E | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE2000/3E | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE2300/3E | D | 60 | 418 | | 83 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE3200/3E | D | 75 | 538 | | 115 | 155 | 255 | 25 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | |
| MVE4000/3E | D | 75 | 538 | | 115 | 155 | 255 | 25 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | |

NOTEDimensionswithcoarsedegreeofaccuracyrelatedtoUNI22768/1



MVE-E Increased Safety Range

► 4 POLES

1500 - 1800 rpm

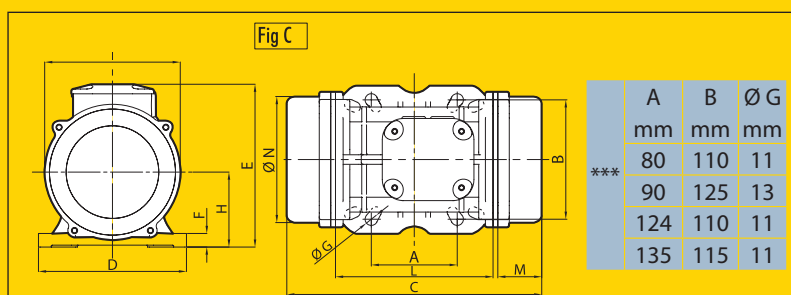
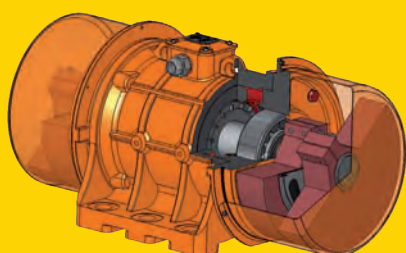
Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1

CE Declaration of conformity/type A/according to 73/23/EEC-2006/42/CE-EN60034-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | Cable Glands |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|----------------|------|---------|------|--------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | t _e | | Max Amb | | |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | | | | | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | |
| MVE200/15E | 15.44 | 10.83 | 194 | 196 | 11.8 | | 0.16 | 0.17 | 0.49 | 0.50 | 1.00 | 1.00 | 60 | 60 | 40.0 | 40.0 | M20 |
| MVE400/15E | 33.43 | 23.38 | 420 | 423 | 19.5 | | 0.30 | 0.35 | 0.84 | 0.86 | 2.50 | 2.50 | 30 | 30 | 40.0 | 40.0 | M20 |
| MVE500/15E | 40.12 | 28.08 | 504 | 508 | 21.0 | | 0.35 | 0.40 | 1.06 | 1.09 | 2.80 | 2.70 | 22 | 22 | 40.0 | 40.0 | M20 |
| MVE300/15E | 26.58 | 18.60 | 334 | 336 | 22.5 | | 0.62 | 0.73 | 1.32 | 1.41 | 3.00 | 3.20 | 20 | 19 | 40.0 | 40.0 | M20 |
| MVE700/15E | 56.83 | 39.36 | 714 | 712 | 27.4 | | 0.62 | 0.73 | 1.32 | 1.41 | 3.00 | 3.20 | 20 | 19 | 40.0 | 40.0 | M20 |
| MVE1100/15E | 88.67 | 62.02 | 1114 | 1122 | 35.8 | | 0.65 | 0.78 | 1.50 | 1.70 | 3.80 | 3.80 | 12 | 12 | 40.0 | 40.0 | M20 |
| MVE1400/15E | 108.57 | 76.72 | 1364 | 1388 | 59.8 | | 0.90 | 1.10 | 1.71 | 1.78 | 4.00 | 4.00 | 12 | 12 | 40.0 | 40.0 | M25 |
| MVE1700/15E | 137.31 | 91.98 | 1725 | 1664 | 61.8 | | 1.15 | 1.30 | 2.16 | 2.09 | 4.70 | 4.50 | 9 | 9 | 40.0 | 40.0 | M25 |
| MVE2400/15E | 187.69 | 137.36 | 2358 | 2485 | 68.0 | | 1.60 | 1.90 | 3.00 | 3.20 | 4.90 | 4.90 | 8 | 8 | 40.0 | 40.0 | M25 |
| MVE2500/15E | 203.53 | 135.65 | 2557 | 2454 | 90.0 | | 1.80 | 2.00 | 3.40 | 3.40 | 6.00 | 6.10 | 6 | 6 | 40.0 | 40.0 | M25 |
| MVE3000/15E | 248.66 | 169.75 | 3124 | 3071 | 97.5 | | 1.90 | 2.30 | 3.70 | 3.80 | 6.50 | 6.60 | 6 | 6 | 40.0 | 40.0 | M25 |
| MVE3800/15E | 306.69 | 204.74 | 3853 | 3704 | 130.4 | 118.4 | 2.20 | 2.60 | 4.12 | 4.15 | 6.80 | 6.80 | 5 | 5 | 40.0 | 40.0 | M32 |
| MVE4300/15E | 343.22 | 240.95 | 4312 | 4359 | 134.4 | 123.6 | 2.50 | 3.00 | 5.70 | 5.80 | 7.00 | 7.20 | 5 | 5 | 40.0 | 40.0 | M32 |
| MVE5500/15E | 437.39 | 303.74 | 5495 | 5495 | 192.2 | 190.0 | 3.60 | 3.45 | 6.50 | 6.60 | 7.10 | 7.00 | 5 | 5 | 40.0 | 40.0 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | Cable Glands |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|----------------|------|---------|------|--------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | t _e | | Max Amb | | |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Δ) | | | | | | | | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | |
| MVE7200/15E | 576.76 | 397.32 | 7246 | 7188 | 253.0 | 246.6 | 5.00 | 6.00 | 9.60 | 9.41 | 6.80 | 6.90 | 5.00 | 5.00 | 40.0 | 40.0 | M32 |
| MVE9000/15E | 717.97 | 498.76 | 9020 | 9023 | 268.6 | 257.8 | 7.50 | 8.50 | 12.00 | 12.00 | 7.00 | 7.00 | 5.00 | 5.00 | 40.0 | 40.0 | M32 |

(*)=Working moment=2static moment



IEC Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEX BAS 06.0068X/2

Baseefa Certificatenummer Baseefa06ATEX0281X/2



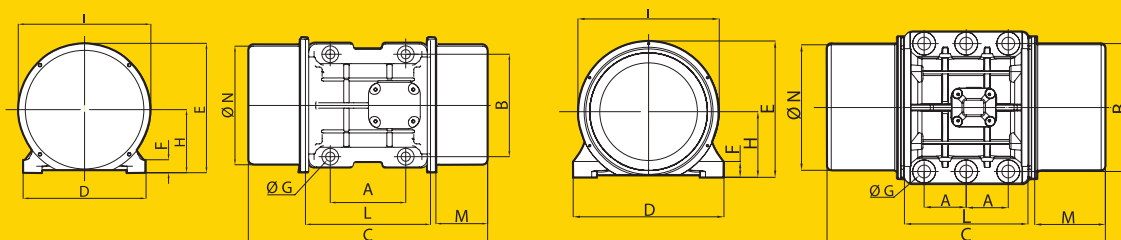
| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|-------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE200/15E | C | 30 | 260 | | 43 | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 | |
| MVE400/15E | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE500/15E | D | 40 | 338 | | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 | |
| MVE300/15E | D | 50 | 311 | | 47 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE700/15E | D | 50 | 397 | | 90 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE1100/15E | D | 50 | 451 | | 112 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 | |
| MVE1400/15E | D | 60 | 448 | | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE1700/15E | D | 60 | 448 | | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | |
| MVE2400/15E | D | 60 | 510 | 448 | 129 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE2500/15E | D | 70 | 522 | 486 | 123 | 105 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE3000/15E | D | 70 | 522 | 486 | 123 | 105 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE3800/15E | D | 75 | 588 | 538 | 140 | 115 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE4300/15E | D | 75 | 588 | | 140 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | |
| MVE5500/15E | D | 80 | 603 | | 130 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 | |

| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|-------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE7200/15E | D | 85 | 605 | | 120 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 | |
| MVE9000/15E | D | 85 | 605 | | 120 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 | |

