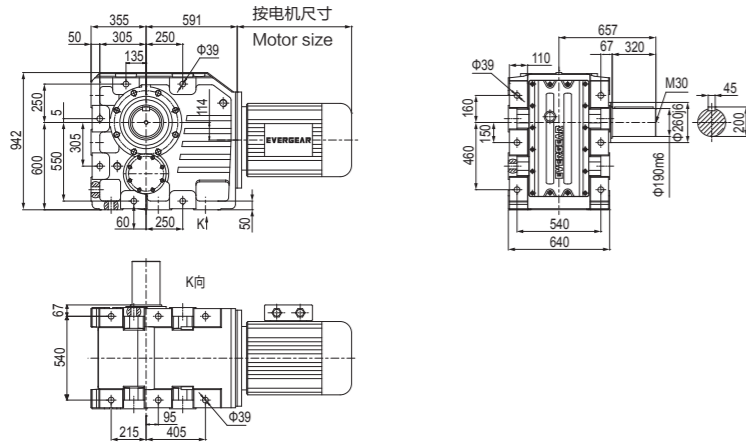
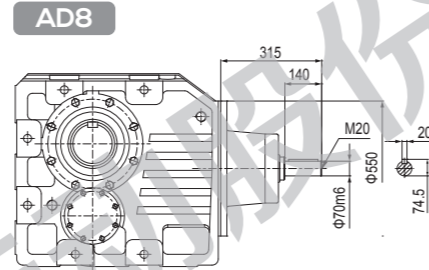
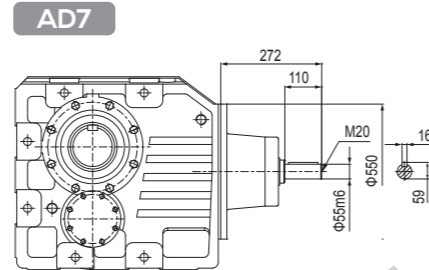
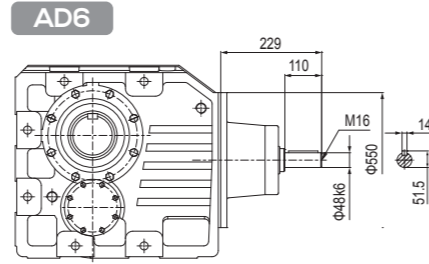


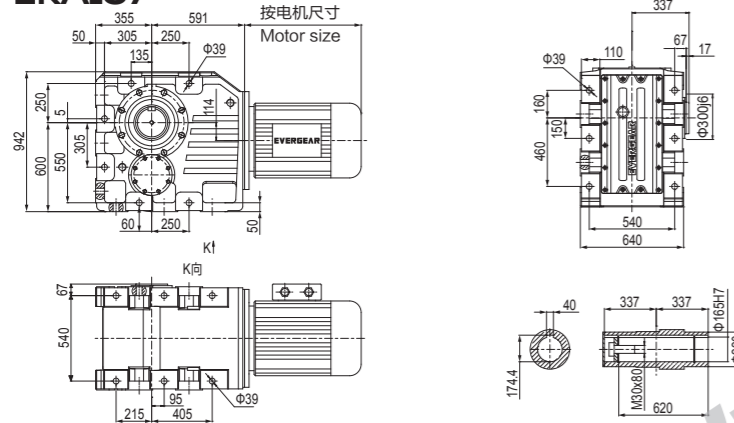
EK187



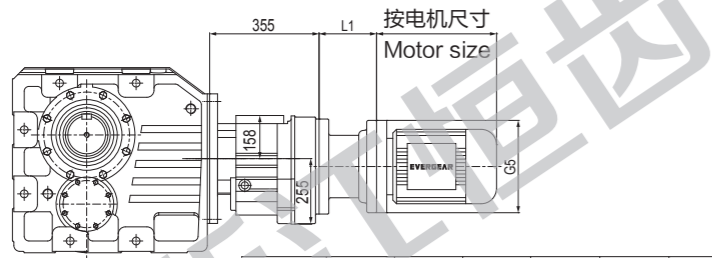
EK..S187



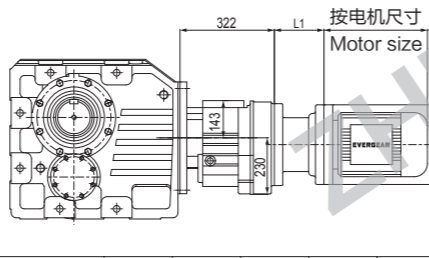
EKA187



EK..187ER107



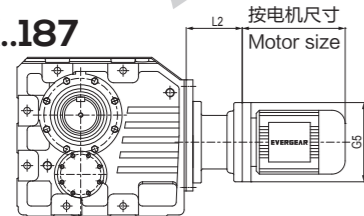
EK..187ER97



|                      |      |      |      |      |      |      |     |     |     |
|----------------------|------|------|------|------|------|------|-----|-----|-----|
| Y2电机座号<br>motor size | 112  | 132  | 160  | 180  | 200  | 225  | 250 | 280 | 315 |
| 功率4P<br>power/(kw)   | 4    | 7.5  | 11   | 15   | 18.5 | 22   | 30  | 37  | 45  |
| L1                   | 65   | 87   | 126  | 126  | 134  | 177  |     |     |     |
| G5                   | Φ250 | Φ300 | Φ350 | Φ350 | Φ400 | Φ450 |     |     |     |

|                      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|
| Y2电机座号<br>motor size | 80   | 90   | 100  | 112  | 132  | 160  |
| 功率4P<br>power/(kw)   | 0.55 | 0.75 | 1.1  | 1.5  | 2.2  | 3    |
| L1                   | 66   | 66   | 73   | 73   | 99   | 138  |
| G5                   | Φ200 | Φ200 | Φ250 | Φ250 | Φ300 | Φ350 |

EK..187



需方自配电机需加联接法兰  
Customers provide the motor by themselves need connected flange

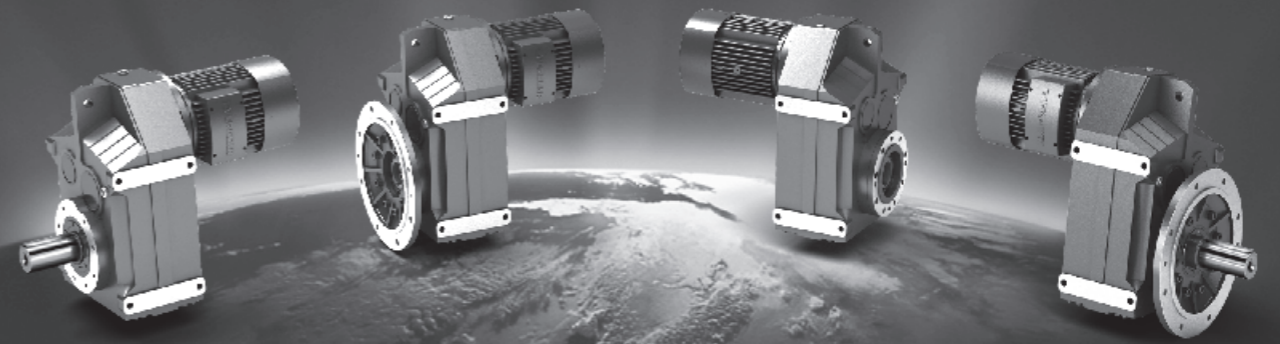
|                      |      |      |      |      |      |     |      |    |     |     |     |     |
|----------------------|------|------|------|------|------|-----|------|----|-----|-----|-----|-----|
| Y2电机座号<br>Motor size | 180  | 200  | 225  | 250  | 280  | 315 |      |    |     |     |     |     |
| 功率4P<br>Power/(kw)   | 18.5 | 22   | 30   | 37   | 45   | 55  | 75   | 90 | 110 | 132 | 160 | 200 |
| L2                   | 112  | 120  | 163  | 183  | 183  |     | 196  |    |     |     |     |     |
| G5                   | Φ350 | Φ400 | Φ450 | Φ550 | Φ550 |     | Φ660 |    |     |     |     |     |

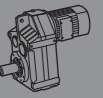
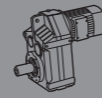
1.以上壳体壳体为通用件, 安装尺寸均可互相参照。  
2."EK.."表示EK系列所有结构形式。  
3.带胀紧盘结构形式, 胀紧盘尺寸详见008页。

1.The housings above are common parts, The mounting dimensions may consult each other.  
2."EK.." mean all mounting type of EK series.  
3.With expansion plate mounting type,see P008 for size details of expansion plate.

