

## 4 poli - 1.500/1.800 rpm

### Trifase

| DESCRIZIONE |                     |     |                  |                         | CARATTERISTICHE MECCANICHE |          |           |           | CARATTERISTICHE ELETTRICHE |      |                  |      |              |      |       |      |
|-------------|---------------------|-----|------------------|-------------------------|----------------------------|----------|-----------|-----------|----------------------------|------|------------------|------|--------------|------|-------|------|
| Codice      | Tipo                | Gr. | cSP <sup>®</sup> | Ex II2D<br>Classe temp. | Forza centrifuga (A/B)*    |          |           |           | Peso                       |      | Potenza ass. max |      | Corrente max |      | Ia/In |      |
|             |                     |     |                  |                         | kg                         | 50Hz     | 60Hz      | kN        | 50Hz                       | 60Hz | W                | 50Hz | 60Hz         | A    | 50Hz  | 60Hz |
| 601446      | MTF 15/80-S02       | 01  | -                | 120°C                   | 40/40                      | 37/37    | 0,39/0,39 | 0,36/0,36 | 6,8                        | 6,5  | 85               | 95   | 0,21         | 0,20 | 1,78  | 1,95 |
| 601403      | MTF 15/200-S02      | 10  | •                | 120°C                   | 106/74                     | 107/107  | 1,04/0,72 | 1,05/1,05 | 14,0                       | 13,2 | 170              | 170  | 0,41         | 0,40 | 2,34  | 2,75 |
| 601405      | MTF 15/400-S02      | 20  | •                | 120°C                   | 205/142                    | 205/205  | 2,01/1,39 | 2,01/2,01 | 20,6                       | 19,8 | 300              | 350  | 0,60         | 0,60 | 3,33  | 3,50 |
| 601406      | MTF 15/550-S02      | 20  | •                | 120°C                   | 276/205                    | 295/295  | 2,70/2,01 | 2,70/2,70 | 22,0                       | 20,6 | 300              | 350  | 0,60         | 0,60 | 3,33  | 3,50 |
| 601407      | MTF 15/700-S02      | 30  | •                | 120°C                   | 360/263                    | 380/380  | 3,53/2,58 | 3,73/3,73 | 26,0                       | 24,5 | 525              | 665  | 0,92         | 0,98 | 3,48  | 3,43 |
| 601280      | MTF 15/1100-S90 Δ   | 40  | •                | 120°C                   | 504/504                    | 491/491  | 4,94/4,94 | 4,82/4,82 | 36,0                       | 31,4 | 900              | 1050 | 1,45         | 1,50 | 4,10  | 4,20 |
| 601379      | MTF 15/1710-S02-VRS | 50  | •                | 150°C                   | 894/322                    | 878/355  | 8,77/3,16 | 8,61/3,48 | 44,0                       | 41,5 | 1100             | 1200 | 2,00         | 1,90 | 4,29  | 4,89 |
| 601380      | MTF 15/2000-S02-VRS | 50  | •                | 170°C                   | 1021/357                   | 1017/390 | 10,0/3,50 | 9,98/3,83 | 48,0                       | 45,5 | 1350             | 1450 | 2,50         | 2,30 | 4,30  | 4,90 |
| 601381      | MTF 15/3810-S02-VRS | 70  | •                | 135°C                   | 1908/707                   | 1872/718 | 18,7/6,94 | 18,4/7,04 | 100,0                      | 93,0 | 2200             | 2500 | 3,90         | 3,90 | 7,11  | 6,92 |