NOTEDimensionswithcoarsedegreeofaccuracyrelatedtoUNI22768/1

Fig D

Fig E



MVE-E Increased Safety Range

▶ 6 POLES

1000 - 1200 rpm

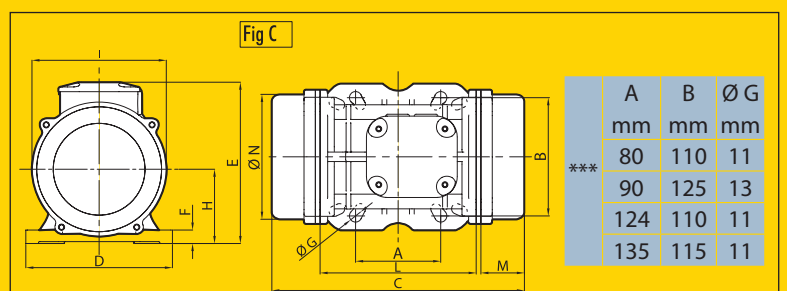
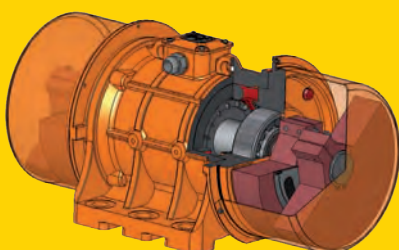
Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1

CE Declaration of conformity/type A/according to 73/23/EEC-2006/42/CE-EN60034-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | | | |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|----------------|------|-------|---------|-----|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ex | | | | Cable | | |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Y) | | Ia/In | | t _e | | | Max Amb | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | |
| MVE 50/1E | 9.49 | 6.59 | 53 | 53 | 10.4 | | 0.12 | 0.14 | 0.16 | 0.19 | 0.40 | 0.40 | 1.00 | 1.00 | 60.0 | 60.0 | 40.0 | 40.0 | M20 |
| MVE 100/1E | 18.80 | 13.18 | 105 | 106 | 12.2 | | 0.12 | 0.14 | 0.16 | 0.19 | 0.40 | 0.40 | 1.00 | 1.00 | 60.0 | 60.0 | 40.0 | 40.0 | M20 |
| MVE 200/1E | 33.49 | 23.38 | 187 | 188 | 19.6 | | 0.18 | 0.21 | 0.24 | 0.28 | 0.53 | 0.51 | 1.00 | 1.00 | 60.0 | 60.0 | 40.0 | 40.0 | M20 |
| MVE 300/1E | 56.93 | 39.85 | 318 | 320 | 26.6 | | 0.35 | 0.38 | 0.47 | 0.51 | 0.67 | 0.64 | 2.50 | 2.50 | 30.0 | 30.0 | 40.0 | 40.0 | M20 |
| MVE 500/1E | 91.88 | 64.32 | 513 | 517 | 34.0 | | 0.35 | 0.40 | 0.47 | 0.54 | 1.20 | 1.15 | 2.80 | 2.70 | 24.0 | 24.0 | 40.0 | 40.0 | M20 |
| MVE 510/1E | 91.88 | 91.88 | 513 | 739 | 34.5 | | 0.35 | 0.40 | 0.47 | 0.54 | 1.20 | 1.15 | 2.80 | 2.70 | 24.0 | 24.0 | 40.0 | 40.0 | M20 |
| MVE 800/1E | 137.37 | 108.58 | 767 | 873 | 61.8 | 59.4 | 0.68 | 0.76 | 0.91 | 1.02 | 1.29 | 1.26 | 2.80 | 2.80 | 24.0 | 24.0 | 40.0 | 40.0 | M25 |
| MVE 1100/1E | 187.69 | 137.31 | 1048 | 1104 | 79.4 | 73.0 | 0.75 | 0.80 | 1.01 | 1.07 | 1.42 | 1.32 | 3.20 | 3.10 | 19.0 | 19.0 | 40.0 | 40.0 | M25 |
| MVE 1500/1E | 284.76 | 196.51 | 1590 | 1580 | 83.6 | 76.5 | 1.10 | 1.30 | 1.48 | 1.74 | 2.10 | 2.00 | 3.30 | 3.30 | 16.0 | 16.0 | 40.0 | 40.0 | M25 |
| MVE 1600/1E | 299.63 | 203.47 | 1673 | 1636 | 99.8 | 89.0 | 1.10 | 1.30 | 1.48 | 1.74 | 2.83 | 3.22 | 3.70 | 3.60 | 13.0 | 13.0 | 40.0 | 40.0 | M25 |
| MVE 2100/1E | 373.05 | 248.74 | 2083 | 2000 | 114.3 | 100.5 | 1.50 | 1.80 | 2.01 | 2.41 | 3.00 | 3.00 | 4.30 | 4.40 | 10.0 | 10.0 | 40.0 | 40.0 | M25 |
| MVE 2600/1E | 467.44 | 306.70 | 2610 | 2466 | 148.6 | 131.5 | 1.96 | 2.10 | 2.63 | 2.82 | 3.63 | 3.38 | 4.80 | 4.80 | 9.0 | 9.0 | 40.0 | 40.0 | M32 |
| MVE 3000/1E | 540.33 | 379.71 | 3017 | 3053 | 155.4 | 137.8 | 2.20 | 2.40 | 2.95 | 3.22 | 4.50 | 4.30 | 5.00 | 5.00 | 8.0 | 8.0 | 40.0 | 40.0 | M32 |
| MVE 3800/1E | 680.38 | 437.41 | 3799 | 3517 | 215.6 | 194.8 | 2.50 | 3.00 | 3.35 | 4.02 | 4.67 | 4.88 | 5.90 | 6.00 | 6.0 | 6.0 | 40.0 | 40.0 | M32 |
| MVE 4700/1E | 838.34 | 584.17 | 4681 | 4697 | 230.8 | 212.4 | 3.20 | 3.90 | 4.29 | 5.23 | 6.50 | 6.00 | 5.50 | 5.70 | 7.0 | 7.0 | 40.0 | 40.0 | M32 |
| MVE 5200/1E | 929.86 | 654.57 | 5192 | 5263 | 279.8 | 264.2 | 3.80 | 4.00 | 5.10 | 5.36 | 6.92 | 6.36 | 5.50 | 5.50 | 7.0 | 7.0 | 40.0 | 40.0 | M32 |
| MVE 6500/1E | 1165.19 | 823.96 | 6506 | 6625 | 304.4 | 280.7 | 4.30 | 5.00 | 5.77 | 6.71 | 7.76 | 7.81 | 6.20 | 6.00 | 6.0 | 6.0 | 40.0 | 40.0 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | | | |
|--------------|---------------------|---------|------|------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|----------------|------|-------|---------|-----|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ex | | | | Cable | | |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Δ) | | Ia/In | | t _e | | | Max Amb | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | |
| MVE 8000/1E | 1435.98 | 929.80 | 8018 | 7476 | 325.2 | 290 | 7.10 | 7.50 | 9.52 | 10.06 | 12.60 | 11.60 | 6.00 | 6.20 | 6.0 | 6.0 | 40.0 | 40.0 | M32 |
| MVE 9000/1E | 1600.39 | 1165.23 | 8936 | 9369 | 337.8 | 307.6 | 7.50 | 8.30 | 10.06 | 11.13 | 13.20 | 12.60 | 6.30 | 6.20 | 5.5 | 5.5 | 40.0 | 40.0 | M32 |
| MVE 10000/1E | 1788.44 | 1239.98 | 9986 | 9970 | 385.8 | 359.3 | 7.60 | 8.00 | 10.19 | 10.73 | 13.50 | 12.70 | 6.40 | 6.40 | 5.5 | 5.5 | 40.0 | 40.0 | M32 |

(*)=Working moment=2static moment



IEC Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEX BAS 06.0068X/2

Baseefa Certificatenumber Baseefa 06ATEX0281X/2

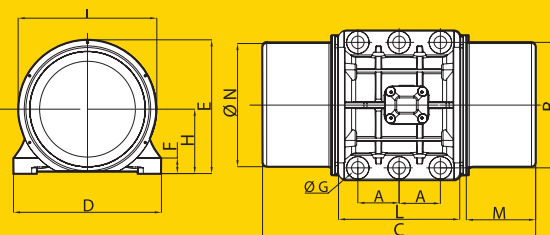
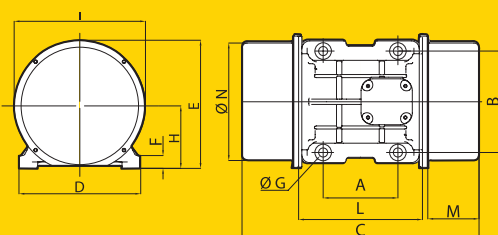


| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|--------------|----------------------|------|--------|------|--------|------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 50/1E | C | 30 | 260 | | 43 | | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 |
| MVE 100/1E | C | 30 | 300 | | 63 | | *** | *** | *** | 4 | 154 | 175 | 15 | 79 | 142 | 163 | 131 |
| MVE 200/1E | D | 40 | 338 | | 75 | | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE 300/1E | D | 50 | 397 | | 90 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 500/1E | D | 50 | 441 | | 112 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 510/1E | D | 50 | 451 | | 112 | | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE 800/1E | D | 60 | 448 | | 98 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1100/1E | D | 60 | 510 | 448 | 129 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1500/1E | D | 60 | 562 | 510 | 154 | 129 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE 1600/1E | D | 70 | 556 | 522 | 140 | 123 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE 2100/1E | D | 70 | 616 | 522 | 170 | 123 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE 2600/1E | D | 75 | 708 | 588 | 200 | 140 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE 3000/1E | D | 75 | 708 | 608 | 200 | 150 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE 3800/1E | D | 80 | 683 | 603 | 170 | 130 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 4700/1E | D | 80 | 733 | 683 | 195 | 170 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE 5200/1E | D | 85 | 685 | 605 | 160 | 120 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE 6500/1E | D | 85 | 685 | | 160 | | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 8000/1E | D | 85 | 785 | 685 | 210 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE 9000/1E | D | 85 | 785 | 685 | 210 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 200 | 422 | 325 | 378 |
| MVE 10000/1E | E | 90 | 826 | | 210 | | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |

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

Fig D

Fig E



MVE-E Increased Safety Range

▶ 8 POLES

750 - 900 rpm

Ex e II T3 Ex tD A21 T150°C IP66
II 2 GD
Standard ref.: IEC60079-0; IEC60079-7; IEC61241-0; IEC61241-1

CE Declaration of conformity/type A/according to 73/23/EEC-2006/42/CE-EN60034-1

| TYPE | Mechanical Features | | | | Electric Features | | | | | | | | | | | |
|--------------|--------------------------|-------------|------|--------------|-------------------|-------|----------------------|-------|-------|------|----------------|------|---------|------|-----------------|------|
| | Workingmoment(*) Kgcm | FC Kg | | Weight Kg | Power Kw | | Current A max (Y) | | Ia/In | | t _E | | Max Amb | | Cable Glande | |
| | | 50Hz - 60Hz | 50Hz | | 60Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | | 60Hz |
| | | | 400V | | 460V | (sec) | (sec) | (°C) | (°C) | | | | | | | |
| MVE150/075E | 33.39 | 105 | 151 | 21.4 | 0.23 | 0.25 | 1.14 | 1.14 | 1.50 | 1.50 | 30.0 | 30.0 | 40.0 | 40.0 | M20 | |
| MVE250/075E | 57.27 | 180 | 259 | 29.5 | 0.35 | 0.38 | 1.15 | 1.15 | 1.70 | 1.70 | 30.0 | 30.0 | 40.0 | 40.0 | M20 | |
| MVE400/075E | 84.02 | 264 | 380 | 35.0 | 0.35 | 0.38 | 1.15 | 1.15 | 1.90 | 1.90 | 30.0 | 30.0 | 40.0 | 40.0 | M20 | |
| MVE650/075E | 137.31 | 431 | 621 | 64.7 | 0.50 | 0.60 | 1.20 | 1.20 | 2.20 | 2.20 | 30.0 | 30.0 | 40.0 | 40.0 | M25 | |
| MVE900/075E | 187.72 | 589 | 849 | 71.0 | 0.65 | 0.78 | 1.23 | 1.29 | 2.50 | 2.50 | 25.0 | 25.0 | 40.0 | 40.0 | M25 | |
| MVE1300/075E | 299.60 | 941 | 1355 | 99.8 | 1.00 | 1.10 | 1.86 | 1.83 | 3.00 | 3.00 | 20.0 | 20.0 | 40.0 | 40.0 | M25 | |
| MVE2100/075E | 467.41 | 1468 | 2114 | 150.4 | 1.50 | 1.80 | 2.81 | 2.89 | 4.20 | 4.10 | 12.0 | 12.0 | 40.0 | 40.0 | M32 | |
| MVE3100/075E | 680.34 | 2137 | 3077 | 212.2 | 2.00 | 2.30 | 3.79 | 3.77 | 4.00 | 4.00 | 12.0 | 12.0 | 40.0 | 40.0 | M32 | |
| MVE3800/075E | 838.43 | 2633 | 3792 | 230.2 | 2.50 | 3.00 | 6.00 | 6.00 | 3.90 | 4.00 | 12.0 | 12.0 | 40.0 | 40.0 | M32 | |
| MVE4200/075E | 929.74 | 2920 | 4205 | 284.5 | 2.90 | 3.40 | 6.50 | 6.50 | 3.80 | 3.70 | 13.0 | 13.0 | 40.0 | 40.0 | M32 | |
| MVE5300/075E | 1165.22 | 3660 | 5270 | 305 | 4.00 | 4.30 | 8.50 | 8.00 | 3.80 | 4.20 | 13.0 | 12.0 | 40.0 | 40.0 | M32 | |
| MVE6500/075E | 1435.85 | 4510 | 6494 | 324.4 | 5.00 | 5.90 | 10.00 | 10.00 | 3.60 | 4.00 | 14.0 | 12.0 | 40.0 | 40.0 | M32 | |

| TYPE | Mechanical Features | | | | Electric Features | | | | | | | | | | |
|---------------|--------------------------|-------------|------|--------------|-------------------|-------|----------------------|------|-------|------|----------------|------|---------|------|-----------------|
| | Workingmoment(*) Kgcm | FC Kg | | Weight Kg | Power Kw | | Current A max (Δ) | | Ia/In | | t _E | | Max Amb | | Cable Glande |
| | | 50Hz - 60Hz | 50Hz | | 60Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | | |
| | | | 400V | | 460V | (sec) | (sec) | (°C) | (°C) | | | | | | |
| MVE10000/075E | 2200.43 | 6911 | 9952 | 422.2 | 6.80 | 7.50 | 13.50 | 12.5 | 3.5 | 4.2 | 24.8 | 22.8 | 40.0 | 40.0 | M32 |

(*)=Workingmoment=2xstaticmoment

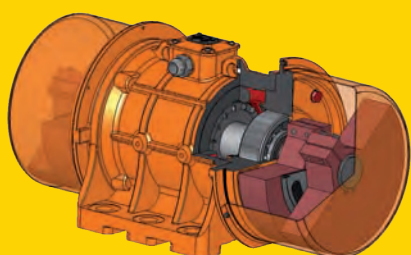
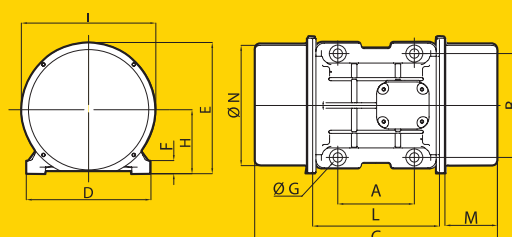


Fig D



IEC Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEX BAS 06.0068X/2

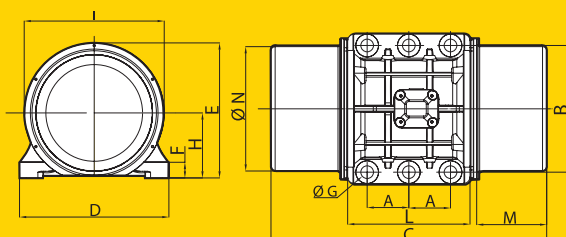
Baseefa CertificatenummerBaseefa06ATEX0281X/2



| TYPE | Dimensional Features | | | | | | | | | | | | | | |
|---------------|----------------------|------|---------------------------|---------------------------|------|------|------|-------|------|------|------|------|------|------|------|
| | FIG. | Size | C (mm) 50Hz - 60 Hz | M (mm) 50Hz - 60 Hz | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE150/075E | D | 40 | 338 | 75 | 105 | 140 | 13 | 4 | 168 | 196 | 22 | 92 | 169 | 178 | 158 |
| MVE250/075E | D | 50 | 397 | 90 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE400/075E | D | 50 | 441 | 112 | 120 | 170 | 17 | 4 | 208 | 210 | 22 | 94 | 180 | 205 | 170 |
| MVE650/075E | D | 60 | 448 | 98 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE900/075E | D | 60 | 510 | 129 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 |
| MVE1300/075E | D | 70 | 556 | 140 | 155 | 225 | 22 | 4 | 272 | 284 | 40 | 140 | 267 | 250 | 235 |
| MVE2100/075E | D | 75 | 708 | 200 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 |
| MVE3100/075E | D | 80 | 683 | 170 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE3800/075E | D | 80 | 733 | 195 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 345 | 304 | 310 |
| MVE4200/075E | D | 85 | 685 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| MVE5300/075E | D | 85 | 685 | 160 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| MVE6500/075E | D | 85 | 785 | 210 | 200 | 320 | 28 | 4 | 385 | 410 | 49 | 199 | 422 | 325 | 378 |
| TYPE | Dimensional Features | | | | | | | | | | | | | | |
| | FIG. | Size | C (mm) 50Hz - 60 Hz | M (mm) 50Hz - 60 Hz | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE10000/075E | E | 90 | 926 | 260 | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 422 | 367 | 378 |