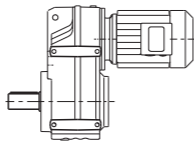
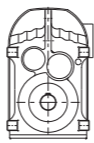
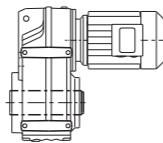
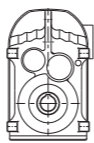
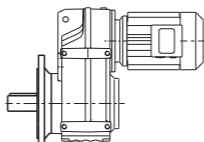

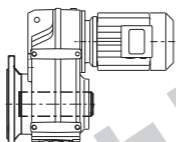

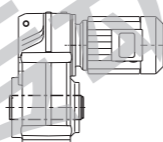
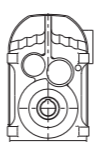
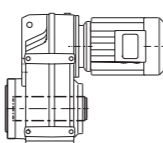
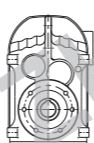
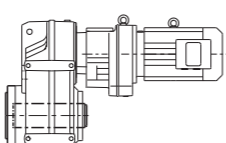
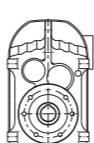
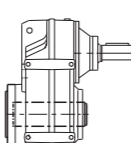
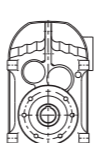
EF Series

平行轴斜齿轮减速机  
Parallel Shaft Helical Gear Motor

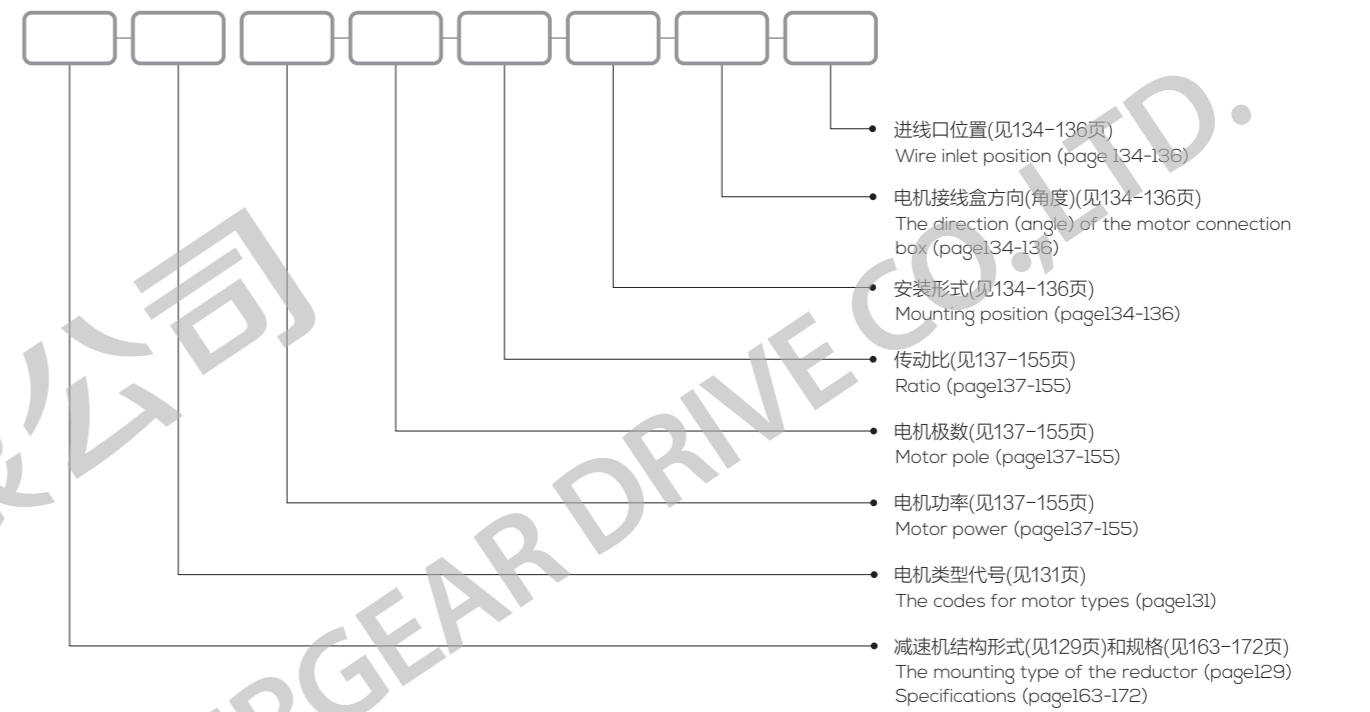




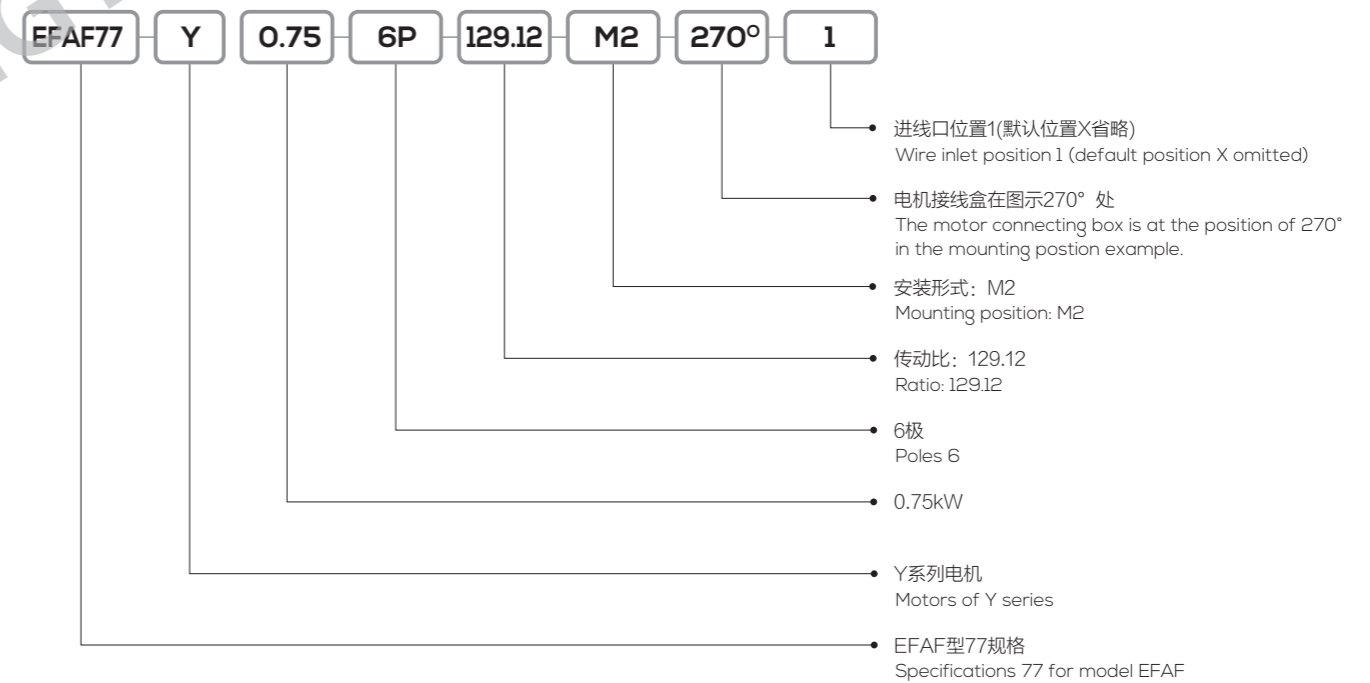
5 结构形式  
Mounting type:

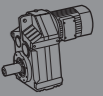
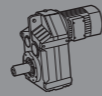
|  |   |
|--|---|
| <b>EF</b><br>底脚安装平行轴斜齿轮减速机<br>Foot-mounted parallel shaft helical gear reductor  | <br>     |
| <b>EFAB</b><br>底脚空心轴安装平行轴斜齿轮减速机<br>Foot-mounted parallel shaft helical gear reductor with hollow shaft   | <br>     |
| <b>EFF</b><br>B5法兰安装平行轴斜齿轮减速机<br>Parallel shaft helical gear reductor in B5 flange-mounted version   | <br>     |
| <b>EFAF</b><br>B5法兰空心轴安装平行轴斜齿轮减速机<br>Parallel shaft helical gear reductor in B5 flange-mounted version with hollow shaft   | <br>   |
| <b>EFA</b><br>空心轴安装平行轴斜齿轮减速机<br>Parallel shaft helical gear reductor with hollow shaft   | <br> |
| <b>EFAZ</b><br>B14法兰空心轴安装平行轴斜齿轮减速机<br>Parallel shaft helical gear reductor in B14 flange-mounted version with hollow shaft   | <br> |
| <b>EF..ER</b><br>EF系列与ER..7系列组合减速机<br>Combination of EF series reductor and ER..7 series reductor  | <br> |
| <b>EF..S</b><br>轴输入型, 即配输入轴不配电动机的平行轴斜齿轮减速机<br>shaft-input style, in another word, parallel shaft helical gear reductor equipped with input shaft but without the motor | <br> |

6 型号说明  
Instructions for Models:



示例  
Sample





**注 Notes**

1. 轴输入型没有电动机的各项内容。
2. 无特别说明时Y系列电动机供货按IP54防护等级。
3. 不注明安装形式时, 按安装形式图(见134-136页)中M1安装形式供货。
4. 不注明接线盒角度时, 按安装形式图(见134-136页)中0度位置供货。

1. The shaft-input style is not equipped with any motor
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
3. The mounting position of M1 as shown in the mounting position example (Page 134-136) is the default way when supplying unless otherwise specified.
4. 0° as shown in the mounting position example (Page 134-136) is the default connection box angle when supplying unless otherwise specified.

