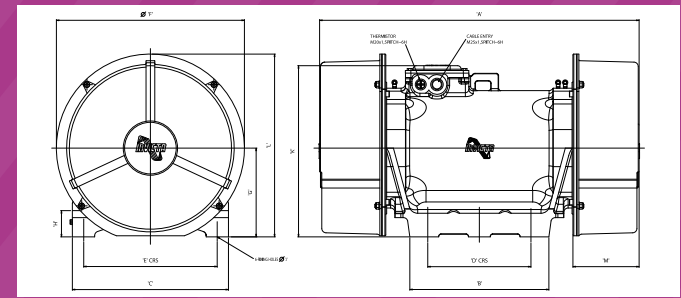




# EBK Range

2 POLE - 2880 / 3456 RPM - 50/60 HERTZ



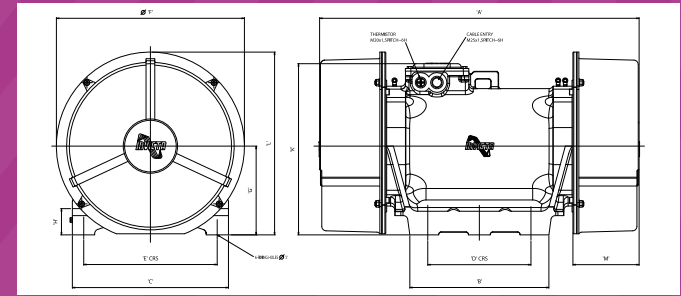
| Description<br>Description<br>Beschreibung |                          |            | Mechanical Specification<br>Caractéristiques Mécaniques<br>Mechanische Spezifikation |         |  |        |                                 |        | Electrical Specification<br>Spécifications Électriques<br>Elektrische Daten |                           |  |                |   |                | Dimensional Specification (mm)<br>Spécifications Dimensionnelles<br>Dimensionale Spezifikation |     |     |     |     |     |     |    |        |     |     |     |             |  |
|--|--------------------------|------------|--|---------|--|--------|---------------------------------|--------|---|---------------------------|--|----------------|---|----------------|--|-----|-----|-----|-----|-----|-----|----|--------|-----|-----|-----|-------------|--|
| Frame Size<br>Type<br>Gehäusegröße         | Temp.<br>Class<br>Klasse |            | Centrifugal Force<br>Force Centrifuge<br>Fliehkraft                                  |         | Working Moment<br>Moment de Travail<br>Arbeitsmoment<br>Kg.cm.<br>(x2) |        | Weight<br>Poids<br>Gewicht (Kg) |        | Watts<br>Puissance<br>Leistung  |                           | Full Load Current<br>Le Courant plein de<br>Chargement<br>Volle Lastströmung |                | Starting Current<br>Courant commençant<br>Anfangende Strömung |                |  |     |     |     |     |     |     |    |        |     |     |     |             |  |
|  |                          |            | Kg   | Newtons | 50 Hz.   | 60 Hz. | 50 Hz.                          | 60 Hz. | Input<br>D'entrée<br>Auf  | Output<br>De sortie<br>Ab | 230v<br>50 Hz.   | 460v<br>60 Hz. | 230v<br>50 Hz.  | 460v<br>60 Hz. | A  | B   | C   | D   | E   | F   | G   | H  | J      | K   | L   | M   | N           |  |
| EBK 20                                     | -5/2                     | • T3 or T4 | 500  | 4905    | 10.8   | 7.5    | 22                              | 22     | 450   | 340                       | 0.78   | 0.69           | 5.6   | 4.9            | 330  | 150 | 171 | 110 | 140 | 185 | 87  | 16 | 4 x 14 | 186 | 179 | 74  | M20x1.5p-6H |  |
| EBK 25                                     | -8/2                     | • T3 or T4 | 800  | 7848    | 17.2   | 12.0   | 39                              | 38     | 665   | 500                       | 1.17   | 1.05           | 10.2  | 8.9            | 363  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 52  | M25x1.5p-6H |  |
| EBK 25                                     | -10/2                    | • T3 or T4 | 1000   | 9810    | 21.6   | 15.0   | 40                              | 39     | 665   | 500                       | 1.17   | 1.05           | 10.2  | 8.9            | 363  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 52  | M25x1.5p-6H |  |
| EBK 25                                     | -13/2                    | • T3 or T4 | 1300   | 12753   | 28.0   | 19.5   | 41                              | 40     | 665   | 500                       | 1.17   | 1.05           | 10.2  | 8.9            | 363  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 52  | M25x1.5p-6H |  |
| EBK 30                                     | -16/2                    | • T3 or T4 | 1600   | 15696   | 34.5   | 24.0   | 61                              | 60     | 1410  | 1100                      | 2.1  | 1.8            | 23  | 20             | 459  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 94  | M25x1.5p-6H |  |
| EBK 30                                     | -20/2                    | • T3 or T4 | 2000   | 19620   | 43.2   | 30.0   | 63                              | 62     | 1410  | 1100                      | 2.1  | 1.8            | 23  | 20             | 459  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 94  | M25x1.5p-6H |  |
| EBK 40                                     | -30/2                    | • T3 or T4 | 3000   | 29430   | 64.7   | 44.9   | 100                             | 99     | 1875  | 1500                      | 2.9  | 2.5            | 35  | 30             | 542  | 220 | 320 | 170 | 270 | 358 | 170 | 60 | 4 x 26 | 326 | 349 | 122 | M25x1.5p-6H |  |

