

BULK SOLIDS HANDLING EQUIPMENT

Electric Motovibrators  
振动电机

MVE 振动电机      Electric vibrators MVE-series

MVE系列单、三相标准型振动电机作为各类振动机械的通用激振源，该产品可广泛应用于矿山、冶金、煤炭、电力、建筑、化工、铸造、轻工食品等行业。MVE系列单、三相标准型振动电机具有重量轻、体积小、激振力调整方便、绝缘等级和防护等级高等特点。



性能-特性 Performance characteristics

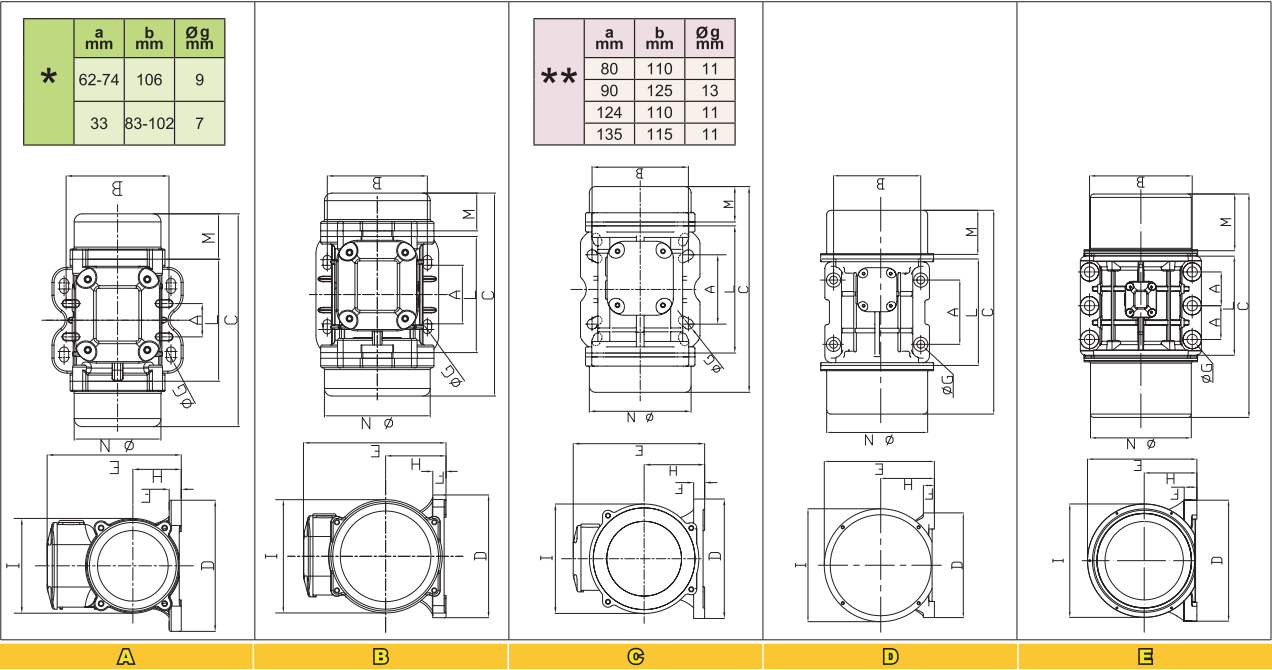
MVE系列振动电机技术参数:  
额定电压：380V(三相)220V ( 单相 )      ( 也可提供230/400V , 230/460V )  
直流电压：12V 24V 220V      额定频率：50HZ ( 也可提供60HZ )  
绝缘等级：主级H级，接线腔F级      防护等级：IP65  
工作制：连续 ( S1 )      激振力调整范围：0—最大  
激振力：单相 0—800kg      三相 0---13000kg

Technical parameters of MVE series vibrating motor:  
Rated voltage: 380V (three-phase) 220V (single phase)      (also available for 23/400v, 23/460v)  
Dc voltage: 12V 24V 220V      Rated frequency: 50HZ (also available for 60HZ)  
Insulation level: class H, level F      Protection level: Ip65  
Working system: continuous (S1)      Vibration adjustment range: 0 - maximum  
Excitation force: single phase 0-- 800kg      Three phase 0---13000kg

Code 代号

| MVE     | 200            | /3                    | M                                                     |
|---------|----------------|-----------------------|-------------------------------------------------------|
| Type 型号 | Force 激振力 (kg) | Speed 转速 (r/min) 转/分钟 | Voltage 电压                                            |
| MVE     | 60-9000        | 3 : 3000<br>15 : 1500 | BLANK : Three phase 三箱380V<br>M : Single phase 单箱220V |

连接尺寸 CONNECTION SIZE



Dimensions in mm

Please contact us on any small problems & details.