**7 电机类型代号**  
Codes for Motor Types:

|              |                              |            |                                 |            |                                  |
|--------------|------------------------------|------------|---------------------------------|------------|----------------------------------|
| <b>Y</b>     | Y系列<br>Y series              | <b>YB</b>  | 防爆电机<br>Flameproof Motor        | <b>Z</b>   | 直流电机<br>Direct Current Motor     |
| <b>YEJ</b>   | 制动电机<br>Brake Motor          | <b>YG</b>  | 辊道电机<br>Roll Motor              | <b>YVP</b> | 变频电机<br>Variable Frequency Motor |
| <b>YVPEJ</b> | 变频制动<br>Transduction braking | <b>YGP</b> | 变频辊道<br>Transduction roller way | <b>YZR</b> | 冶金起重<br>Metallurgy hoisting      |

**8 安装形式图释义**  
Explanation of mounting position example



**9 选型参数表释义**  
Explanation of Parameter Selection List

| 输出转速<br>Output speed<br>(r/min) | 输出转矩<br>Output torque<br>(Nm) | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(fs) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|--------------------------------|-------------|--------------------|
| <b>0.75kW</b>                   |                               |                     |                                |             |                    |
| 25                              | 2810                          | 57.33               | 1.05                           |             |                    |
| 28                              | 2530                          | 51.50               | 1.15                           | EF 87       | 4                  |
| 32                              | 2270                          | 46.31               | 1.25                           | EFA 87      | 4                  |
| 36                              | 1970                          | 40.19               | 1.40                           | EFF 87      | 4                  |
| 41                              | 1770                          | 35.99               | 1.50                           | EFAF87      | 4                  |
| 49                              | 1460                          | 29.86               | 1.70                           |             |                    |

1. 选型参数表中的机型号可与该栏中的任一传动比搭配。
2. 选型参数表中的参数也适用于EFAB、EFAZ、EFH、EFHB、EFHZ机型。
1. The machine types in the parameter selection list can match any transmission ratio in the column.
2. The parameters in this list also fits model EFAB、EFAZ、EFH、EFHB、EFHZ.

**10 EF系列输入功率及最大扭矩**  
Input power and maximum torque of EF series

| 型号    | Type                   | EF37   | EF47        | EF57        | EF67        | EF77        |
|-------|------------------------|--|-------------|-------------|-------------|-------------|
| 结构形式  | Structure              | EF、EFA、EFF、EFAF、EFAZ、EFAB、EFH、EFHF、EFHZ、EFHB |             |             |             |             |
| 输入功率  | Input power rating(kw) | 0.12~3                                       | 0.12~3      | 0.12~5.5    | 0.18~5.5    | 0.37~11     |
| 传动比   | Ratio                  | 84~128.51                                    | 4.67~179.53 | 4.75~199.70 | 3.94~229.10 | 3.75~281.71 |
| 最大扭矩* | Maximum torque(Nm)     | 200  | 380         | 600         | 820         | 1500        |

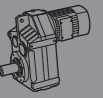
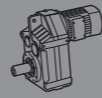
| 型号    | Type                   | EF87   | EF97        | EF107       | EF127       | EF157        | EF167       |
|-------|------------------------|--|-------------|-------------|-------------|--------------|-------------|
| 结构形式  | Structure              | EF、EFA、EFF、EFAF、EFAZ、EFAB、EFH、EFHF、EFHZ、EFHB |             |             |             |              |             |
| 输入功率  | Input power rating(kw) | 0.75~22                                      | 1.1~30      | 2.2~45      | 7.5~90      | 11~200       | 11~200      |
| 传动比   | Ratio                  | 3.70~273.43                                  | 3.80~276.99 | 4.91~251.75 | 4.99~174.86 | 11.92~267.43 | 7.41~183.18 |
| 最大扭矩* | Maximum torque(Nm)     | 3000   | 4300        | 7840        | 12000       | 18000        | 32000       |

\*最大扭矩指该规格不同传动比对应的最大扭矩的最大值  
\*The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

**11 EF系列主机重量表**  
Main machine weight form of EF series

|    |            |        |        |        |        |        |        |        |         |         |         |        |
|----|------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|
| 型号 | Type       | EF37   | EF47   | EF57   | EF67   | EF77   | EF87   | EF97   | EF107   | EF127   | EF157   | EF167  |
| 重量 | Weight(kg) | 19     | 25     | 29     | 35     | 62.5   | 109    | 182    | 259     | 431     | 679     | 1030   |
| 型号 | Type       | EFF37  | EFF47  | EFF57  | EFF67  | EFF77  | EFF87  | EFF97  | EFF107  | EFF127  | EFF157  |        |
| 重量 | Weight(kg) | 21     | 28     | 35     | 41     | 72.5   | 124    | 215    | 286     | 476     | 785     |        |
| 型号 | Type       | EFA37  | EFA47  | EFA57  | EFA67  | EFA77  | EFA87  | EFA97  | EFA107  | EFA127  | EFA157  | EFA167 |
| 重量 | Weight(kg) | 19     | 25     | 29     | 32     | 58.5   | 104    | 176    | 243     | 396     | 658     | 1010   |
| 型号 | Type       | EFAF37 | EFAF47 | EFAF57 | EFAF67 | EFAF77 | EFAF87 | EFAF97 | EFAF107 | EFAF127 | EFAF157 |        |
| 重量 | Weight(kg) | 20     | 27     | 34     | 39     | 65.5   | 117    | 197    | 263     | 431     | 717     |        |

注:  
1)EFAZ、EFAT、EFAB、EFH、EFHZ、EFHT、EFHB与EFA主机重量近似。  
2)EFHF与EFAF主机重量近似。  
Note:  
1)The weight of main machine of EFAZ、EFAT、EFAB、EFH、EFHZ、EFHT、EFHB is similar to that of EFA.  
2)The weight of main machine of EFHF is similar to that of EFAF.



12 EF系列润滑油量表  
Lubricating oil quantity form of EF series

EF..

| 型号 Type | 润滑油量(升) Fill quantity in liters(L) |      |      |      |      |     |
|---------|------------------------------------|------|------|------|------|-----|
|         | M1                                 | M2   | M3   | M4   | M5   | M6  |
| EF37    | 1                                  | 1.2  | 0.7  | 1.2  | 1    | 1.1 |
| EF47    | 1.5                                | 1.8  | 1.1  | 1.9  | 1.5  | 1.7 |
| EF57    | 2.6                                | 3.7  | 2.1  | 3.5  | 2.8  | 2.9 |
| EF67    | 2.7                                | 3.8  | 1.9  | 3.8  | 2.9  | 3.2 |
| EF77    | 5                                  | 7.3  | 4.3  | 8    | 6    | 6.3 |
| EF87    | 10                                 | 13   | 7.7  | 13.8 | 10.8 | 11  |
| EF97    | 18.5                               | 22.5 | 12.6 | 25.2 | 18.5 | 20  |
| EF107   | 24.5                               | 32   | 19.5 | 37.5 | 27   | 27  |
| EF127   | 40.5                               | 55   | 34   | 61   | 46.5 | 47  |
| EF157   | 69                                 | 104  | 63   | 105  | 86   | 78  |
| EF167   | 115                                | 175  | 105  | 180  | 130  | 120 |

EFA... EFAF... EFAZ... EFAT... EFAB... EFH... EFHF... EFHZ... EFHT... EFHB..