• Restrictions apply, see EBK front page



# EBK Range

4 POLE - 1440 / 1728 RPM - 50/60 HERTZ



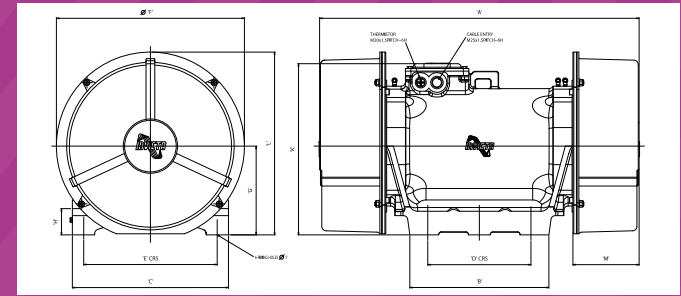
| Description<br>Description<br>Beschreibung |                          |            | Mechanical Specification<br>Caractéristiques Mécaniques<br>Mechanische Spezifikation |         |  |        |                                 |        | Electrical Specification<br>Spécifications Électriques<br>Elektrische Daten |                           |  |                |   |                | Dimensional Specification (mm)<br>Spécifications Dimensionnelles<br>Dimensionale Spezifikation |     |     |     |     |     |     |    |        |     |     |     |             |  |
|--|--------------------------|------------|--|---------|--|--------|---------------------------------|--------|---|---------------------------|--|----------------|---|----------------|--|-----|-----|-----|-----|-----|-----|----|--------|-----|-----|-----|-------------|--|
| Frame Size<br>Type<br>Gehäusegröße         | Temp.<br>Class<br>Klasse |            | Centrifugal Force<br>Force Centrifuge<br>Fliehkraft                                  |         | Working Moment<br>Moment de Travail<br>Arbeitsmoment<br>Kg.cm.<br>(x2) |        | Weight<br>Poids<br>Gewicht (Kg) |        | Watts<br>Puissance<br>Leistung  |                           | Full Load Current<br>Le Courant plein de<br>Chargement<br>Volle Lastströmung |                | Starting Current<br>Courant commençant<br>Anfangende Strömung |                |  |     |     |     |     |     |     |    |        |     |     |     |             |  |
|  |                          |            | Kg   | Newtons | 50 Hz.   | 60 Hz. | 50 Hz.                          | 60 Hz. | Input<br>D'entrée<br>Auf  | Output<br>De sortie<br>Ab | 400v<br>50 Hz.   | 460v<br>60 Hz. | 400v<br>50 Hz.  | 460v<br>60 Hz. | A  | B   | C   | D   | E   | F   | G   | H  | J      | K   | L   | M   | N           |  |
| EBK 20                                     | -5/4                     | • T3 or T4 | 500  | 4905    | 43.1   | 29.9   | 26.5                            | 25.5   | 450   | 250                       | 0.97   | 0.88           | 3.6   | 3.1            | 330  | 150 | 171 | 110 | 140 | 185 | 87  | 16 | 4 x 14 | 186 | 179 | 74  | M20x1.5p-6H |  |
| EBK 25                                     | -7.5/4                   | • T3 or T4 | 750  | 7357    | 64.7   | 44.9   | 46                              | 45     | 675   | 500                       | 1.32   | 1.22           | 8.7   | 7.6            | 413  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 82  | M25x1.5p-6H |  |
| EBK 25                                     | -11/4                    | • T3 or T4 | 1100   | 10790   | 94.9   | 65.9   | 47                              | 46     | 675   | 500                       | 1.32   | 1.22           | 8.7   | 7.6            | 413  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 82  | M25x1.5p-6H |  |
| EBK 25                                     | -14/4                    | • T3 or T4 | 1400   | 13735   | 121.0  | 84.0   | 50                              | 48     | 675   | 500                       | 1.32   | 1.22           | 8.7   | 7.6            | 413  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 82  | M25x1.5p-6H |  |
| EBK 30                                     | -18/4                    | • T3 or T4 | 1800   | 17658   | 155.0  | 107.6  | 76                              | 73     | 1335  | 1150                      | 2.50   | 2.2            | 24.0  | 21             | 459  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 94  | M25x1.5p-6H |  |
| EBK 30                                     | -25/4                    | • T3 or T4 | 2500   | 24525   | 216.0  | 150.0  | 79                              | 75     | 1335  | 1150                      | 2.50   | 2.2            | 24.0  | 21             | 459  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 94  | M25x1.5p-6H |  |
| EBK 40                                     | -35/4                    | • T3 or T4 | 3500   | 34335   | 302.0  | 209.0  | 115                             | 110    | 2150  | 1800                      | 3.70   | 3.3            | 32.0  | 28             | 542  | 220 | 320 | 170 | 270 | 358 | 170 | 60 | 4 x 26 | 326 | 349 | 122 | M25x1.5p-6H |  |
| EBK 45                                     | -45/4                    | • T3 or T4 | 4500   | 44145   | 388.0  | 269.0  | 165                             | 159    | 3050  | 2685                      | 5.30   | 4.8            | 57.0  | 50             | 670  | 298 | 357 | 248 | 305 | 378 | 175 | 60 | 4 x 26 | 355 | 364 | 152 | M25x1.5p-6H |  |
| EBK 50                                     | -55/4                    | • T3 or T4 | 5500   | 53955   | 474.0  | 329.0  | 190                             | 183    | 3740  | 3350                      | 6.40   | 5.7            | 74.0  | 64             | 714  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 152 | M25x1.5p-6H |  |
| EBK 50                                     | -75/4                    | • T3 or T4 | 7500   | 73575   | 647.0  | 449.0  | 230                             | 221    | 5280  | 4800                      | 8.60   | 7.6            | 88.0  | 77             | 714  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 152 | M25x1.5p-6H |  |
| EBK 60                                     | -95/4                    | • T3 or T4 | 9500   | 93195   | 820.0  | 569.0  | 340                             | 330    | 8410  | 7750                      | 12.90  | 11.3           | 190   | 165            | 820  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 26 | 453 | 478 | 191 | M32x1.5p-6H |  |

