

## 4 poles - 1500/1800 rpm

| three-phase | Description       |      |      | Mechanical specifications |       |                   |       |       |       |              |          | Electrical specifications |                    |                      |              |                   |                |                   |            |              |                                |
|-------------|-------------------|------|------|---------------------------|-------|-------------------|-------|-------|-------|--------------|----------|---------------------------|--------------------|----------------------|--------------|-------------------|----------------|-------------------|------------|--------------|--------------------------------|
|             | Code              | Type | SIZE | Static moment*<br>kgmm    |       | Centrifugal force |       |       |       | Weight<br>kg |          | Temp. class<br>(G)        | Temp. class<br>(D) | Max input power<br>W |              | Power rating<br>W |                | Max. current<br>A |            | tE (s)       | I <sub>A</sub> /I <sub>N</sub> |
|             |                   |      |      | 50 Hz                     | 60 Hz | 50 Hz             | 60 Hz | 50 Hz | 60 Hz | 50 Hz        | 60 Hz    |                           |                    | 50 Hz                | 60 Hz        | 400 V<br>50 Hz    | 460 V<br>60 Hz |                   |            |              |                                |
|             |                   |      |      |                           |       |                   |       |       |       |              |          |                           |                    |                      |              |                   |                |                   |            |              |                                |
|             |                   |      |      |                           |       |                   |       |       |       |              |          |                           |                    |                      |              |                   |                |                   |            |              |                                |
| 6E1367      | MVSI 15/200E-S02  | 10   | 84.2 | 58.8                      | 213   | 214               | 2.09  | 2.10  | 12.5  | 11.7         | T3<br>T4 | 120°C                     | 203<br>170         | -<br>175             | 90<br>94     | -<br>95           | 0.45<br>0.39   | -<br>0.40         | 35<br>28   | 2.04<br>2.34 |                                |
| 6E1372      | MVSI 15/400E-S02  | 20   | 163  | 113                       | 412   | 411               | 4.04  | 4.03  | 19.0  | 18.2         | T3<br>T4 | 120°C                     | 300<br>285         | 320<br>270           | 200<br>180   | 230<br>200        | 0.57<br>0.52   | 0.52<br>0.46      | 18<br>16   | 3.33<br>3.63 |                                |
| 6E1373      | MVSI 15/550E-S02  | 20   | 219  | 163                       | 552   | 592               | 5.42  | 5.81  | 20.4  | 19.0         | T3<br>T4 | 120°C                     | 300<br>285         | 320<br>270           | 200<br>180   | 230<br>200        | 0.57<br>0.52   | 0.52<br>0.46      | 18<br>16   | 3.33<br>3.63 |                                |
| 6E1408      | MVSI 15/700E-S02  | 30   | 286  | 209                       | 720   | 760               | 7.06  | 7.46  | 27.5  | 26.2         | T3<br>T4 | 120°C                     | 460<br>360         | 500<br>420           | 310<br>240   | 380<br>310        | 0.86<br>0.72   | 0.85<br>0.70      | 17<br>12   | 3.5<br>4.2   |                                |