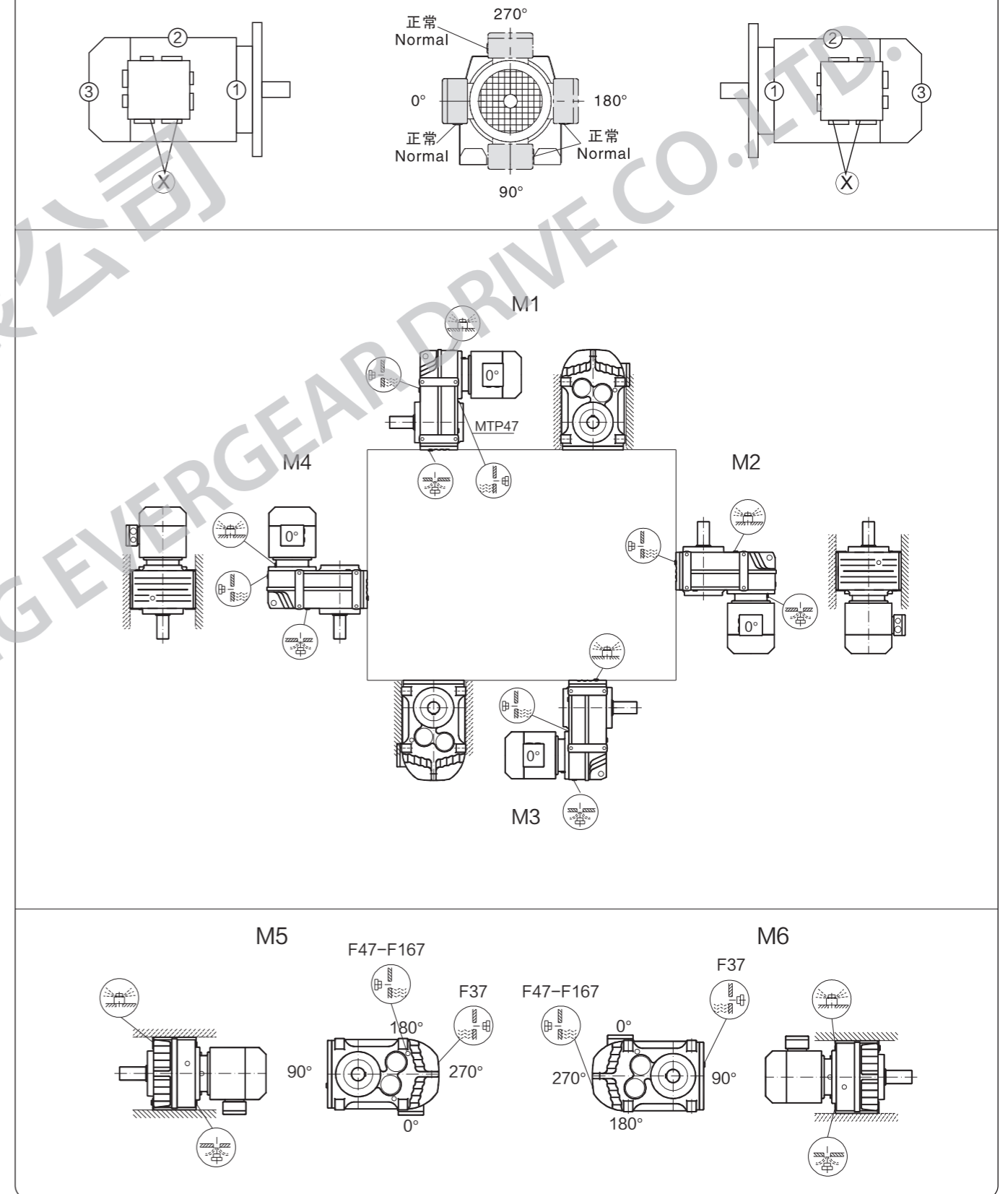
| 型号 Type | 润滑油量(升) Fill quantity in liters(L) |      |      |      |      |      |
|---------|------------------------------------|------|------|------|------|------|
|         | M1                                 | M2   | M3   | M4   | M5   | M6   |
| EF..37  | 1                                  | 1.2  | 0.7  | 1.2  | 1    | 1.1  |
| EF..47  | 1.5                                | 1.8  | 1.1  | 1.9  | 1.5  | 1.7  |
| EF..57  | 2.7                                | 3.8  | 2.1  | 3.6  | 2.9  | 3    |
| EF..67  | 2.7                                | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| EF..77  | 5                                  | 7.3  | 4.3  | 8    | 6    | 6.3  |
| EF..87  | 10                                 | 13   | 7.7  | 13.8 | 10.8 | 11   |
| EF..97  | 18.5                               | 22.5 | 12.6 | 25   | 18.5 | 20   |
| EF..107 | 24.5                               | 32   | 19.5 | 37.5 | 27   | 27   |
| EF..127 | 39                                 | 55   | 34   | 61   | 45   | 46.5 |
| EF..157 | 68                                 | 103  | 62   | 104  | 85   | 77   |
| EF..167 | 115                                | 175  | 105  | 180  | 130  | 120  |

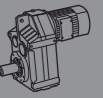
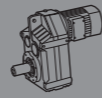
EFF..

| 型号 Type | 润滑油量(升) Fill quantity in liters(L) |      |      |      |      |      |
|---------|------------------------------------|------|------|------|------|------|
|         | M1                                 | M2   | M3   | M4   | M5   | M6   |
| EFF37   | 1                                  | 1.2  | 0.7  | 1.3  | 1    | 1.1  |
| EFF47   | 1.6                                | 1.9  | 1.1  | 1.9  | 1.5  | 1.7  |
| EFF57   | 2.8                                | 3.8  | 2.1  | 3.7  | 2.9  | 3    |
| EFF67   | 2.7                                | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| EFF77   | 5.1                                | 7.3  | 4.3  | 8.1  | 6    | 6.3  |
| EFF87   | 10.3                               | 13.2 | 7.8  | 14.1 | 11   | 11.2 |
| EFF97   | 19                                 | 22.5 | 12.6 | 25.5 | 18.9 | 20.5 |
| EFF107  | 25.5                               | 32   | 19.5 | 38.5 | 27.5 | 28   |
| EFF127  | 41.5                               | 56   | 34   | 63   | 46.5 | 49   |
| EFF157  | 72                                 | 105  | 64   | 106  | 87   | 79   |
| EFF167  | 115                                | 175  | 105  | 180  | 130  | 120  |

EF/EFAB37-167

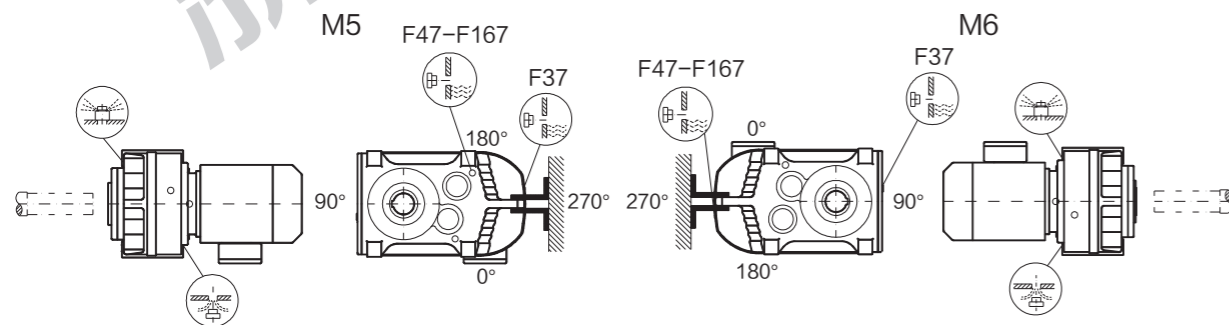
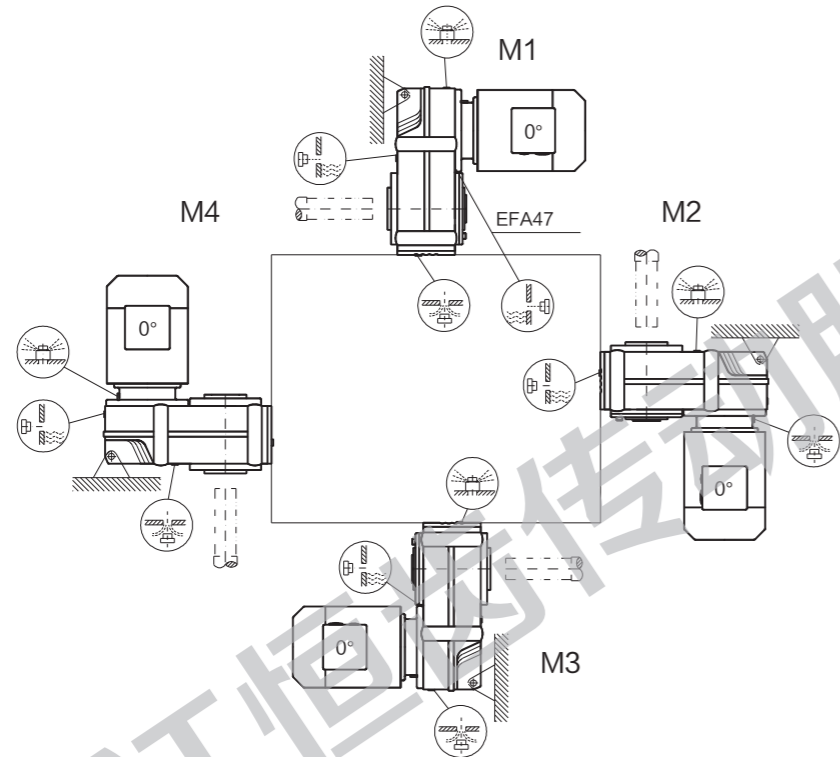
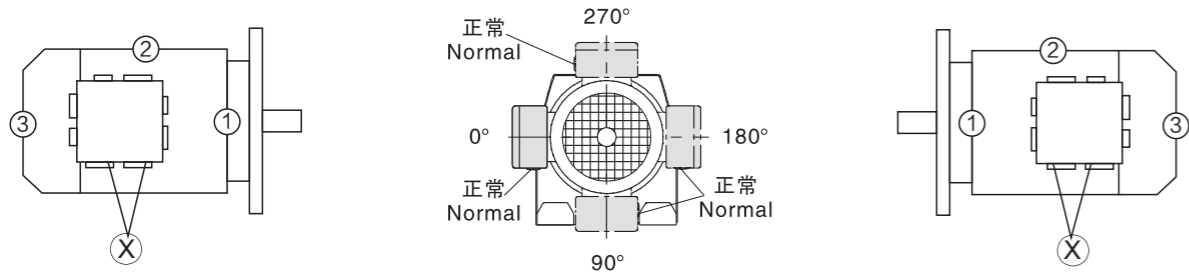
安装形式图 Mounting position example