### Monofase

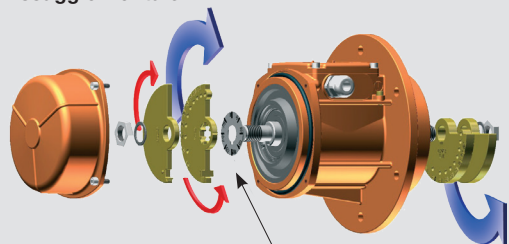
| Codice | Tipo           | Gr. | cSP <sup>®</sup> | Ex II2D<br>Classe temp. | Forza centrifuga (A/B)* |         |           |           | Peso |      | Potenza ass. max |      | Corrente max |      | Ia/In |      |
|--------|----------------|-----|------------------|-------------------------|-------------------------|---------|-----------|-----------|------|------|------------------|------|--------------|------|-------|------|
|        |                |     |                  |                         | kg                      | 50Hz    | 60Hz      | kN        | 50Hz | 60Hz | W                | 50Hz | 60Hz         | A    | 50Hz  | 60Hz |
| 601446 | MTF 15/80-S02  | 01  | -                | 120°C                   | 40/40                   | 37/37   | 0,39/0,39 | 0,36/0,36 | 6,8  | 6,5  | 90               | 100  | 0,43         | 1,00 | 1,20  | 1,3  |
| 601403 | MTF 15/200-S02 | 10  | -                | 120°C                   | 106/74                  | 107/107 | 1,04/0,72 | 1,05/1,05 | 14,0 | 13,2 | 210              | 230  | 1,00         | 2,00 | 1,50  | 1,85 |
| 601405 | MTF 15/400-S02 | 20  | -                | 120°C                   | 205/142                 | 205/205 | 2,01/1,39 | 2,01/2,01 | 20,6 | 19,8 | 240              | 320  | 1,20         | 2,80 | 2,50  | 2,5  |
| 601406 | MTF 15/550-S02 | 20  | -                | 120°C                   | 276/205                 | 295/295 | 2,70/2,01 | 2,70/2,70 | 22,0 | 20,6 | 240              | 320  | 1,20         | 2,80 | 2,50  | 2,5  |
| 601407 | MTF 15/700-S02 | 30  | -                | 120°C                   | 360/263                 | 380/380 | 3,53/2,58 | 3,73/3,73 | 26,0 | 24,5 | 450              | 550  | 2,15         | 5,15 | 5,44  | 3,63 |

\* Espressa come A/B: A forza centrifuga masse superiori, B forza centrifuga masse inferiori.

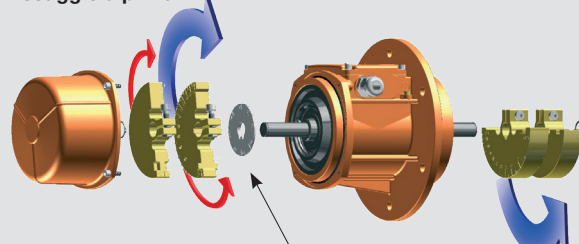
Ia/In = rapporto fra corrente di avviamento e corrente max.