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MVE系列三相振动电机技术参数 ( 380V/50Hz) Technical date for MVE series three phase vibrators(380v/50Hz)  
2极-3000转/分 ( 2Poles -3000rpm)

| 型号        | 激振力<br>Force | 激振功率<br>Power | 效率<br>Efficiency | 电流<br>Current | 重量<br>Weight | 机座号<br>机座号 | A      | B     | C   | D   | E   | F   | G  | H  | I   | L   | M   | ΦN  | 电缆接头<br>Cable Gland | 图号<br>Fig |
|-----------|--------------|---------------|------------------|---------------|--------------|------------|--------|-------|-----|-----|-----|-----|----|----|-----|-----|-----|-----|---------------------|-----------|
| TYPE      | kg/f         | kN            | kw               | %             | A            | kg         | SIZE   |       |     |     |     |     |    |    |     |     |     |     |                     |           |
| MVE60/3   | 71           | 0.7           | 0.03             | 46            | 0.16         | 4.2        | SIZE10 | 62-74 | 106 | 211 | 130 | 136 | 12 | 9  | 48  | 94  | 121 | 45  | 86                  | M16X1.5 A |
| MVE100/3  | 99           | 1             | 0.04             | 44            | 0.19         | 4.6        | SIZE10 | 62-74 | 106 | 221 | 130 | 136 | 12 | 9  | 48  | 94  | 121 | 50  | 86                  | M16X1.5 A |
| MVE200/3  | 198          | 2             | 0.09             | 60            | 0.35         | 6.8        | SIZE20 | 62-74 | 106 | 231 | 131 | 159 | 15 | 9  | 64  | 121 | 123 | 54  | 112                 | M20X1.5 A |
| MVE300/3  | 311          | 3             | 0.16             | 64            | 0.52         | 9.8        | SIZE30 | 90    | 125 | 253 | 154 | 175 | 15 | 13 | 79  | 142 | 163 | 45  | 131                 | M20X1.5 B |
| MVE400/3  | 400          | 4             | 0.20             | 74            | 0.58         | 10.3       | SIZE30 | 90    | 125 | 273 | 154 | 175 | 15 | 13 | 79  | 142 | 163 | 55  | 131                 | M20X1.5 B |
| MVE500/3  | 516          | 5             | 0.37             | 77            | 0.96         | 15.8       | SIZE40 | 105   | 140 | 334 | 168 | 196 | 22 | 13 | 92  | 169 | 178 | 78  | 158                 | M20X1.5 B |
| MVE700/3  | 750          | 7             | 0.45             | 77            | 1.25         | 16.5       | SIZE40 | 105   | 140 | 334 | 168 | 196 | 22 | 13 | 92  | 169 | 178 | 78  | 158                 | M20X1.5 B |
| MVE800/3  | 788          | 8             | 0.55             | 79            | 1.45         | 20.6       | SIZE50 | 120   | 170 | 321 | 208 | 210 | 22 | 17 | 94  | 180 | 205 | 58  | 170                 | M20X1.5 B |
| MVE1200/3 | 1018         | 10            | 0.75             | 82            | 1.85         | 21.6       | SIZE50 | 120   | 170 | 321 | 208 | 210 | 22 | 17 | 94  | 180 | 205 | 58  | 170                 | M20X1.5 B |
| MVE1300/3 | 1386         | 13            | 1.10             | 76            | 2.44         | 24.5       | SIZE50 | 120   | 170 | 321 | 208 | 210 | 22 | 17 | 94  | 180 | 205 | 58  | 170                 | M20X1.5 B |
| MVE1600/3 | 1571         | 16            | 1.25             | 81            | 2.94         | 51.6       | SIZE60 | 140   | 190 | 416 | 229 | 247 | 30 | 17 | 120 | 247 | 220 | 80  | 222                 | M25X1.5 B |
| MVE1800/3 | 1848         | 18            | 1.50             | 81            | 3.75         | 52.0       | SIZE60 | 140   | 190 | 416 | 229 | 247 | 30 | 17 | 120 | 247 | 220 | 80  | 222                 | M25X1.5 B |
| MVE2200/3 | 2033         | 20            | 2.00             | 83            | 4.07         | 52.8       | SIZE60 | 140   | 190 | 416 | 229 | 247 | 30 | 17 | 120 | 247 | 220 | 80  | 222                 | M25X1.5 B |
| MVE2300/3 | 2310         | 23            | 2.00             | 83            | 4.44         | 53.6       | SIZE60 | 140   | 190 | 416 | 229 | 247 | 30 | 17 | 120 | 247 | 220 | 80  | 222                 | M25X1.5 B |
| MVE3200/3 | 3250         | 32            | 2.20             | 76            | 5.30         | 96.9       | SIZE75 | 155   | 255 | 538 | 302 | 318 | 35 | 25 | 147 | 295 | 273 | 115 | 264                 | M32X1.5 B |
| MVE4000/3 | 4030         | 40            | 2.30             | 76            | 5.30         | 107        | SIZE75 | 155   | 255 | 538 | 302 | 318 | 35 | 25 | 147 | 295 | 273 | 115 | 264                 | M32X1.5 B |
| MVE5000/3 | 5070         | 50            | 3.50             | 83            | 7.22         | 111        | SIZE75 | 155   | 255 | 588 | 302 | 318 | 35 | 25 | 147 | 295 | 273 | 140 | 264                 | M32X1.5 B |
| MVE6500/3 | 6500         | 65            | 4.20             | 86            | 8.20         | 228        | SIZE85 | 200   | 320 | 605 | 385 | 410 | 49 | 28 | 200 | 421 | 325 | 120 | 378                 | M32X1.5 B |
| MVE9000/3 | 9030         | 90            | 7.20             | 72            | 10.3         | 240        | SIZE85 | 200   | 320 | 605 | 385 | 410 | 49 | 28 | 200 | 421 | 325 | 120 | 378                 | M32X1.5 B |