• Restrictions apply, see EBK front page



# EBK Range

6 POLE - 960 / 1152 RPM - 50/60 HERTZ



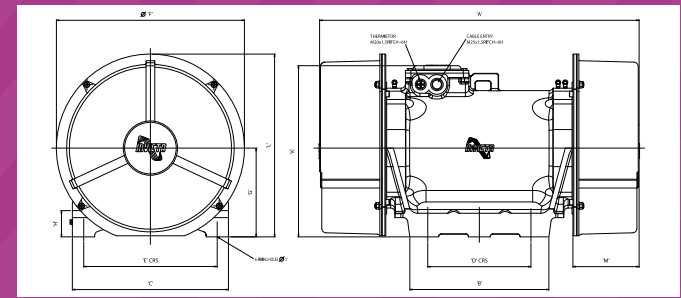
| Description<br>Description<br>Beschreibung |                          |            | Mechanical Specification<br>Caractéristiques Mécaniques<br>Mechanische Spezifikation |         |  |        |                                 |        | Electrical Specification<br>Spécifications Électriques<br>Elektrische Daten |                           |  |                |   |                | Dimensional Specification (mm)<br>Spécifications Dimensionnelles<br>Dimensionale Spezifikation |     |     |     |     |     |     |    |        |     |     |     |             |  |
|--|--------------------------|------------|--|---------|--|--------|---------------------------------|--------|---|---------------------------|--|----------------|---|----------------|--|-----|-----|-----|-----|-----|-----|----|--------|-----|-----|-----|-------------|--|
| Frame Size<br>Type<br>Gehäusegröße         | Temp.<br>Class<br>Klasse |            | Centrifugal Force<br>Force Centrifuge<br>Fliehkraft                                  |         | Working Moment<br>Moment de Travail<br>Arbeitsmoment<br>Kg.cm.<br>(x2) |        | Weight<br>Poids<br>Gewicht (Kg) |        | Watts<br>Puissance<br>Leistung  |                           | Full Load Current<br>Le Courant plein de<br>Chargement<br>Volle Lastströmung |                | Starting Current<br>Courant commençant<br>Anfangende Strömung |                |  |     |     |     |     |     |     |    |        |     |     |     |             |  |
|  |                          |            | Kg   | Newtons | 50 Hz.   | 60 Hz. | 50 Hz.                          | 60 Hz. | Input<br>D'entrée<br>Auf  | Output<br>De sortie<br>Ab | 400v<br>50 Hz.   | 460v<br>60 Hz. | 400v<br>50 Hz.  | 460v<br>60 Hz. | A  | B   | C   | D   | E   | F   | G   | H  | J      | K   | L   | M   | N           |  |
| EBK 25                                     | -4/6                     | • T3 or T4 | 400  | 3924    | 77.6   | 53.8   | 46                              | 43     | 747   | 510                       | 1.61   | 1.46           | 7.0   | 6.1            | 413  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 82  | M25x1.5p-6H |  |
| EBK 25                                     | -8/6                     | • T3 or T4 | 800  | 7848    | 155.0  | 107.6  | 51                              | 48     | 747   | 510                       | 1.61   | 1.46           | 7.0   | 6.1            | 493  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 122 | M25x1.5p-6H |  |
| EBK 25                                     | -11/6                    | • T3 or T4 | 1100   | 10790   | 213.0  | 148.0  | 59                              | 56     | 747   | 510                       | 1.61   | 1.46           | 7.0   | 6.1            | 493  | 190 | 225 | 150 | 185 | 258 | 120 | 40 | 4 x 17 | 252 | 249 | 122 | M25x1.5p-6H |  |