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

Fig E



MVE-D Explosion Proof Range

▶ 2 POLES

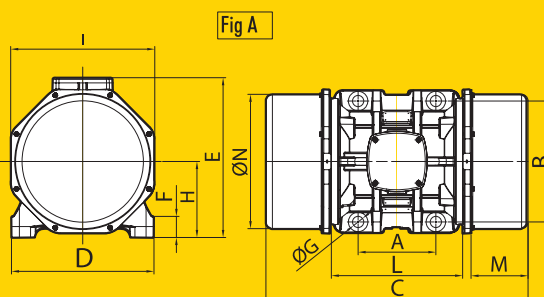
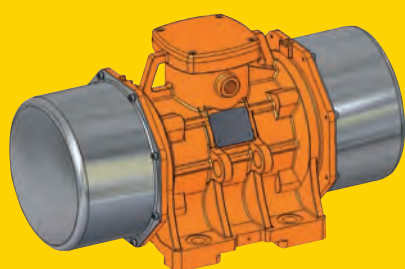
3000 - 3600 rpm

CE Declaration of conformity type A according to 73/23/EEC-2006/42/CE-EN60034-1

Ex II2 GD Exd IIB T4 Ex tD A21 IP66 T135°C
 Ex d IIB T4 Gb
 Ex tD A21 IIIC T135°C Db IP66
 Standard ref.: IEC60079-0; IEC60079-1; IEC61241-0; IEC 61241-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | |
|-------------|---------------------|-------|------|------|--------|-------|-------------------|-------|---------|-------|-------|------|--------------|----------|-----------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | Ex | | Cable Glande |
| | Kgcm | | Kg | | Kg | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Dust (°C) | Gas T | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | |
| MVE 800/3D | 15.68 | 11.06 | 794 | 800 | 29.0 | | 0.75 | 0.90 | 1.45 | 1.50 | 3.80 | 3.80 | 135 | T4 | |
| MVE 1300/3D | 27.58 | 18.86 | 1355 | 1365 | 30.4 | | 1.30 | 1.38 | 2.44 | 2.25 | 5.20 | 5.00 | 135 | T4 | M20 |
| MVE 1600/3D | 31.26 | 22.22 | 1601 | 1608 | 60.0 | 59.6 | 1.57 | 1.60 | 2.94 | 2.61 | 5.90 | 6.20 | 135 | T4 | M25 |
| MVE 2000/3D | 36.78 | 27.60 | 2027 | 1997 | 61.2 | 60.4 | 2.00 | 2.10 | 3.75 | 3.42 | 6.50 | 6.40 | 135 | T4 | M25 |
| MVE 2300/3D | 45.97 | 31.87 | 2302 | 2306 | 62.0 | 60.0 | 2.40 | 2.45 | 4.44 | 3.94 | 6.00 | 6.30 | 135 | T4 | M25 |
| MVE 3200/3D | 68.10 | 43.89 | 3252 | 3176 | 111.4 | 109.8 | 2.90 | 2.90 | 5.30 | 4.61 | 8.30 | 8.20 | 135 | T4 | M32 |
| MVE 4000/3D | 79.40 | 55.99 | 4033 | 4052 | 115.4 | 111.4 | 2.90 | 2.90 | 5.30 | 4.61 | 8,5 | 9,7 | 135 | T4 | M32 |

(*)=Working moment=2xstatic moment



 Standard ref.:
 IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
 IECEx BAS 06.0068X/2

 Certno:TUV08ATEX362386X



| TYPE | Dimensional Features | | | | | | | | | | | | | | |
|-------------|----------------------|------|---------------------------|---------------------------|------|------|------|-------|------|------|------|------|------|------|-------|
| | FIG. | Size | C (mm) 50Hz - 60 Hz | M (mm) 50Hz - 60 Hz | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | | | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE 800/3D | A | 50 | 335 | 65 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 166.5 |
| MVE 1300/3D | A | 50 | 335 | 65 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 166.5 |
| MVE 1600/3D | A | 60 | 478 | 105 | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE 2000/3D | A | 60 | 478 | 105 | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE 2300/3D | A | 63 | 478 | 105 | 140 | 190 | 22 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE 3200/3D | A | 75 | 569 | 115 | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 298 | 265 |
| MVE 4000/3D | A | 75 | 569 | 115 | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 298 | 265 |

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

MVE-D Explosion Proof Range

▶ 4 POLES

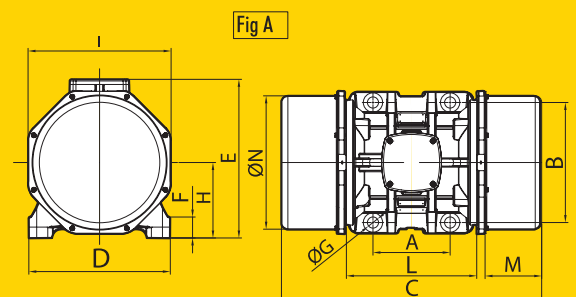
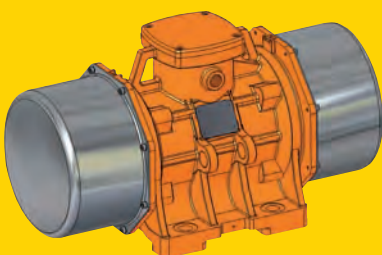
1500 - 1800 rpm

CE Declaration of conformity type A according to 73/23/EEC-2006/42/CE-EN60034-1

Ex II2 GD Exd IIB T4 Ex tD A21 IP66 T135°C
 Ex d IIB T4 Gb
 Ex tD A21 IIIC T135°C Db IP66
 Standard ref.: IEC60079-0; IEC60079-1; IEC61241-0; IEC 61241-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|------|-----|-----------------|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ia/In | | Ex | | Cable Glande |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Y) | | | | Dust | Gas | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | (°C) | T | |
| MVE700/15D | 56.83 | 39.36 | 714 | 712 | 35.8 | | 0.62 | 0.73 | 0.83 | 0.98 | 1.32 | 1.41 | 3.00 | 3.20 | 135 | T4 | M20 |
| MVE1100/15D | 88.67 | 56.83 | 1114 | 1028 | 44.2 | 39.2 | 0.65 | 0.78 | 0.87 | 1.05 | 1.50 | 1.70 | 3.80 | 3.80 | 135 | T4 | M20 |
| MVE1400/15D | 108.57 | 76.72 | 1364 | 1388 | 68.2 | 66.6 | 0.90 | 1.10 | 1.21 | 1.48 | 1.71 | 1.78 | 4.00 | 4.00 | 135 | T4 | M25 |
| MVE1700/15D | 137.31 | 91.98 | 1725 | 1664 | 70.2 | 67.8 | 1.15 | 1.30 | 1.54 | 1.74 | 2.16 | 2.09 | 4.70 | 4.50 | 135 | T4 | M25 |
| MVE2400/15D | 187.69 | 137.36 | 2358 | 2485 | 76.4 | 70.4 | 1.60 | 1.90 | 2.15 | 2.55 | 3.00 | 3.20 | 4.90 | 4.90 | 135 | T4 | M25 |
| MVE2500/15D | 203.53 | 135.65 | 2557 | 2454 | 98.4 | 92.4 | 1.80 | 2.00 | 2.41 | 2.68 | 3.40 | 3.40 | 6.00 | 6.10 | 135 | T4 | M25 |
| MVE3000/15D | 248.66 | 169.75 | 3124 | 3071 | 105.9 | 95.4 | 1.90 | 2.30 | 2.55 | 3.08 | 3.70 | 3.80 | 6.50 | 6.60 | 135 | T4 | M25 |
| MVE3800/15D | 306.69 | 204.74 | 3853 | 3704 | 138.4 | 126.8 | 2.20 | 2.60 | 2.95 | 3.49 | 4.12 | 4.15 | 6.80 | 6.80 | 135 | T4 | M32 |
| MVE3810/15D | 306.69 | 204.74 | 3853 | 3704 | 140.5 | 128.9 | 2.20 | 2.60 | 2.95 | 3.49 | 4.12 | 4.15 | 6.80 | 6.80 | 135 | T4 | M32 |
| MVE4300/15D | 343.22 | 240.95 | 4312 | 4359 | 142.8 | 132.0 | 2.50 | 3.00 | 3.35 | 4.02 | 5.70 | 5.80 | 7.00 | 7.20 | 135 | T4 | M32 |
| MVE5500/15D | 437.39 | 303.74 | 5495 | 5495 | 200.6 | 198.4 | 3.60 | 3.45 | 4.83 | 4.63 | 6.50 | 6.60 | 7.10 | 7.00 | 135 | T4 | M32 |