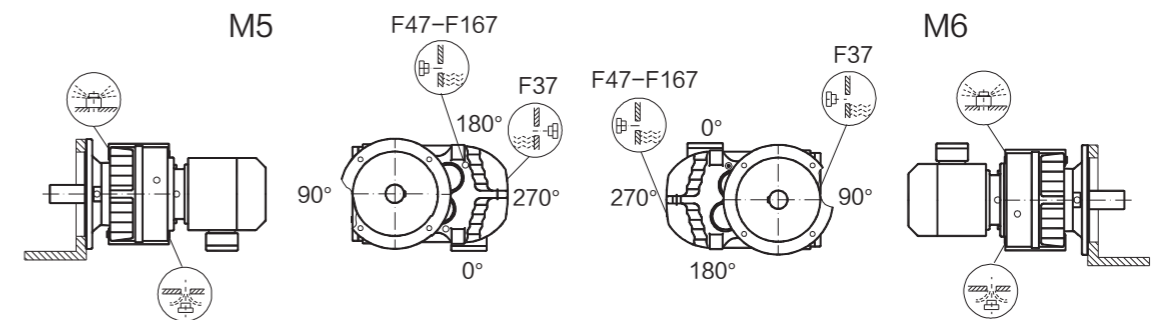
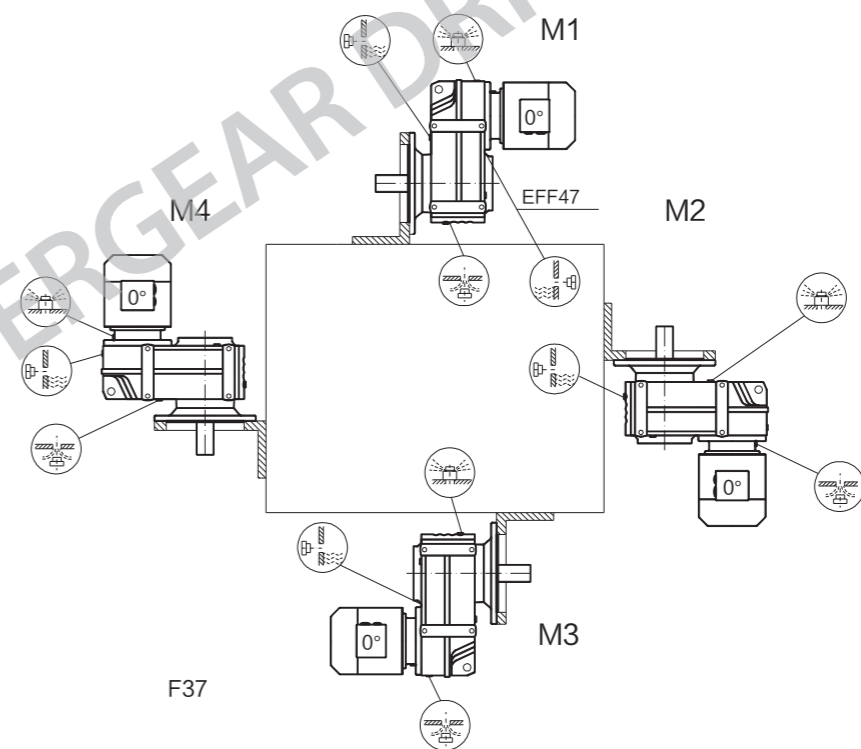
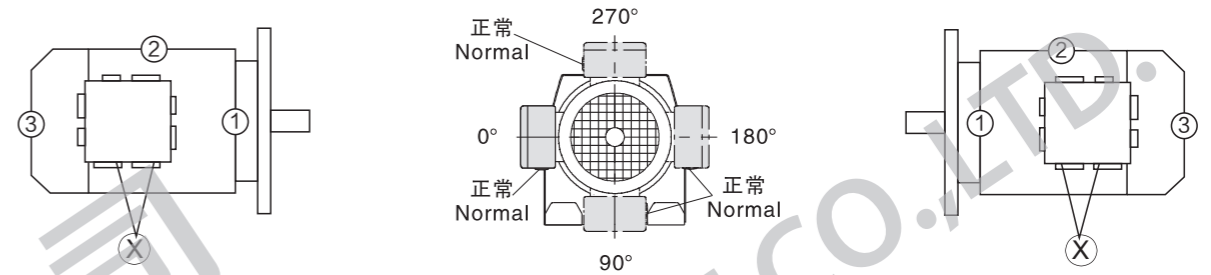
EFA37-167

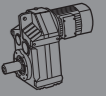
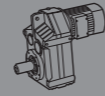
安装形式图 Mounting position example



EFF/EFAF/EFAZ37-167

安装形式图 Mounting position example





EF系列恒功率选型参数表

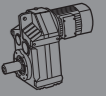
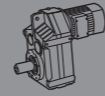
Constant power model selection parameter form of EF series