| EBK 30                                     | -14/6                    | • T3 or T4 | 1400   | 13734   | 271.0  | 188.0  | 90                              | 85     | 1165  | 900                       | 3.0  | 2.7            | 15.0  | 13.0           | 539  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 134 | M25x1.5p-6H |  |
| EBK 30                                     | -18/6                    | • T3 or T4 | 1800   | 17658   | 349.0  | 242.0  | 95                              | 90     | 1165  | 900                       | 3.0  | 2.7            | 15.0  | 13.0           | 539  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 134 | M25x1.5p-6H |  |
| EBK 40                                     | -27/6                    | • T3 or T4 | 2700   | 26487   | 524.0  | 364.0  | 130                             | 122    | 2290  | 1800                      | 5.0  | 4.6            | 25.0  | 22.0           | 542  | 220 | 320 | 170 | 270 | 358 | 170 | 60 | 4 x 26 | 326 | 349 | 122 | M25x1.5p-6H |  |
| EBK 45                                     | -42/6                    | • T3 or T4 | 4200   | 41200   | 815.0  | 566.0  | 195                             | 182    | 2690  | 2310                      | 6.3  | 5.8            | 44.0  | 38.0           | 670  | 298 | 357 | 248 | 305 | 378 | 175 | 60 | 4 x 26 | 355 | 364 | 152 | M25x1.5p-6H |  |
| EBK 50                                     | -60/6                    | • T3 or T4 | 6000   | 58860   | 1164.0   | 808.0  | 250                             | 231    | 4530  | 4000                      | 8.8  | 7.9            | 61.0  | 53.0           | 714  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 152 | M25x1.5p-6H |  |
| EBK 50                                     | -75/6                    | • T3 or T4 | 7500   | 73575   | 1455.0   | 1010.0 | 275                             | 256    | 4530  | 4000                      | 8.8  | 7.9            | 61.0  | 53.0           | 810  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 202 | M25x1.5p-6H |  |
| EBK 60                                     | -105/6                   | • T3 or T4 | 10500  | 103000  | 2037.0   | 1414.0 | 405                             | 382    | 6630  | 6200                      | 11.2   | 10.0           | 108   | 94             | 820  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 26 | 453 | 478 | 191 | M32x1.5p-6H |  |
| EBK 75                                     | -150/6                   | • T3 or T4 | 15000  | 147150  | 2910.0   | 2020.0 | 490                             | 460    | 10820   | 10000                     | 18.0   | 16.0           | 230   | 200            | 906  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 31 | 453 | 478 | 235 | M32x1.5p-6H |  |