(*)=Working moment=2xstatic moment



IEC Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEx BAS 06.0068X/2

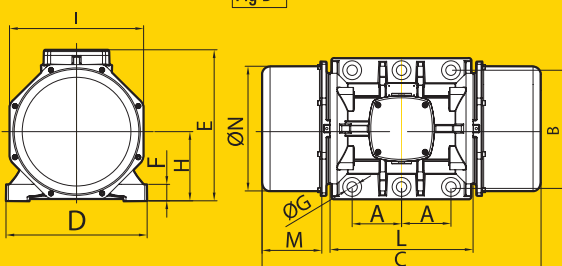
Certno:TUV08ATEX362386X



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|-------------|----------------------|------|-----------|------|-----------|------|-----------|-----------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | FIG. | Size | C (mm) | | M (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | | | | | | | | | | | |
| MVE 700/15D | A | 50 | 405 | | 100 | | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 167 |
| MVE1100/15D | A | 50 | 467 | 405 | 131 | 100 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 167 |
| MVE1400/15D | A | 60 | 478 | | 105 | | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE1700/15D | A | 63 | 478 | | 105 | | 140 | 190 | 22 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE2400/15D | A | 63 | 538 | | 135 | | 140 | 190 | 22 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE2500/15D | A | 70 | 526 | | 115 | | 155 | 225 | 22 | 4 | 274 | 309 | 35 | 140 | 255 | 264 | 236 |
| MVE3000/15D | A | 70 | 590 | | 147 | | 155 | 225 | 22 | 4 | 274 | 309 | 35 | 140 | 255 | 264 | 236 |
| MVE3800/15D | A | 75 | 619 | | 140 | | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 304 | 265 |
| MVE3810/15D | B | 77 | 619 | | 140 | | 105 | 248 | 22 | 6 | 300 | 321 | 35 | 147 | 285 | 304 | 265 |
| MVE4300/15D | A | 75 | 619 | | 140 | | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 304 | 265 |
| MVE5500/15D | A | 80 | 613 | | 135 | | 180 | 280 | 26 | 4 | 330 | 370 | 50 | 176 | 334 | 304 | 311 |

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

Fig B



MVE-D Explosion Proof Range

▶ 6 POLES

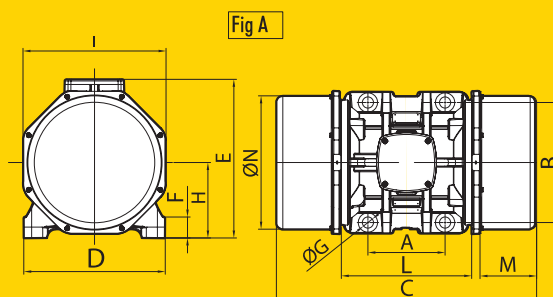
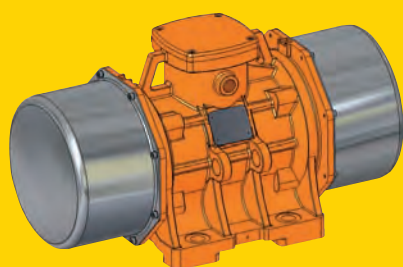
1000 - 1200 rpm

CE Declaration of conformity type A according to 73/23/EEC-2006/42/CE-EN60034-1

Ex II2 GD Exd IIB T4 Ex tD A21 IP66 T135°C
 Ex d IIB T4 Gb
 Ex tD A21 IIIC T135°C Db IP66
 Standard ref.: IEC60079-0; IEC60079-1; IEC61241-0; IEC 61241-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | | | | |
|------------|---------------------|-------|------|------|--------|-------|-------------------|-------|-------|-------|-----------|-------|-------|------|------|-----|--------------|
| | Working moment | | FC | | Weight | | Power | | | | Current | | Ia/In | | Ex | | Cable Glands |
| | Kgcm | | Kg | | Kg | | Kw | | Hp | | A max (Y) | | | | Dust | Gas | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | (°C) | T | |
| MVE 500/1D | 91.88 | 91.88 | 513 | 739 | 34.0 | | 0.35 | 0.4 | 0.5 | 0.5 | 1.2 | 1.2 | 2.8 | 2.7 | 135 | T4 | M20 |
| MVE 800/1D | 137 | 109 | 767 | 873 | 70.2 | 67.8 | 0.7 | 0.8 | 0.9 | 1.0 | 1.3 | 1.3 | 2.8 | 2.8 | 135 | T4 | M25 |
| MVE1100/1D | 188 | 137 | 1048 | 1104 | 87.8 | 81.4 | 0.8 | 0.8 | 1.0 | 1.1 | 1.4 | 1.3 | 3.2 | 3.1 | 135 | T4 | M25 |
| MVE1500/1D | 285 | 197 | 1590 | 1580 | 92.0 | 84.9 | 1.1 | 1.3 | 1.5 | 1.7 | 2.1 | 2.0 | 3.3 | 3.3 | 135 | T4 | M25 |
| MVE1600/1D | 300 | 203 | 1673 | 1636 | 108.4 | 97.4 | 1.1 | 1.3 | 1.5 | 1.7 | 2.8 | 3.2 | 3.7 | 3.6 | 135 | T4 | M25 |
| MVE2100/1D | 373 | 249 | 2083 | 2000 | 122.7 | 108.9 | 1.5 | 1.8 | 2.0 | 2.4 | 3.0 | 3.0 | 4.3 | 4.4 | 135 | T4 | M25 |
| MVE2600/1D | 467 | 307 | 2610 | 2466 | 157.0 | 139.9 | 2.0 | 2.1 | 2.6 | 2.8 | 3.6 | 3.4 | 4.8 | 4.8 | 135 | T4 | M32 |
| MVE3000/1D | 540 | 380 | 3017 | 3053 | 163.8 | 146.2 | 2.2 | 2.4 | 3.0 | 3.2 | 4.5 | 4.3 | 5.0 | 5.0 | 135 | T4 | M32 |
| MVE3800/1D | 680 | 437 | 3799 | 3517 | 224.0 | 203.2 | 2.5 | 3.0 | 3.4 | 4.0 | 4.7 | 4.9 | 5.9 | 6.0 | 135 | T4 | M32 |
| MVE4700/1D | 838 | 584 | 4681 | 4697 | 239.2 | 220.8 | 3.2 | 3.9 | 4.3 | 5.2 | 6.5 | 6.0 | 5.5 | 5.7 | 135 | T4 | M32 |

(*)=Working moment=2xstatic moment



Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEX BAS 06.0068X/2

Certno:TUV08ATEX362386X



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|------------|----------------------|------|-----------|------|-----------|------|------|------|------|-------|------|------|------|------|-------|------|------|
| | FIG. | Size | C (mm) | | M (mm) | | A | B | Ø G | Holes | D | E | F | H | I | L | N |
| | | | 50Hz | 60Hz | 50Hz | 60Hz | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE 500/1D | A | 50 | 467 | 131 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 166.5 | | |
| MVE 800/1D | A | 60 | 478 | 105 | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 | | |
| MVE1100/1D | A | 63 | 538 | 135 | 140 | 190 | 22 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 | | |
| MVE1500/1D | A | 60 | 598 | 165 | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 | | |
| MVE1600/1D | A | 70 | 590 | 147 | 155 | 225 | 22 | 4 | 274 | 309 | 35 | 140 | 255 | 264 | 236 | | |
| MVE2100/1D | A | 70 | 650 | 177 | 155 | 225 | 22 | 4 | 274 | 309 | 35 | 140 | 255 | 264 | 236 | | |
| MVE2600/1D | A | 75 | 739 | 200 | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 304 | 265 | | |
| MVE3000/1D | A | 75 | 739 | 200 | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 304 | 265 | | |
| MVE3800/1D | A | 80 | 693 | 175 | 180 | 280 | 26 | 4 | 330 | 370 | 50 | 176 | 334 | 304 | 311 | | |
| MVE4700/1D | A | 80 | 753 | 205 | 180 | 280 | 26 | 4 | 330 | 370 | 50 | 176 | 334 | 304 | 311 | | |