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.12kW</b>        |                       |              |                        |             |                    |
| 0.06                 | 15100                 | 22076        | 0.80                   |             |                    |
| 0.07                 | 12900                 | 18792        | 0.95                   |             |                    |
| 0.08                 | 11300                 | 16533        | 1.05                   | EF 127ER77  | 4                  |
| 0.09                 | 10200                 | 14873        | 1.20                   | EFA 127ER77 | 4                  |
| 0.11                 | 8910                  | 12997        | 1.35                   | EFF 127ER77 | 4                  |
| 0.12                 | 7850                  | 11458        | 1.55                   | EFAF127ER77 | 4                  |
| 0.14                 | 6900                  | 10063        | 1.75                   |             |                    |
| 0.09                 | 10100                 | 14724        | 0.80                   |             |                    |
| 0.12                 | 7810                  | 11398        | 1.00                   |             |                    |
| 0.14                 | 6860                  | 10009        | 1.10                   |             |                    |
| 0.16                 | 5790                  | 8452         | 1.35                   |             |                    |
| 0.18                 | 5230                  | 7630         | 1.45                   | EF 107ER77  | 4                  |
| 0.21                 | 4600                  | 6717         | 1.65                   | EFA 107ER77 | 4                  |
| 0.23                 | 4070                  | 5944         | 1.90                   | EFF 107ER77 | 4                  |
| 0.27                 | 3590                  | 5235         | 2.1                    | EFAF107ER77 | 4                  |
| 0.30                 | 3180                  | 4645         | 2.4                    |             |                    |
| 0.35                 | 2750                  | 4020         | 2.8                    |             |                    |
| 0.39                 | 2440                  | 3564         | 3.1                    |             |                    |
| 0.22                 | 4380                  | 6397         | 1.00                   | EF 97ER57   | 4                  |
| 0.25                 | 3850                  | 5624         | 1.10                   | EFA 97ER57  | 4                  |
| 0.28                 | 3380                  | 4937         | 1.25                   | EFF 97ER57  | 4                  |
| 0.32                 | 2980                  | 4355         | 1.45                   | EFAF97ER57  | 4                  |
| 0.36                 | 2670                  | 3896         | 1.60                   |             |                    |
| 0.42                 | 2280                  | 3329         | 1.90                   | EF 97ER57   | 4                  |
| 0.46                 | 2060                  | 3005         | 2.1                    | EFA 97ER57  | 4                  |
| 0.56                 | 1690                  | 2466         | 2.5                    | EFF 97ER57  | 4                  |
| 0.33                 | 2870                  | 4189         | 1.05                   | EF 87ER57   | 4                  |
| 0.38                 | 2540                  | 3700         | 1.20                   | EFA 87ER57  | 4                  |
|                      |                       |              |                        | EFF 87ER57  | 4                  |
|                      |                       |              |                        | EFAF87ER57  | 4                  |
| 0.41                 | 2310                  | 3364         | 1.30                   |             |                    |
| 0.43                 | 2200                  | 3210         | 1.35                   |             |                    |
| 0.48                 | 1980                  | 2890         | 1.50                   |             |                    |
| 0.55                 | 1720                  | 2516         | 1.75                   | EF 87ER57   | 4                  |
| 0.65                 | 1460                  | 2134         | 2.1                    | EFA 87ER57  | 4                  |
| 0.72                 | 1330                  | 1934         | 2.3                    | EFF 87ER57  | 4                  |
| 0.81                 | 1170                  | 1711         | 2.6                    | EFAF87ER57  | 4                  |
| 0.96                 | 990                   | 1450         | 3.0                    |             |                    |
| 1.1                  | 880                   | 1281         | 3.4                    |             |                    |
| 1.2                  | 785                   | 1143         | 3.8                    |             |                    |
| 0.53                 | 1790                  | 2611         | 0.85                   | EF 77ER37   | 4                  |
| 0.60                 | 1590                  | 2315         | 0.95                   | EFA 77ER37  | 4                  |
| 0.68                 | 1410                  | 2056         | 1.05                   | EFF 77ER37  | 4                  |
|                      |                       |              |                        | EFAF77ER37  | 4                  |
| 0.81                 | 1170                  | 1711         | 1.30                   |             |                    |
| 0.90                 | 1060                  | 1543         | 1.40                   |             |                    |
| 1.0                  | 930                   | 1354         | 1.60                   | EF 77ER37   | 4                  |
| 1.2                  | 820                   | 1203         | 1.80                   | EFA 77ER37  | 4                  |
| 1.3                  | 725                   | 1057         | 2.1                    | EFF 77ER37  | 4                  |
| 1.5                  | 625                   | 913          | 2.4                    | EFAF77ER37  | 4                  |
| 1.7                  | 555                   | 810          | 2.7                    |             |                    |
| 2.0                  | 485                   | 710          | 3.1                    |             |                    |
| 0.97                 | 980                   | 1430         | 0.85                   |             |                    |
| 1.1                  | 870                   | 1272         | 0.95                   |             |                    |
| 1.3                  | 755                   | 1103         | 1.10                   |             |                    |
| 1.4                  | 665                   | 970          | 1.25                   | EF 67ER37   | 4                  |
| 1.6                  | 590                   | 858          | 1.40                   | EFA 67ER37  | 4                  |
| 1.8                  | 520                   | 757          | 1.60                   | EFF 67ER37  | 4                  |
| 2.2                  | 440                   | 640          | 1.85                   | EFAF67ER37  | 4                  |
| 2.4                  | 395                   | 573          | 2.1                    |             |                    |
| 2.7                  | 350                   | 509          | 2.4                    |             |                    |
| 3.2                  | 300                   | 435          | 2.8                    |             |                    |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.12kW</b>        |                       |              |                        |             |                    |
| 1.6                  | 580                   | 849          | 1.05                   |             |                    |
| 1.9                  | 505                   | 734          | 1.20                   | EF 57ER37   | 4                  |
| 2.2                  | 440                   | 644          | 1.35                   | EFA 57ER37  | 4                  |
| 2.5                  | 380                   | 557          | 1.55                   | EFF 57ER37  | 4                  |
| 2.7                  | 345                   | 507          | 1.75                   | EFAF57ER37  | 4                  |
| 3.1                  | 305                   | 445          | 1.95                   |             |                    |
| 3.3                  | 290                   | 426          | 2.1                    |             |                    |
| 3.6                  | 260                   | 382          | 2.3                    | EF 57ER37   | 4                  |
| 4.2                  | 225                   | 330          | 2.7                    | EFA 57ER37  | 4                  |
| 4.7                  | 205                   | 298          | 2.9                    | EFF 57ER37  | 4                  |
| 5.3                  | 180                   | 262          | 3.3                    | EFAF57ER37  | 4                  |
| 2.5                  | 375                   | 547          | 1.05                   | EF 47ER17   | 4                  |
| 2.9                  | 325                   | 476          | 1.25                   | EFA 47ER17  | 4                  |
| 3.3                  | 290                   | 422          | 1.40                   | EFF 47ER17  | 4                  |
|                      |                       |              |                        | EFAF47ER17  | 4                  |
| 2.7                  | 355                   | 518          | 1.15                   |             |                    |
| 2.8                  | 340                   | 493          | 1.20                   |             |                    |
| 3.2                  | 295                   | 429          | 1.35                   | EF 47ER17   | 4                  |
| 3.6                  | 260                   | 383          | 1.50                   | EFA 47ER17  | 4                  |
| 4.1                  | 230                   | 335          | 1.75                   | EFF 47ER17  | 4                  |
| 4.7                  | 200                   | 295          | 2.0                    | EFAF47ER17  | 4                  |
| 5.5                  | 172                   | 251          | 2.3                    |             |                    |
| 4.3                  | 220                   | 322          | 0.90                   | EF 37ER17   | 4                  |
| 5.0                  | 190                   | 277          | 1.05                   | EFA 37ER17  | 4                  |
| 5.7                  | 166                   | 242          | 1.20                   | EFF 37ER17  | 4                  |
| 6.3                  | 151                   | 221          | 1.30                   | EFAF37ER17  | 4                  |
| 4.3                  | 225                   | 326          | 0.90                   |             |                    |
| 4.9                  | 195                   | 285          | 1.00                   | EF 37ER17   | 4                  |
| 5.6                  | 171                   | 250          | 1.15                   | EFA 37ER17  | 4                  |
| 6.3                  | 150                   | 219          | 1.35                   | EFF 37ER17  | 4                  |
| 7.5                  | 127                   | 186          | 1.55                   | EFAF37ER17  | 4                  |
| 8.3                  | 114                   | 167          | 1.75                   |             |                    |
| 7.0                  | 165                   | 199.70       | 3.6                    | EF 57       | 4                  |
| 7.6                  | 151                   | 183.60       | 4.0                    | EFA 57      | 4                  |
| 8.8                  | 130                   | 157.09       | 4.6                    | EFF 57      | 4                  |
| 10                   | 112                   | 136.16       | 5.3                    | EFAF57      | 4                  |
| 7.7                  | 148                   | 179.53       | 2.7                    | EF 47       | 4                  |
| 8.4                  | 136                   | 165.06       | 2.9                    | EFA 47      | 4                  |
| 9.8                  | 116                   | 141.22       | 3.4                    | EFF 47      | 4                  |
| 11                   | 101                   | 122.41       | 4.0                    | EFAF47      | 4                  |
| 11                   | 106                   | 128.51       | 1.90                   |             |                    |
| 12                   | 97                    | 117.88       | 2.1                    |             |                    |
| 14                   | 83                    | 100.36       | 2.4                    |             |                    |
| 16                   | 71                    | 86.53        | 2.8                    |             |                    |
| 17                   | 66                    | 80.65        | 3.0                    |             |                    |
| 20                   | 58                    | 70.50        | 3.4                    |             |                    |