• Restrictions apply, see EBK front page



# EBK Range

8 POLE - 720 / 864 RPM - 50/60 HERTZ



| Description<br>Description<br>Beschreibung |                          |     | Mechanical Specification<br>Caractéristiques Mécaniques<br>Mechanische Spezifikation |         |  |        |                                 |        | Electrical Specification<br>Spécifications Électriques<br>Elektrische Daten |                           |  |                |   |                | Dimensional Specification (mm)<br>Spécifications Dimensionnelles<br>Dimensionale Spezifikation |      |     |     |     |     |     |     |    |        |     |     |     |             |
|--|--------------------------|-----|--|---------|--|--------|---------------------------------|--------|---|---------------------------|--|----------------|---|----------------|--|------|-----|-----|-----|-----|-----|-----|----|--------|-----|-----|-----|-------------|
| Frame Size<br>Type<br>Gehäusegröße         | Temp.<br>Class<br>Klasse |     | Centrifugal Force<br>Force Centrifuge<br>Fliehkraft                                  |         | Working Moment<br>Moment de Travail<br>Arbeitsmoment<br>Kg.cm.<br>(x2) |        | Weight<br>Poids<br>Gewicht (Kg) |        | Watts<br>Puissance<br>Leistung  |                           | Full Load Current<br>Le Courant plein de<br>Chargement<br>Volle Lastströmung |                | Starting Current<br>Courant commençant<br>Anfangende Strömung |                |  |      |     |     |     |     |     |     |    |        |     |     |     |             |
|  |                          |     | Kg   | Newtons | 50 Hz.   | 60 Hz. | 50 Hz.                          | 60 Hz. | Input<br>D'entrée<br>Auf  | Output<br>De sortie<br>Ab | 400v<br>50 Hz.   | 460v<br>60 Hz. | 400v<br>50 Hz.  | 460v<br>60 Hz. | A  | B    | C   | D   | E   | F   | G   | H   | J  | K      | L   | M   | N   |             |
| EBK 30                                     | -7.5/8                   | □ • | T3 or T4   | 750     | 7357   | 259    | 180                             | 90     | 85  | 730                       | 500  | 2.3            | 2.2   | 10.4           | 9  | 539  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 134 | M25x1.5p-6H |
| EBK 30                                     | -10/8                    | □ • | T3 or T4   | 1000    | 9810   | 345    | 239                             | 95     | 90  | 730                       | 500  | 2.3            | 2.2   | 10.4           | 9  | 539  | 200 | 250 | 160 | 210 | 294 | 140 | 40 | 4 x 17 | 295 | 287 | 134 | M25x1.5p-6H |
| EBK 40                                     | -15/8                    | □ • | T3 or T4   | 1500    | 14715  | 517    | -                               | 130    | -   | 1530                      | 1100   | 3.6            | -   | 13.5           | -  | 542  | 220 | 320 | 170 | 270 | 358 | 170 | 60 | 4 x 26 | 326 | 349 | 122 | M25x1.5p-6H |
| EBK 40                                     | -17/8                    | ◇ • | T3 or T4   | 1700    | 16677  | -      | 406                             | -      | 122   | 1530                      | 1100   | -              | 3.3   | -              | 12   | 542  | 220 | 320 | 170 | 270 | 358 | 170 | 60 | 4 x 26 | 326 | 349 | 122 | M25x1.5p-6H |