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

MVE-D Explosion Proof Range

▶ 8 POLES

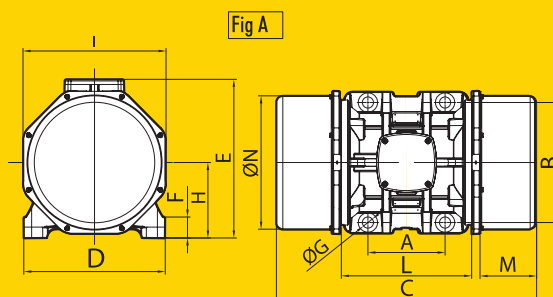
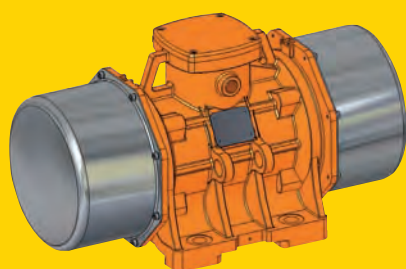
750 - 900 rpm

CE Declaration of conformity type A according to 73/23/EEC-2006/42/CE-EN60034-1

Ex II2 GD Exd IIB T4 Ex tD A21 IP66 T135°C
 Ex d IIB T4 Gb
 Ex tD A21 IIIC T135°C Db IP66
 Standard ref.: IEC60079-0; IEC60079-1; IEC61241-0; IEC 61241-1

| TYPE | Mechanical Features | | | | | Electric Features | | | | | | | | |
|--------------|---------------------------|-------------|------|--------|-------|-------------------|-------|---------|-----------|-------|------|------|--------------|-----------------|
| | Working moment(*) Kgcm | FC | | Weight | | Power | | Current | | Ia/In | | Ex | | Cable Glands |
| | | 50Hz - 60Hz | 50Hz | 60Hz | Kg | Lb | 50 Hz | 60 Hz | A max (Y) | | 50Hz | 60Hz | Dust (°C) | |
| | 400V | | 460V | | | | | | | | | | | |
| MVE250/075D | 57.27 | 180 | 259 | 37.9 | 83.6 | 0.35 | 0.38 | 1.15 | 1.15 | 1.70 | 1.70 | 135 | T4 | M20 |
| MVE400/075D | 84.02 | 264 | 380 | 43.4 | 95.7 | 0.35 | 0.38 | 1.15 | 1.15 | 1.90 | 1.90 | 135 | T4 | M20 |
| MVE650/075D | 137.31 | 431 | 621 | 73.1 | 161.2 | 0.50 | 0.60 | 1.20 | 1.20 | 2.20 | 2.20 | 135 | T4 | M25 |
| MVE900/075D | 187.72 | 589 | 849 | 79.4 | 175.0 | 0.65 | 0.78 | 1.23 | 1.29 | 2.50 | 2.50 | 135 | T4 | M25 |
| MVE1300/075D | 299.60 | 941 | 1355 | 108.2 | 238.5 | 1.00 | 1.10 | 1.86 | 1.83 | 3.00 | 3.00 | 135 | T4 | M25 |
| MVE2100/075D | 467.41 | 1468 | 2114 | 158.8 | 350.1 | 1.50 | 1.80 | 2.81 | 2.89 | 4.20 | 4.10 | 135 | T4 | M32 |
| MVE3100/075D | 680.34 | 2137 | 3077 | 220.6 | 486.3 | 2.00 | 2.30 | 3.79 | 3.77 | 4.00 | 4.00 | 135 | T4 | M32 |
| MVE3800/075D | 838.43 | 2633 | 3792 | 238.6 | 526.0 | 2.50 | 3.00 | 6.00 | 6.00 | 3.90 | 4.00 | 135 | T4 | M32 |

(*)=Working moment=2static moment



Standard ref.:
IEC60079-0/IEC60079-7/IEC61241-0/IEC61241-1
IECEx BAS 06.0068X/2

Certno:TUV08ATEX362386X



| TYPE | Dimensional Features | | | | | | | | | | | | | | |
|--------------|----------------------|------|----------------------|----------------------|------|------|------|-------|-----|------|------|------|------|------|------|
| | FIG. | Size | C | M | A | B | ØG | Holes | D | E | F | H | I | L | N |
| | | | (mm) 50Hz - 60 Hz | (mm) 50Hz - 60 Hz | (mm) | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE250/075D | A | 50 | 405 | 100 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 167 |
| MVE400/075D | A | 50 | 467 | 131 | 120 | 170 | 17 | 4 | 209 | 240 | 28 | 103 | 195 | 205 | 167 |
| MVE650/075D | A | 60 | 478 | 105 | 140 | 190 | 17 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE900/075D | A | 63 | 538 | 135 | 140 | 190 | 22 | 4 | 234 | 267 | 31 | 124 | 238 | 234 | 222 |
| MVE1300/075D | A | 70 | 590 | 147 | 155 | 225 | 22 | 4 | 274 | 309 | 35 | 140 | 255 | 264 | 236 |
| MVE2100/075D | A | 75 | 739 | 200 | 155 | 255 | 23.5 | 4 | 300 | 321 | 35 | 147 | 285 | 304 | 265 |
| MVE3100/075D | A | 80 | 743 | 200 | 180 | 280 | 26 | 4 | 330 | 370 | 50 | 176 | 334 | 304 | 311 |
| MVE3800/075D | A | 80 | 743 | 200 | 180 | 280 | 26 | 4 | 330 | 370 | 50 | 176 | 334 | 304 | 311 |

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

MVE-S with Split Cover

▶ 4 POLES

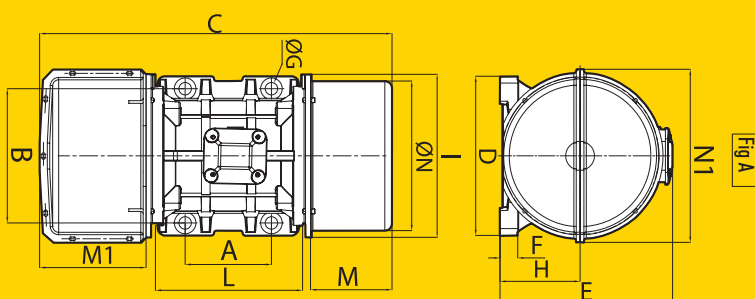
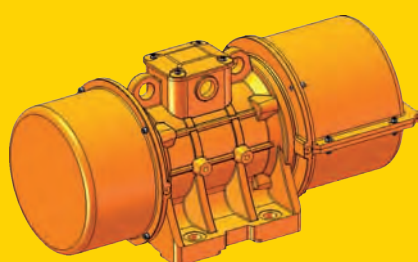
1500 - 1800 rpm


CE Declaration of conformity/type A according to:
-73/23/EEC-2006/42/CE-EN 60034-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | |
|--------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|------------|-------|
| | Working moment(*) | | FC | | Weight | | Power | | Current | | Ia/In | | Ex | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | |
| | | | | | | | | 400V | 460V | | | (°C) | Glande | |
| MVE 1400/15S | 108.57 | 76.72 | 1364 | 1388 | 59.8 | 58.2 | 0.90 | 1.10 | 1.71 | 1.78 | 4.00 | 4.00 | 135 | M25 |
| MVE 1700/15S | 137.31 | 91.98 | 1725 | 1664 | 61.8 | 59.4 | 1.15 | 1.30 | 2.16 | 2.09 | 4.70 | 4.50 | 135 | M25 |
| MVE 2400/15S | 187.69 | 137.36 | 2358 | 2485 | 68.0 | 62.0 | 1.60 | 1.90 | 3.00 | 3.20 | 4.90 | 4.90 | 135 | M25 |
| MVE 3800/15S | 306.69 | 204.74 | 3853 | 3704 | 130.4 | 118.4 | 2.20 | 2.60 | 4.12 | 4.15 | 6.80 | 6.80 | 135 | M32 |
| MVE 4300/15S | 343.22 | 240.95 | 4312 | 4359 | 134.4 | 123.6 | 2.50 | 3.00 | 5.70 | 5.80 | 7.00 | 7.20 | 135 | M32 |
| MVE 5500/15S | 437.39 | 303.74 | 5495 | 5495 | 192.2 | 190.0 | 3.60 | 3.45 | 6.50 | 6.60 | 7.10 | 7.00 | 135 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | |
|--------------|---------------------|--------|-------|-------|--------|-------|-------------------|-------|-----------|-------|-------|------|------------|-------|
| | Working moment(*) | | FC | | Weight | | Power | | Current | | Ia/In | | Ex | Cable |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Δ) | | | | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | |
| | | | | | | | | 400V | 460V | | | (°C) | Glande | |
| MVE 7200/15S | 576.76 | 397.32 | 7246 | 7188 | 253.0 | 246.6 | 5.00 | 6.00 | 9.60 | 9.41 | 6.80 | 6.90 | 135 | M32 |
| MVE 9000/15S | 717.97 | 498.76 | 9020 | 9023 | 268.6 | 258 | 7.50 | 8.50 | 12.00 | 12.00 | 7.00 | 7.00 | 135 | M32 |
| MVE10000/15S | 800.11 | 588.30 | 10052 | 10643 | 312 | 297 | 7.80 | 9.40 | 13.00 | 13.00 | 6.50 | 6.40 | 135 | M32 |