## Regolazione masse

Masse a fissaggio frontale



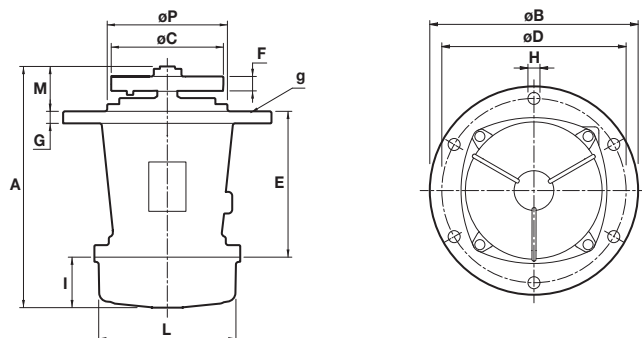
Masse con fissaggio a pinza



Dischi graduati per lo sfasamento dei gruppi masse superiore ed inferiore

Regolazione tra gruppo masse superiori ed inferiori

Sfasamento tra singole masse



# CARATTERISTICHE DIMENSIONALI (mm)

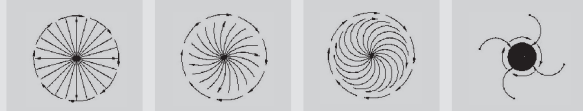
| Tipo                | Fig. | A                      | ØB    | ØC                     | Fori |    |    | E     | F                     | G    | I    | L   | M                      | ØP  | Condensatore (µF) |           | Pressa-cavo | Guarnizione g |
|---------------------|------|------------------------|-------|------------------------|------|----|----|-------|-----------------------|------|------|-----|------------------------|-----|-------------------|-----------|-------------|---------------|
|                     |      |                        |       |                        | ØD   | ØH | N° |       |                       |      |      |     |                        |     | 220V 50Hz         | 115V 60Hz |             |               |
| MTF 15/80-S02       | G    | 241                    | 211,5 | 93                     | 188  | 12 | 4  | 144   | 32(50Hz)<br>20(60Hz)  | 10   | 65   | 103 | 32                     | -   | -                 | -         | M20x1,5     | OR 4650       |
| MTF 15/200-S02      | G    | 292,5                  | 215   | 114(50Hz)<br>108(60Hz) | 187  | 12 | 4  | 179,5 | 48(50Hz)<br>40(60Hz)  | 13   | 77   | 127 | 36                     | -   | -                 | -         | M20x1,5     | OR 4625       |
| MTF 15/400-S02      | G    | 335,5                  | 245   | 130                    | 205  | 12 | 6  | 124   | 59(50Hz)<br>42(60Hz)  | 12   | 93   | 145 | 118,5                  | 162 | -                 | -         | M25x1,5     | OR 4700       |
| MTF 15/550-S02      | G    | 376,5                  | 245   | 130                    | 205  | 12 | 6  | 124   | 79(50Hz)<br>59(60Hz)  | 12   | 114  | 145 | 138,5                  | 162 | -                 | -         | M25x1,5     | OR 4700       |
| MTF 15/700-S02      | G    | 380,5                  | 260   | 154                    | 230  | 15 | 6  | 182   | 59(50Hz)<br>46(60Hz)  | 15   | 106  | 170 | 92,5                   | 150 | -                 | -         | M25x1,5     | OR 4800       |
| MTF 15/1100-S90 Δ   | G    | 429                    | 279   | 190                    | 254  | 14 | 4  | -     | 49                    | 17,5 | 57,5 | -   | -                      | 229 | -                 | -         | M25x1,5     | -             |
| MTF 15/1710-S02-VRS | G    | 488                    | 350   | 190                    | 290  | 17 | 6  | 232   | 84(50Hz)<br>57(60Hz)  | 25   | 134  | 209 | 122                    | 172 | -                 | -         | M25x1,5     | -             |
| MTF 15/2000-S02-VRS | G    | 500(50Hz)<br>488(60Hz) | 350   | 193                    | 290  | 17 | 6  | 232   | 100(50Hz)<br>68(60Hz) | 25   | 134  | 209 | 133(50Hz)<br>122(60Hz) | 172 | -                 | -         | M25x1,5     | -             |
| MTF 15/3810-S02-VRS | G    | 614                    | 410   | 250(50Hz)<br>244(60Hz) | 350  | 22 | 6  | 310   | 78(50Hz)<br>57(60Hz)  | 27   | 178  | 280 | 126                    | 234 | -                 | -         | M25x1,5     | -             |

| Tipo           | Fig. | A     | ØB    | ØC                     | Fori |    |    | E     | F                    | G  | I   | L   | M     | ØP  | Condensatore (µF) |              | Pressa-cavo | Guarnizione g |
|----------------|------|-------|-------|------------------------|------|----|----|-------|----------------------|----|-----|-----|-------|-----|-------------------|--------------|-------------|---------------|
|                |      |       |       |                        | ØD   | ØH | N° |       |                      |    |     |     |       |     | 220V 50Hz         | 115V 60Hz    |             |               |
| MTF 15/80-S02  | G    | 241   | 211,5 | 93                     | 188  | 12 | 4  | 144   | 32(50Hz)<br>20(60Hz) | 10 | 65  | 103 | 32    | -   | 3,15              | 25           | M20x1,5     | OR 4650       |
| MTF 15/200-S02 | G    | 292,5 | 215   | 114(50Hz)<br>108(60Hz) | 187  | 12 | 4  | 179,5 | 48(50Hz)<br>40(60Hz) | 13 | 77  | 127 | 36    | -   | 5                 | 25           | M20x1,5     | OR 4625       |
| MTF 15/400-S02 | G    | 335,5 | 245   | 130                    | 205  | 12 | 6  | 124   | 59(50Hz)<br>42(60Hz) | 12 | 93  | 145 | 118,5 | 162 | 12○<br>+20●       | 35           | M20x1,5     | OR 4700       |
| MTF 15/550-S02 | G    | 376,5 | 245   | 130                    | 205  | 12 | 6  | 124   | 79(50Hz)<br>59(60Hz) | 12 | 114 | 145 | 138,5 | 162 | 12○<br>+20●       | 35○<br>+10●  | M20x1,5     | OR 4700       |
| MTF 15/700-S02 | G    | 380,5 | 260   | 154                    | 230  | 15 | 6  | 182   | 59(50Hz)<br>46(60Hz) | 15 | 106 | 170 | 92,5  | 150 | 16○<br>+80●       | 40○<br>+120● | M25x1,5     | OR 4800       |

Δ Fornito senza coperchio massa da ambo i lati.

○ Condensatore di marcia / ● Condensatore aggiuntivo solo per avviamento.

## Direzione delle linee di forza



## Regolazione relativa dei gruppi di masse