| 6E1524      | MVSI 15/1100E-S02 | 35   | 415  | 271                       | 1045  | 982               | 10.3  | 9.63  | 35.0  | 30.5         | T4       | 120°C                     | 370                | 450                  | 285          | 340               | 0.81           | 0.83              | 13         | 4            |                                |
| 6E1217      | MVSI 15/1410E-S02 | 40   | 561  | 400                       | 1413  | 1449              | 13.9  | 14.2  | 44.0  | 41.0         | T3<br>T4 | 120°C                     | 900<br>630         | 950<br>700           | 660<br>460   | 730<br>505        | 1.38<br>1.05   | 1.32<br>1.00      | 13<br>8    | 4<br>5.36    |                                |
| 6E1219      | MVSI 15/1710E-S02 | 50   | 715  | 485                       | 1798  | 1757              | 17.6  | 17.2  | 51.0  | 48.5         | T3<br>T4 | 150°C                     | 1100<br>630        | 1150<br>700          | 730<br>480   | 800<br>530        | 1.90<br>1.33   | 1.82<br>1.27      | 9<br>5.5   | 4.95<br>7    |                                |
| 6E1267      | MVSI 15/2000E-S02 | 50   | 817  | 561                       | 2054  | 2033              | 20.1  | 19.9  | 55.5  | 51.5         | T3<br>T4 | 150°C                     | 1100<br>630        | 1150<br>700          | 730<br>480   | 800<br>530        | 1.90<br>1.33   | 1.82<br>1.27      | 9<br>5.5   | 4.95<br>7    |                                |
| 6E1220      | MVSI 15/2410E-S08 | 60   | 962  | 674                       | 2420  | 2444              | 23.7  | 24.0  | 71.0  | 66.0         | T3<br>T4 | 150°C                     | 1600<br>1150       | 1700<br>1250         | 1340<br>880  | 1470<br>970       | 3.04<br>2.47   | 3.20<br>2.30      | 7<br>5.5   | 6<br>7.5     |                                |
| 6E1268      | MVSI 15/3000E-S08 | 60   | 1235 | 858                       | 3106  | 3107              | 30.5  | 30.5  | 80.0  | 73.5         | T3<br>T4 | 135°C                     | 1280<br>1150       | 1550<br>1400         | 1000<br>900  | 1200<br>1080      | 3.14<br>2.85   | 3.10<br>2.85      | 5.5<br>5.5 | 7.42<br>8.16 |                                |
| 6E1221      | MVSI 15/3810E-S02 | 70   | 1526 | 1034                      | 3840  | 3744              | 37.7  | 36.7  | 119   | 110          | T3<br>T4 | 135°C                     | 2200<br>1850       | 2400<br>1950         | 1780<br>1500 | 1960<br>1650      | 3.71<br>3.14   | 3.50<br>3.00      | 6<br>6     | 7.17<br>8.42 |                                |
| 6E1269      | MVSI 15/4300E-S02 | 70   | 1720 | 1173                      | 4326  | 4250              | 42.4  | 41.7  | 123   | 117          | T3<br>T4 | 135°C                     | 2200<br>1850       | 2400<br>1950         | 1780<br>1500 | 1960<br>1650      | 3.71<br>3.14   | 3.50<br>3.00      | 6<br>6     | 7.17<br>8.42 |                                |
| 6E1211      | MVSI 15/5010E-S02 | 80   | 1990 | 1364                      | 5007  | 4911              | 49.1  | 48.5  | 161   | 153          | T3       | 135°C                     | 3200               | 3700                 | 2560         | 2800              | 5.70           | 5.45              | 6          | 7            |                                |
| 6E1447      | MVSI 15/6000E-S02 | 80   | 2261 | 1560                      | 5690  | 5650              | 55.8  | 55.4  | 163.5 | 155          | T3       | 135°C                     | 3200               | 3700                 | 2560         | 2800              | 5.70           | 4.45              | 6          | 7            |                                |
| 6E1204      | MVSI 15/9500E-S02 | 97   | 3346 | 2462                      | 8416  | 8916              | 82.6  | 87.5  | 317   | 303          | T3       | 135°C                     | 7300               | 7900                 | 5925         | 6500              | 11.6           | 11.0              | 5.5        | 7            |                                |