(*)=Working moment=2static moment



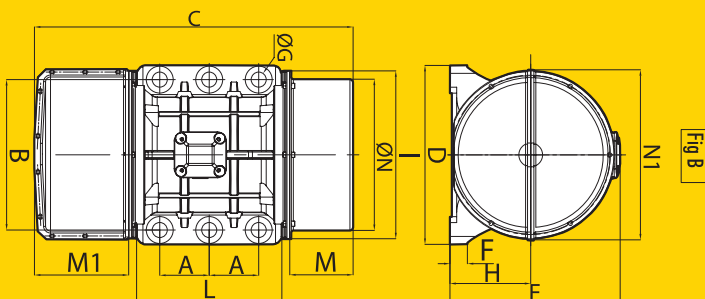
 - II3 D Ex tD A22 Tx IP66
 - TÜV NORD Statement of Conformity Number TUV05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10



| Dimensional Features | | | | | | | | | | | | | | | | | | | |
|----------------------|------|-----------|------|-----------|------|-----------------|-------------|-----------|-----------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| FIG. | Size | C (mm) | | M (mm) | | M1 (mm) (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) | N1 (mm) |
| | | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz - 60Hz | 50Hz - 60Hz | | | | | | | | | | | | |
| A | 60 | 538 | | 98 | | 188 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | 272 |
| A | 60 | 538 | | 98 | | 188 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | 272 |
| A | 60 | 569 | 538 | 128 | 98 | 188 | | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 247 | 220 | 222 | 272 |
| A | 75 | 677 | 652 | 140 | 115 | 229 | | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | 315 |
| A | 75 | 677 | | 140 | | 229 | | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 264 | 315 |
| A | 80 | 695 | | 130 | | 222 | | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 340 | 304 | 310 | 361 |

| Dimensional Features | | | | | | | | | | | | | | | | | | | |
|----------------------|------|-----------|------|-----------|------|-----------------|-------------|-----------|-----------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| FIG. | Size | C (mm) | | M (mm) | | M1 (mm) (mm) | | A (mm) | B (mm) | Ø G (mm) | Holes n° | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) | N1 (mm) |
| | | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz - 60Hz | 50Hz - 60Hz | | | | | | | | | | | | |
| A | 85 | 723 | | 120 | | 238 | | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |
| A | 85 | 723 | | 120 | | 238 | | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |
| B | 90 | 726 | 765 | 160 | 120 | 238 | | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 424 | 367 | 382 | 430 |

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



MVE-S with Split Cover

▶ 6 POLES

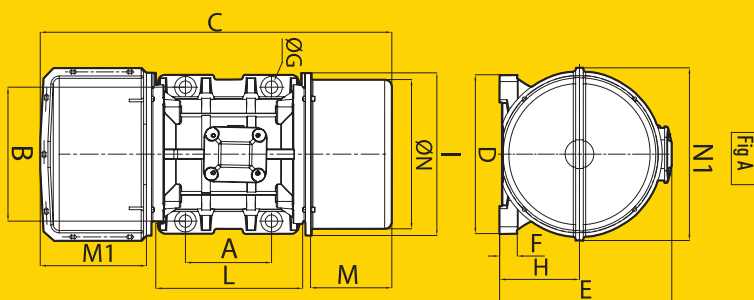
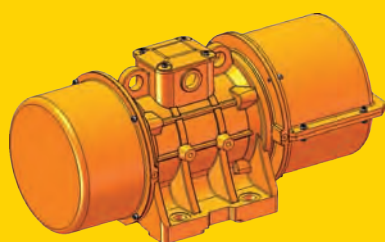
1000 - 1200 rpm


CE Declaration of conformity/type A according to:
-73/23/EEC-2006/42/CE-EN 60034-1

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | |
|-------------|---------------------|--------|------|------|--------|-------|-------------------|-------|-----------|-------|-------|------|------------|-----------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | Ex | Cable Glande |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Y) | | | | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | |
| | | | | | | 400V | 460V | | | | | (°C) | | |
| MVE 800/1S | 137.37 | 108.58 | 767 | 873 | 61.8 | 59.4 | 0.68 | 0.76 | 1.29 | 1.26 | 2.80 | 2.80 | 135 | M25 |
| MVE 1100/1S | 187.69 | 137.31 | 1048 | 1104 | 79.4 | 73.0 | 0.75 | 0.80 | 1.42 | 1.32 | 3.20 | 3.10 | 135 | M25 |
| MVE 1500/1S | 284.76 | 196.51 | 1590 | 1580 | 83.6 | 76.5 | 1.10 | 1.30 | 2.10 | 2.00 | 3.30 | 3.30 | 135 | M25 |
| MVE 2600/1S | 467.44 | 306.70 | 2610 | 2466 | 148.6 | 131.5 | 1.96 | 2.10 | 3.63 | 3.38 | 4.80 | 4.80 | 135 | M32 |
| MVE 3000/1S | 540.33 | 379.71 | 3017 | 3053 | 155.4 | 137.8 | 2.20 | 2.40 | 4.50 | 4.30 | 5.00 | 5.00 | 135 | M32 |
| MVE 3800/1S | 680.38 | 437.41 | 3799 | 3517 | 215.6 | 194.8 | 2.50 | 3.00 | 4.67 | 4.88 | 5.90 | 6.00 | 135 | M32 |
| MVE 4700/1S | 838.34 | 584.17 | 4681 | 4697 | 230.8 | 212.4 | 3.20 | 3.90 | 6.50 | 6.00 | 5.50 | 5.70 | 135 | M32 |
| MVE 5200/1S | 929.86 | 654.57 | 5192 | 5263 | 279.8 | 264.2 | 3.80 | 4.00 | 6.92 | 6.36 | 5.50 | 5.50 | 135 | M32 |
| MVE 6500/1S | 1165.19 | 823.96 | 6506 | 6625 | 304.4 | 280.7 | 4.30 | 5.00 | 7.76 | 7.81 | 6.20 | 6.00 | 135 | M32 |

| TYPE | Mechanical Features | | | | | | Electric Features | | | | | | | |
|--------------|---------------------|---------|------|------|--------|------|-------------------|-------|-----------|-------|-------|------|------------|-----------------|
| | Working moment | | FC | | Weight | | Power | | Current | | Ia/In | | Ex | Cable Glande |
| | Kgcm | | Kg | | Kg | | Kw | | A max (Δ) | | | | II 3 D | |
| | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp.Class | |
| | | | | | | 400V | 460V | | | | | (°C) | | |
| MVE 8000/1S | 1435.98 | 929.80 | 8018 | 7476 | 325 | 290 | 7.10 | 7.50 | 12.60 | 11.60 | 6.00 | 6.20 | 135 | M32 |
| MVE 9000/1S | 1600.39 | 1165.23 | 8936 | 9369 | 338 | 308 | 7.50 | 8.30 | 13.20 | 12.60 | 6.30 | 6.20 | 135 | M32 |
| MVE 10000/1S | 1788.44 | 1239.98 | 9986 | 9970 | 386 | 359 | 7.60 | 8.00 | 13.50 | 12.70 | 6.40 | 6.40 | 135 | M32 |