MVE系列三相振动电机技术参数 ( 380V/50Hz) Technical date for MVE series three phase vibrators(380v/50Hz)  
4极-1500转/分 ( 4Poles -1500rpm)

| 型号         | 激振力<br>Force | 激振功率<br>Power | 效率<br>Efficiency | 电流<br>Current | 重量<br>Weight | 机座号   | A      | B     | C   | D   | E   | F   | G  | H    | I   | L   | M   | ΦN  | 电缆接头<br>Cable Gland | 图号<br>Fig |
|------------|--------------|---------------|------------------|---------------|--------------|-------|--------|-------|-----|-----|-----|-----|----|------|-----|-----|-----|-----|---------------------|-----------|
| TYPE       | kg/f         | kN            | kw               | %             | A            | kg    | SIZE   |       |     |     |     |     |    |      |     |     |     |     |                     |           |
| MVE40/15   | 32           | 0.3           | 0.03             | 33            | 0.26         | 4.6   | SIZE10 | 62-74 | 106 | 221 | 130 | 136 | 12 | 9    | 48  | 94  | 121 | 50  | 86                  | M16X1.5 A |
| MVE90/15   | 90           | 0.9           | 0.04             | 36            | 0.31         | 7.4   | SIZE20 | 62-74 | 106 | 231 | 131 | 159 | 15 | 9    | 64  | 121 | 123 | 54  | 112                 | M20X1.5 A |
| MVE200/15  | 183          | 2             | 0.06             | 50            | 0.49         | 11.8  | SIZE30 | 90    | 125 | 273 | 154 | 175 | 15 | 13   | 79  | 142 | 163 | 55  | 131                 | M20X1.5 B |
| MVE250/15  | 257          | 2.5           | 0.07             | 54            | 0.54         | 13.2  | SIZE30 | 90    | 125 | 303 | 154 | 175 | 15 | 13   | 79  | 142 | 163 | 70  | 131                 | M20X1.5 B |
| MVE300/15  | 305          | 3             | 0.08             | 57            | 0.62         | 16.5  | SIZE30 | 90    | 125 | 303 | 154 | 175 | 15 | 13   | 79  | 142 | 163 | 70  | 131                 | M20X1.5 B |
| MVE400/15  | 388          | 4             | 0.15             | 60            | 0.84         | 19.5  | SIZE40 | 105   | 140 | 334 | 168 | 196 | 22 | 13   | 92  | 169 | 178 | 78  | 158                 | M20X1.5 B |
| MVE500/15  | 518          | 5             | 0.25             | 68            | 1.06         | 21.0  | SIZE40 | 105   | 140 | 334 | 168 | 196 | 22 | 13   | 92  | 169 | 178 | 78  | 158                 | M20X1.5 B |
| MVE700/15  | 693          | 7             | 0.37             | 77            | 1.32         | 27.4  | SIZE50 | 120   | 170 | 391 | 208 | 210 | 22 | 17   | 94  | 180 | 205 | 93  | 170                 | M20X1.5 B |
| MVE800/15  | 807          | 8             | 0.40             | 73            | 1.36         | 28.3  | SIZE50 | 120   | 170 | 391 | 208 | 210 | 22 | 17   | 94  | 180 | 205 | 93  | 170                 | M20X1.5 B |
| MVE1100/15 | 1045         | 11            | 0.40             | 73            | 1.40         | 35.8  | SIZE50 | 120   | 170 | 451 | 208 | 210 | 22 | 17   | 94  | 180 | 205 | 123 | 170                 | M20X1.5 B |
| MVE1400/15 | 1406         | 14            | 0.45             | 75            | 1.78         | 59.8  | SIZE60 | 140   | 190 | 448 | 229 | 247 | 30 | 17   | 120 | 247 | 220 | 96  | 222                 | M25X1.5 B |
| MVE1700/15 | 1757         | 17            | 0.75             | 68            | 2.09         | 61.8  | SIZE60 | 140   | 190 | 448 | 229 | 247 | 30 | 17   | 120 | 247 | 220 | 96  | 222                 | M25X1.5 B |
| MVE2400/15 | 2420         | 24            | 1.00             | 71            | 3.20         | 68.0  | SIZE60 | 140   | 190 | 514 | 229 | 247 | 30 | 17   | 120 | 247 | 220 | 129 | 222                 | M25X1.5 B |
| MVE2500/15 | 2500         | 25            | 1.20             | 75            | 3.40         | 90.0  | SIZE70 | 155   | 225 | 522 | 272 | 284 | 40 | 22   | 141 | 267 | 250 | 123 | 235                 | M25X1.5 B |
| MVE3000/15 | 3065         | 30            | 1.50             | 79            | 3.68         | 97.5  | SIZE70 | 155   | 225 | 522 | 272 | 284 | 40 | 22   | 141 | 267 | 250 | 123 | 235                 | M25X1.5 B |
| MVE3800/15 | 3830         | 38            | 1.72             | 78            | 4.15         | 130.4 | SIZE75 | 155   | 255 | 588 | 302 | 318 | 35 | 23.5 | 147 | 295 | 273 | 140 | 264                 | M32X1.5 B |
| MVE4300/15 | 4312         | 43            | 1.94             | 78            | 4.50         | 134.4 | SIZE75 | 155   | 255 | 588 | 302 | 318 | 3  | 23.5 | 147 | 295 | 273 | 140 | 264                 | M32X1.5 B |
| MVE5500/15 | 5576         | 55            | 2.20             | 73            | 6.50         | 192.2 | SIZE80 | 180   | 280 | 603 | 332 | 360 | 37 | 26   | 168 | 345 | 304 | 130 | 310                 | M32X1.5 B |
| MVE7200/15 | 7188         | 72            | 3.00             | 75            | 9.60         | 253.0 | SIZE85 | 200   | 320 | 605 | 385 | 410 | 49 | 28   | 200 | 422 | 325 | 120 | 378                 | M32X1.5 B |