\* Working moment = 2 x static moment. tE (s) = set time tE from IEC/EN 60079-7. I<sub>A</sub>/I<sub>N</sub> = ratio between start-up current and maximum current.

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three-phase

| Type              | Dimensional specifications (mm) |                          |     |     |     |     |       |   |    |       |                          |     |     |     |                    |
|-------------------|---------------------------------|--------------------------|-----|-----|-----|-----|-------|---|----|-------|--------------------------|-----|-----|-----|--------------------|
|                   | Fig.                            | A                        | B   | C   | D   | E   | Holes |   | F  | H     | I                        | L   | M   | N   | Cable entry thread |
| MVSI 15/200E-S02  | A                               | 301                      | 179 | 152 | 90  | 125 | 13    | 4 | 28 | 73    | 77                       | 127 | 128 | 141 | M20x1,5            |
| MVSI 15/400E-S02  | A                               | 344                      | 203 | 167 | 105 | 140 | 13    | 4 | 30 | 82.5  | 93                       | 145 | 140 | 160 | M25x1,5            |
| MVSI 15/550E-S02  | A                               | 386                      | 203 | 167 | 105 | 140 | 13    | 4 | 30 | 82.5  | 114                      | 145 | 140 | 160 | M25x1,5            |
| MVSI 15/700E-S02  | A                               | 394                      | 216 | 205 | 120 | 170 | 17    | 4 | 45 | 93.5  | 106                      | 170 | 160 | 182 | M25x1,5            |
| MVSI 15/1100E-S02 | A                               | 435                      | 225 | 205 | 120 | 170 | 17    | 4 | 54 | 104.5 | 117.5                    | 187 | 162 | 203 | M25x1,5            |
| MVSI 15/1410E-S02 | A                               | 448                      | 246 | 230 | 140 | 190 | 17    | 4 | 54 | 116   | 108                      | 207 | 190 | 225 | M25x1,5            |
| MVSI 15/1710E-S02 | A                               | 500                      | 246 | 230 | 140 | 190 | 17    | 4 | 54 | 116   | 134                      | 207 | 190 | 225 | M25x1,5            |
| MVSI 15/2000E-S02 | A                               | 574                      | 246 | 230 | 140 | 190 | 17    | 4 | 54 | 116   | 171                      | 207 | 180 | 225 | M25x1,5            |
| MVSI 15/2410E-S08 | A                               | 537                      | 272 | 275 | 155 | 225 | 22    | 4 | 70 | 130   | 137                      | 238 | 210 | 253 | M25x1,5            |
| MVSI 15/3000E-S08 | A                               | 617                      | 272 | 275 | 155 | 225 | 22    | 4 | 70 | 130   | 177                      | 238 | 210 | 253 | M25x1,5            |
| MVSI 15/3810E-S02 | A                               | 584                      | 321 | 310 | 155 | 255 | 23.5  | 4 | 77 | 157   | 137                      | 277 | 215 | 295 | M25x1,5            |
| MVSI 15/4300E-S02 | A                               | 666 (50Hz)<br>584 (60Hz) | 321 | 310 | 155 | 255 | 23.5  | 4 | 77 | 157   | 178 (50Hz)<br>137 (60Hz) | 277 | 215 | 295 | M25x1,5            |
| MVSI 15/5010E-S02 | A                               | 630                      | 347 | 340 | 180 | 280 | 26    | 4 | 80 | 165   | 150                      | 303 | 240 | 320 | M32x1,5            |
| MVSI 15/6000E-S02 | A                               | 680                      | 370 | 390 | 200 | 320 | 28    | 4 | 90 | 180   | 160                      | 330 | 270 | 350 | M32x1,5            |
| MVSI 15/9500E-S02 | C                               | 862                      | 437 | 460 | 125 | 380 | 39    | 6 | 35 | 215   | 230                      | 387 | 320 | 414 | M32x1,5            |

Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

Fig. A

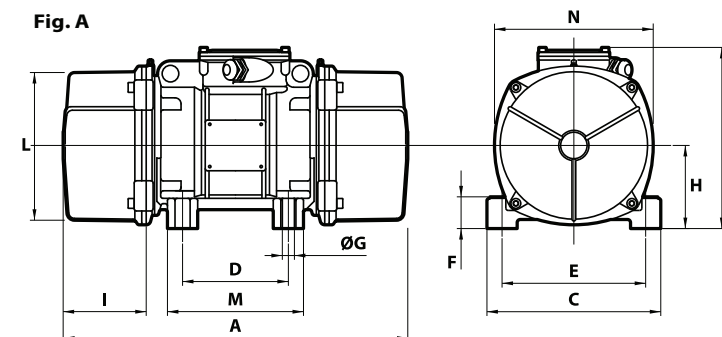


Fig. C