| EBK 45                                     | -24/8                    | □ • | T3 or T4   | 2400    | 23838  | 838    | 581                             | 200    | 185   | 2465                      | 2000   | 6.1            | 5.6   | 23             | 20   | 670  | 298 | 357 | 248 | 305 | 378 | 175 | 60 | 4 x 26 | 355 | 364 | 152 | M25x1.5p-6H |
| EBK 50                                     | -35/8                    | □ • | T3 or T4   | 3500    | 34335  | 1207   | -                               | 250    | -   | 3780                      | 3300   | 8.6            | -   | 55             | -  | 714  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 152 | M25x1.5p-6H |
| EBK 50                                     | -45/8                    | □ • | T3 or T4   | 4500    | 44145  | 1552   | 1077                            | 270    | 250   | 3780                      | 3300   | 8.6            | 7.8   | 55             | 48   | 810  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 202 | M25x1.5p-6H |
| EBK 50                                     | -55/8                    | □ • | T3 or T4   | 5500    | 53955  | 1897   | -                               | 310    | -   | 3780                      | 3300   | 8.6            | -   | 55             | -  | 810  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 202 | M25x1.5p-6H |
| EBK 50                                     | -57/8                    | ◇ • | T3 or T4   | 5700    | 55917  | -      | 1362                            | -      | 292   | 3780                      | 3300   | -              | 7.8   | -              | 48   | 810  | 298 | 357 | 248 | 305 | 430 | 203 | 60 | 6 x 26 | 402 | 418 | 202 | M25x1.5p-6H |
| EBK 60                                     | -65/8                    | □ • | T3 or T4   | 6500    | 63765  | 2242   | -                               | 425    | -   | 5645                      | 4900   | 13.3           | -   | 97             | -  | 820  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 26 | 453 | 478 | 191 | M32x1.5p-6H |
| EBK 60                                     | -70/8                    | ◇ • | T3 or T4   | 7000    | 68670  | -      | 1673                            | -      | 404   | 5645                      | 4900   | -              | 12.1  | -              | 84   | 820  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 26 | 453 | 478 | 191 | M32x1.5p-6H |
| EBK 60                                     | -90/8                    | □ • | T3 or T4   | 9000    | 88290  | 3105   | 2155                            | 475    | 450   | 5645                      | 4900   | 13.3           | 12.1  | 97             | 84   | 907  | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 26 | 453 | 478 | 235 | M32x1.5p-6H |
| EBK 75                                     | -150/8                   | □ • | T3 or T4   | 15000   | 147150   | 5174   | 3592                            | 640    | 580   | 8940                      | 7750   | 20.1           | 18.1  | 124            | 108  | 1127 | 295 | 454 | 235 | 394 | 490 | 233 | 70 | 6 x 31 | 453 | 478 | 345 | M32x1.5p-6H |

• Restrictions apply, see EBK front page

□ Nur / Seulement 50 Hertz ONLY

◇ Nur / Seulement 60 Hertz ONLY