MVE-M系列二相振动电机技术参数 ( 220V/50Hz) Technical date for MVE-M series single phase vibrators(220v/50Hz)  
2极-3000转/分 ( 2Poles -3000rpm)

| 型号        | 激振力   | 输入功率  | 电容        | 电流      | 重量     | 机座号  | 机座号    | A     | B   | C   | D   | E   | F  | G  | H  | I   | L   | M  | ΦN  | 电缆接头    | 图号 |
|-----------|-------|-------|-----------|---------|--------|------|--------|-------|-----|-----|-----|-----|----|----|----|-----|-----|----|-----|---------|----|
|           | Force | Power | Capacitor | Current | Weight |      |        |       |     |     |     |     |    |    |    |     |     |    |     |         |    |
|           | TYPE  | kg/f  | kN        | kW      | UF     | A    | kg     | SIZE  |     |     |     |     |    |    |    |     |     |    |     |         |    |
| MVE60/3M  | 66    | 0.7   | 0.08      | 4       | 0.43   | 4.5  | SIZE10 | 62-74 | 106 | 211 | 130 | 136 | 12 | 9  | 48 | 94  | 121 | 45 | 86  | M16X1.5 | A  |
| MVE100/3M | 99    | 1     | 0.10      | 4       | 0.54   | 5.1  | SIZE10 | 62-74 | 106 | 221 | 130 | 136 | 12 | 9  | 48 | 94  | 121 | 50 | 86  | M16X1.5 | A  |
| MVE200/3M | 197   | 2     | 0.13      | 5       | 0.71   | 6.8  | SIZE20 | 62-74 | 106 | 231 | 131 | 159 | 15 | 9  | 64 | 121 | 123 | 54 | 112 | M20X1.5 | A  |
| MVE300/3M | 311   | 3     | 0.29      | 12      | 1.58   | 10.0 | SIZE30 | 90    | 125 | 253 | 154 | 175 | 15 | 13 | 79 | 142 | 163 | 45 | 131 | M20X1.5 | B  |
| MVE400/3M | 400   | 4     | 0.31      | 12      | 1.68   | 10.8 | SIZE30 | 90    | 125 | 273 | 154 | 175 | 15 | 13 | 79 | 142 | 163 | 55 | 131 | M20X1.5 | B  |

Dimensions in mm