(*)=Working moment=2static moment



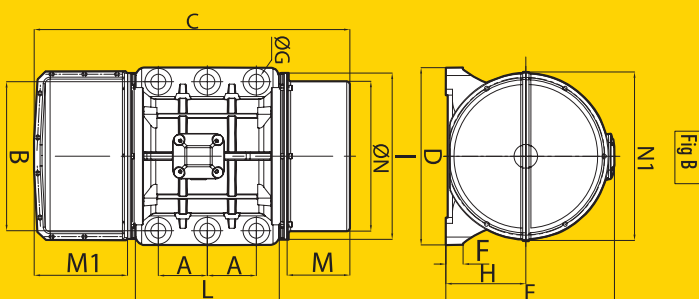
 - IIB D Ex tD A22 Tx IP66
 - TUVNORD Statement Conformity Number TUV05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10



| Dimensional Features | | | | | | | | | | | | | | | | | | |
|----------------------|------|--------|------|--------|------|-------------|--------|--------|----------|------------|--------|--------|--------|--------|--------|--------|--------|---------|
| FIG. | Size | C (mm) | | M (mm) | | M1 (mm) | A (mm) | B (mm) | Ø G (mm) | Holes (n°) | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) | N1 (mm) |
| | | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz - 60Hz | | | | | | | | | | | | |
| A | 60 | 538 | | 98 | | 188 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 245 | 220 | 222 | 272 |
| A | 60 | 569 | 538 | 129 | 98 | 188 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 245 | 220 | 222 | 272 |
| A | 60 | 596 | 569 | 188 | 128 | 188 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 235 | 220 | 222 | 272 |
| A | 75 | 737 | | 200 | | 229 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 265 | 315 |
| A | 75 | 737 | | 200 | | 229 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 265 | 315 |
| A | 80 | 683 | 695 | 170 | 130 | 222 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 340 | 304 | 310 | 361 |
| A | 80 | 760 | 683 | 195 | 170 | 222 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 340 | 304 | 310 | 361 |
| A | 85 | 770 | 723 | 160 | 120 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |
| A | 85 | 763 | 770 | 160 | | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |

| Dimensional Features | | | | | | | | | | | | | | | | | | |
|----------------------|------|--------|------|--------|------|-------------|--------|--------|----------|------------|--------|--------|--------|--------|--------|--------|--------|---------|
| FIG. | Size | C (mm) | | M (mm) | | M1 (mm) | A (mm) | B (mm) | Ø G (mm) | Holes (n°) | D (mm) | E (mm) | F (mm) | H (mm) | I (mm) | L (mm) | N (mm) | N1 (mm) |
| | | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz - 60Hz | | | | | | | | | | | | |
| A | 85 | 785 | 770 | 210 | 160 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |
| A | 85 | 785 | 763 | 210 | 160 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 430 |
| B | 90 | 855 | | | | 238 | 125 | 380 | 38 | 6 | 452 | 430 | 44 | 204 | 424 | 367 | 378 | 430 |

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



MVE-S with Split Cover

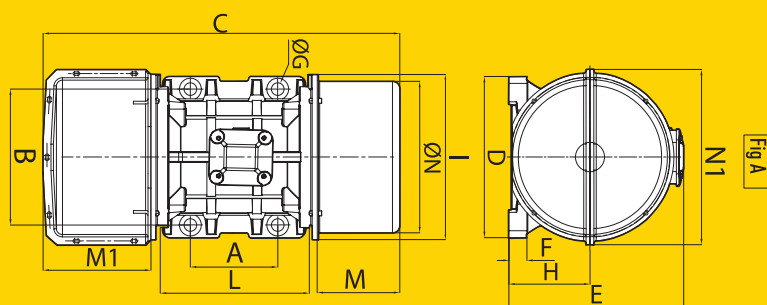
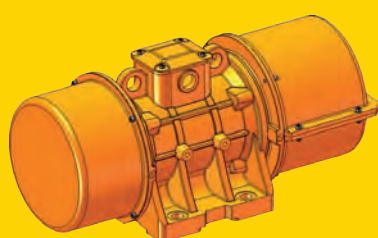
▶ 8 POLES


850 - 900 rpm

CE Declaration of conformity/type A according to:
- 73/23/EEC - 2006/42/CE - EN 60034-1

| TYPE | Mechanical Features | | | | Electric Features | | | | | | | |
|---------------|--|----------|------|-----------------------------|-------------------|-------|----------------------|-------|-------|------|--------------------|----------------------------------|
| | Working moment (*) Kgc 50Hz - 60Hz | FC Kg | | Weight Kg 50Hz - 60Hz | Power Kw | | Current A max (Y) | | Ia/In | | Ex II 3 D | Cable Glande Class Temp |
| | | 50Hz | 60Hz | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50Hz | 60Hz | Temp Class (°C) | |
| | | | | | | | | | | | | |
| MVE 650/075S | 137.31 | 431 | 621 | 64.7 | 0.50 | 0.60 | 1.20 | 1.20 | 2.20 | 2.20 | 135 | M25 |
| MVE 900/075S | 187.72 | 589 | 849 | 71.0 | 0.65 | 0.78 | 1.23 | 1.29 | 2.50 | 2.50 | 135 | M25 |
| MVE 2100/075S | 467.41 | 1468 | 2114 | 150.4 | 1.50 | 1.80 | 2.81 | 2.89 | 4.20 | 4.10 | 135 | M32 |
| MVE 3100/075S | 680.34 | 2137 | 3077 | 212.2 | 2.00 | 2.30 | 3.79 | 3.77 | 4.00 | 4.00 | 135 | M32 |
| MVE 3800/075S | 838.43 | 2633 | 3792 | 230.2 | 2.50 | 3.00 | 6.00 | 6.00 | 3.90 | 4.00 | 135 | M32 |
| MVE 4200/075S | 929.74 | 2920 | 4205 | 284.5 | 2.90 | 3.40 | 6.50 | 6.50 | 3.80 | 3.70 | 135 | M32 |
| MVE 5300/075S | 1165.22 | 3660 | 5270 | 305 | 4.00 | 4.30 | 8.50 | 8.00 | 3.80 | 4.20 | 135 | M32 |
| MVE 6500/075S | 1435.85 | 4510 | 6494 | 324.4 | 5.00 | 5.90 | 10.00 | 10.00 | 3.60 | 4.00 | 135 | M32 |

(*)=Working moment=2xstatic moment

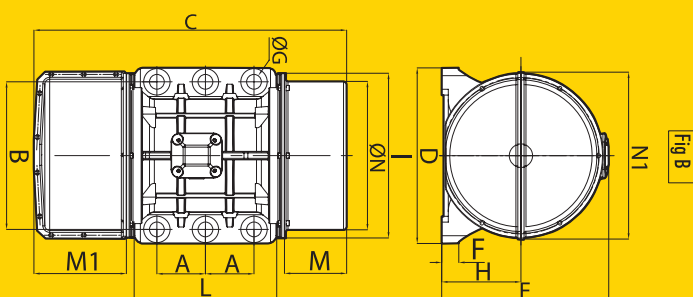


 - II3 D Ex tD A22 Tx IP66
 - TUVNORD Statement Conformity Number TU05ATEX2768X
 - Equipment and protective system intended for use in potentially explosive atmospheres (Zone 22) - Directive 94/9/EC
 - Compliance with Essential Health and Safety Requirements
 - EN 61241-10



| TYPE | Dimensional Features | | | | | | | | | | | | | | | | |
|--------------|----------------------|------|-------------------|-------------------|-------------------|------|------|------|-------|------|------|------|------|------|------|------|------|
| | FIG. | Size | C | M | M1 | A | B | Ø G | Holes | D | E | F | H | I | L | N | N1 |
| | | | (mm) 50Hz-60Hz | (mm) 50Hz-60Hz | (mm) 50Hz-60Hz | (mm) | (mm) | (mm) | n° | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| MVE650/075S | A | 60 | 569 | 128 | 188 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 245 | 220 | 222 | 272 |
| MVE900/075S | A | 60 | 569 | 128 | 188 | 140 | 190 | 17 | 4 | 229 | 247 | 30 | 120 | 245 | 220 | 222 | 272 |
| MVE2100/075S | A | 75 | 737 | 200 | 229 | 155 | 255 | 23.5 | 4 | 302 | 318 | 35 | 147 | 295 | 273 | 265 | 315 |
| MVE3100/075S | A | 80 | 683 | 170 | 222 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 340 | 304 | 310 | 361 |
| MVE3800/075S | A | 80 | 760 | 195 | 222 | 180 | 280 | 26 | 4 | 332 | 360 | 37 | 167 | 340 | 304 | 310 | 361 |
| MVE4200/075S | A | 85 | 770 | 160 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 420 |
| MVE5300/075S | A | 85 | 763 | 160 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 420 |
| MVE6500/075S | A | 85 | 785 | 210 | 238 | 200 | 320 | 28 | 4 | 378 | 410 | 50 | 200 | 420 | 325 | 378 | 420 |

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



Notes

A series of horizontal dotted lines for writing, with a decorative wavy graphic element in the center.



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page below the "Notes" header.



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