| 21                   | 54                    | 66.09        | 3.7                    | EF 37       | 4                  |
| 24                   | 48                    | 58.32        | 4.2                    | EFA 37      | 4                  |
| 25                   | 45                    | 54.54        | 4.4                    | EFF 37      | 4                  |
| 27                   | 43                    | 51.70        | 4.7                    | EFAF37      | 4                  |
| 30                   | 39                    | 47.02        | 5.2                    |             |                    |
| 32                   | 36                    | 43.83        | 5.5                    |             |                    |
| 36                   | 32                    | 38.31        | 6.3                    |             |                    |
| 39                   | 30                    | 35.91        | 6.8                    |             |                    |
| 44                   | 26                    | 31.69        | 7.7                    |             |                    |
| 49                   | 23                    | 28.10        | 8.6                    |             |                    |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.12kW</b>        |                       |              |                        |             |                    |
| 59                   | 19                    | 23.63        | 10                     |             |                    |
| 68                   | 17                    | 20.57        | 12                     |             |                    |
| 72                   | 16                    | 19.27        | 13                     |             |                    |
| 82                   | 14                    | 17.03        | 14                     |             |                    |
| 88                   | 13                    | 15.81        | 15                     |             |                    |
| 97                   | 12                    | 14.33        | 17                     |             |                    |
| 108                  | 11                    | 12.87        | 19                     |             |                    |
| 125                  | 9.1                   | 11.08        | 21                     | EF 37       | 4                  |
| 133                  | 8.6                   | 10.42        | 22                     | EFA 37      | 4                  |
| 155                  | 7.4                   | 8.97         | 24                     | EFF 37      | 4                  |
| 174                  | 6.6                   | 8.01         | 26                     | EFAF37      | 4                  |
| 184                  | 6.2                   | 7.57         | 23                     |             |                    |
| 203                  | 5.7                   | 6.86         | 25                     |             |                    |
| 226                  | 5.1                   | 6.16         | 27                     |             |                    |
| 262                  | 4.4                   | 5.31         | 29                     |             |                    |
| 279                  | 4.1                   | 4.99         | 29                     |             |                    |
| 323                  | 3.5                   | 4.30         | 31                     |             |                    |
| 362                  | 3.2                   | 3.84         | 33                     |             |                    |
| <b>0.18kW</b>        |                       |              |                        |             |                    |
| 0.11                 | 13600                 | 12997        | 0.90                   |             |                    |
| 0.12                 | 12000                 | 11458        | 1.00                   | EF 127ER77  | 4                  |
| 0.14                 | 10500                 | 10063        | 1.15                   | EFA 127ER77 | 4                  |
| 0.16                 | 9280                  | 8853         | 1.30                   | EFF 127ER77 | 4                  |
| 0.18                 | 7880                  | 7520         | 1.50                   | EFAF127ER77 | 4                  |
| 0.21                 | 7060                  | 6735         | 1.70                   |             |                    |
| 0.16                 | 8860                  | 8452         | 0.85                   |             |                    |
| 0.18                 | 8000                  | 7630         | 0.95                   |             |                    |
| 0.21                 | 7040                  | 6717         | 1.10                   | EF 107ER77  | 4                  |
| 0.23                 | 6230                  | 5944         | 1.25                   | EFA 107ER77 | 4                  |
| 0.27                 | 5490                  | 5235         | 1.40                   | EFF 107ER77 | 4                  |
| 0.30                 | 4870                  | 4645         | 1.60                   | EFAF107ER77 | 4                  |
| 0.35                 | 4210                  | 4020         | 1.80                   |             |                    |
| 0.39                 | 3740                  | 3564         | 2.1                    |             |                    |
| 0.45                 | 3270                  | 3118         | 2.4                    | EF 107ER77  | 4                  |
| 0.51                 | 2850                  | 2724         | 2.7                    | EFA 107ER77 | 4                  |
| 0.58                 | 2490                  | 2377         | 3.1                    | EFF 107ER77 | 4                  |
| 0.67                 | 2180                  | 2080         | 3.5                    | EFAF107ER77 | 4                  |
| 0.32                 | 4560                  | 4355         | 0.95                   | EF 97ER57   | 4                  |
|                      |                       |              |                        | EFA 97ER57  | 4                  |
|                      |                       |              |                        | EFF 97ER57  | 4                  |
|                      |                       |              |                        | EFAF97ER57  | 4                  |
| 0.36                 | 4050                  | 3863         | 1.05                   |             |                    |
| 0.41                 | 3520                  | 3361         | 1.20                   |             |                    |
| 0.48                 | 3030                  | 2895         | 1.40                   |             |                    |
| 0.55                 | 2670                  | 2547         | 1.60                   | EF 97ER57   | 4                  |
| 0.62                 | 2360                  | 2249         | 1.80                   | EFA 97ER57  | 4                  |
| 0.70                 | 2070                  | 1979         | 2.1                    | EFF 97ER57  | 4                  |
| 0.81                 | 1800                  | 1722         | 2.4                    | EFAF97ER57  | 4                  |
| 0.91                 | 1610                  | 1532         | 2.7                    |             |                    |
| 1.0                  | 1390                  | 1327         | 3.1                    |             |                    |
| 1.2                  | 1230                  | 1173         | 3.5                    |             |                    |
| 0.48                 | 3070                  | 2926         | 1.00                   |             |                    |
| 0.55                 | 2640                  | 2521         | 1.15                   |             |                    |
| 0.63                 | 2310                  | 2200         | 1.30                   |             |                    |
| 0.71                 | 2040                  | 1951         | 1.45                   |             |                    |
| 0.81                 | 1800                  | 1715         | 1.65                   | EF 87ER57   | 4                  |
| 0.93                 | 1570                  | 1500         | 1.90                   | EFA 87ER57  | 4                  |
| 1.1                  | 1360                  | 1302         | 2.2                    | EFF 87ER57  | 4                  |
| 1.2                  | 1210                  | 1150         | 2.5                    | EFAF87ER57  | 4                  |
| 1.4                  | 1060                  | 1008         | 2.8                    |             |                    |
| 1.6                  | 940                   | 895          | 3.2                    |             |                    |
| 1.8                  | 820                   | 779          | 3.7                    |             |                    |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.18kW</b>        |                       |              |                        |             |                    |
| 0.90                 | 1620                  | 1543         | 0.95                   |             |                    |
| 1.0                  | 1420                  | 1354         | 1.05                   |             |                    |
| 1.2                  | 1260                  | 1203         | 1.20                   | EF 77ER37   | 4                  |
| 1.3                  | 1110                  | 1057         | 1.35                   | EFA 77ER37  | 4                  |
| 1.5                  | 960                   | 913          | 1.55                   | EFF 77ER37  | 4                  |
| 1.7                  | 850                   | 810          | 1.75                   | EFAF77ER37  | 4                  |
| 2.0                  | 745                   | 710          | 2.0                    |             |                    |
| 2.3                  | 645                   | 615          | 2.3                    |             |                    |
| 1.6                  | 900                   | 858          | 0.90                   |             |                    |
| 1.8                  | 795                   | 757          | 1.05                   |             |                    |
| 2.2                  | 670                   | 640          | 1.20                   | EF 67ER37   | 4                  |
| 2.4                  | 600                   | 573          | 1.35                   | EFA 67ER37  | 4                  |
| 2.7                  | 535                   | 509          | 1.55                   | EFF 67ER37  | 4                  |
| 3.2                  | 455                   | 435          | 1.80                   | EFAF67ER37  | 4                  |
| 3.6                  | 405                   | 386          | 2.0                    |             |                    |
| 2.8                  | 520                   | 497          | 1.55                   |             |                    |
| 3.1                  | 470                   | 449          | 1.75                   |             |                    |
| 3.6                  | 405                   | 385          | 2.0                    | EF 67ER37   | 4                  |
| 4.1                  | 355                   | 339          | 2.3                    | EFA 67ER37  | 4                  |
| 4.7                  | 310                   | 296          | 2.6                    | EFF 67ER37  | 4                  |
| 5.3                  | 275                   | 262          | 3.0                    | EFAF67ER37  | 4                  |
| 5.9                  | 245                   | 234          | 3.3                    |             |                    |
| 7.0                  | 210                   | 200          | 3.9                    |             |                    |
| 2.5                  | 585                   | 557          | 1.05                   |             |                    |
| 2.7                  | 530                   | 507          | 1.15                   | EF 57ER37   | 4                  |
| 3.1                  | 465                   | 445          | 1.30                   | EFA 57ER37  | 4                  |
| 3.6                  | 405                   | 385          | 1.50                   | EFF 57ER37  | 4                  |
| 4.1                  | 355                   | 338          | 1.70                   | EFAF57ER37  | 4                  |
| 3.3                  | 445                   | 426          | 1.35                   |             |                    |
| 3.6                  | 400                   | 382          | 1.50                   |             |                    |
| 4.2                  | 345                   | 330          | 1.75                   | EF 57ER37   | 4                  |
| 4.7                  | 310                   | 298          | 1.90                   | EFA 57ER37  | 4                  |
| 5.3                  | 275                   | 262          | 2.2                    | EFF 57ER37  | 4                  |
| 6.2                  | 235                   | 226          | 2.5                    | EFAF57ER37  | 4                  |
| 7.0                  | 210                   | 200          | 2.9                    |             |                    |
| 3.8                  | 385                   | 369          | 1.05                   | EF 47ER17   | 4                  |
| 4.3                  | 340                   | 326          | 1.15                   | EFA         |                    |

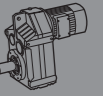
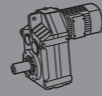


| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.18kW</b>        |                       |              |                        |             |                    |
| 4.3                  | 405                   | 199.70       | 1.50                   |             |                    |
| 4.6                  | 370                   | 183.60       | 1.60                   | EF 57       | 6                  |
| 5.4                  | 320                   | 157.09       | 1.90                   | EFA 57      | 6                  |
| 6.2                  | 275                   | 136.16       | 2.2                    | EFF 57      | 6                  |
| 6.7                  | 255                   | 127.27       | 2.3                    | EFAF57      | 6                  |
| 7.7                  | 220                   | 110.01       | 2.7                    |             |                    |
| 7.0                  | 245                   | 199.70       | 2.4                    |             |                    |
| 7.6                  | 225                   | 183.60       | 2.6                    | EF 57       | 4                  |
| 8.8                  | 194                   | 157.09       | 3.1                    | EFA 57      | 4                  |
| 10                   | 168                   | 136.16       | 3.6                    | EFF 57      | 4                  |
| 11                   | 157                   | 127.27       | 3.8                    | EFAF57      | 4                  |
| 4.7                  | 365                   | 179.53       | 1.10                   |             |                    |
| 5.1                  | 335                   | 165.06       | 1.20                   | EF 47       | 6                  |
| 6.0                  | 285                   | 141.22       | 1.40                   | EFA 47      | 6                  |
| 6.9                  | 250                   | 122.41       | 1.60                   | EFF 47      | 6                  |
| 7.4                  | 230                   | 114.41       | 1.75                   | EFAF47      | 6                  |
| 7.7                  | 220                   | 179.53       | 1.80                   |             |                    |
| 8.4                  | 205                   | 165.06       | 1.95                   | EF 47       | 4                  |
| 9.8                  | 175                   | 141.22       | 2.3                    | EFA 47      | 4                  |
| 11                   | 151                   | 122.41       | 2.6                    | EFF 47      | 4                  |
| 12                   | 141                   | 114.41       | 2.8                    | EFAF47      | 4                  |
| 7.2                  | 240                   | 117.88       | 0.85                   |             |                    |
| 8.5                  | 205                   | 100.36       | 1.00                   | EF 37       | 6                  |
| 9.8                  | 175                   | 86.53        | 1.15                   | EFA 37      | 6                  |
| 11                   | 163                   | 80.65        | 1.25                   | EFF 37      | 6                  |
| 12                   | 143                   | 70.50        | 1.40                   | EFAF37      | 6                  |
| 11                   | 159                   | 128.51       | 1.25                   |             |                    |
| 12                   | 146                   | 117.88       | 1.35                   |             |                    |
| 14                   | 124                   | 100.36       | 1.60                   |             |                    |
| 16                   | 107                   | 86.53        | 1.85                   |             |                    |
| 17                   | 100                   | 80.65        | 2.0                    |             |                    |
| 20                   | 87                    | 70.50        | 2.3                    |             |                    |
| 21                   | 82                    | 66.09        | 2.4                    | EF 37       | 4                  |
| 24                   | 72                    | 58.32        | 2.8                    | EFA 37      | 4                  |
| 25                   | 67                    | 54.54        | 3.0                    | EFF 37      | 4                  |
| 27                   | 64                    | 51.70        | 3.1                    | EFAF37      | 4                  |
| 30                   | 58                    | 47.02        | 3.4                    |             |                    |
| 32                   | 54                    | 43.83        | 3.7                    |             |                    |
| 36                   | 47                    | 38.31        | 4.2                    |             |                    |
| 39                   | 44                    | 35.91        | 4.5                    |             |                    |
| 44                   | 39                    | 31.69        | 5.1                    |             |                    |
| 49                   | 35                    | 28.10        | 5.8                    |             |                    |
| 59                   | 29                    | 23.63        | 6.8                    |             |                    |
| 68                   | 25                    | 20.57        | 7.9                    |             |                    |
| 72                   | 24                    | 19.27        | 8.4                    |             |                    |
| 82                   | 21                    | 17.03        | 9.5                    |             |                    |
| 88                   | 20                    | 15.81        | 10                     |             |                    |
| 97                   | 18                    | 14.33        | 11                     |             |                    |
| 108                  | 16                    | 12.87        | 13                     |             |                    |
| 125                  | 14                    | 11.08        | 14                     | EF 37       | 4                  |
| 133                  | 13                    | 10.42        | 14                     | EFA 37      | 4                  |
| 155                  | 11                    | 8.97         | 16                     | EFF 37      | 4                  |
| 174                  | 9.9                   | 8.01         | 17                     | EFAF37      | 4                  |
| 184                  | 9.4                   | 7.57         | 15                     |             |                    |
| 203                  | 8.5                   | 6.86         | 17                     |             |                    |
| 226                  | 7.6                   | 6.16         | 18                     |             |                    |
| 262                  | 6.6                   | 5.31         | 19                     |             |                    |
| 279                  | 6.2                   | 4.99         | 19                     |             |                    |
| 323                  | 5.3                   | 4.30         | 21                     |             |                    |
| 362                  | 4.7                   | 3.84         | 22                     |             |                    |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.25kW</b>        |                       |              |                        |             |                    |
| 0.16                 | 13000                 | 8853         | 0.95                   |             |                    |
| 0.18                 | 11000                 | 7520         | 1.10                   | EF 127ER77  | 4                  |
| 0.21                 | 9860                  | 6735         | 1.20                   | EFA 127ER77 | 4                  |
| 0.23                 | 8680                  | 5926         | 1.40                   | EFF 127ER77 | 4                  |
| 0.27                 | 7510                  | 5128         | 1.60                   | EFAF127ER77 | 4                  |
| 0.31                 | 6630                  | 4525         | 1.80                   |             |                    |
| 0.23                 | 8710                  | 5944         | 0.90                   |             |                    |
| 0.27                 | 7670                  | 5235         | 1.00                   | EF 107ER77  | 4                  |
| 0.30                 | 6800                  | 4645         | 1.15                   | EFA 107ER77 | 4                  |
| 0.35                 | 5890                  | 4020         | 1.30                   | EFF 107ER77 | 4                  |
| 0.39                 | 5220                  | 3564         | 1.45                   | EFAF107ER77 | 4                  |
| 0.45                 | 4570                  | 3118         | 1.70                   |             |                    |
| 0.51                 | 3990                  | 2724         | 1.95                   | EF 107ER77  | 4                  |
| 0.58                 | 3480                  | 2377         | 2.2                    | EFA 107ER77 | 4                  |
| 0.67                 | 3050                  | 2080         | 2.5                    | EFF 107ER77 | 4                  |
| 0.76                 | 2680                  | 1831         | 2.9                    | EFAF107ER77 | 4                  |
| 0.98                 | 2070                  | 1416         | 3.7                    |             |                    |
| 0.48                 | 4240                  | 2895         | 1.00                   |             |                    |
| 0.55                 | 3730                  | 2547         | 1.15                   |             |                    |
| 0.62                 | 3290                  | 2249         | 1.30                   |             |                    |
| 0.70                 | 2900                  | 1979         | 1.50                   | EF 97ER57   | 4                  |
| 0.81                 | 2520                  | 1722         | 1.70                   | EFA 97ER57  | 4                  |
| 0.91                 | 2240                  | 1532         | 1.90                   | EFF 97ER57  | 4                  |
| 1.0                  | 1940                  | 1327         | 2.2                    | EFAF97ER57  | 4                  |
| 1.2                  | 1720                  | 1173         | 2.5                    |             |                    |
| 1.4                  | 1500                  | 1025         | 2.9                    |             |                    |
| 0.71                 | 2860                  | 1951         | 1.05                   |             |                    |
| 0.81                 | 2510                  | 1715         | 1.20                   |             |                    |
| 0.93                 | 2200                  | 1500         | 1.35                   |             |                    |
| 1.1                  | 1910                  | 1302         | 1.55                   | EF 87ER57   | 4                  |
| 1.2                  | 1680                  | 1150         | 1.80                   | EFA 87ER57  | 4                  |
| 1.4                  | 1480                  | 1008         | 2.0                    | EFF 87ER57  | 4                  |
| 1.6                  | 1310                  | 895          | 2.3                    | EFAF87ER57  | 4                  |
| 1.8                  | 1140                  | 779          | 2.6                    |             |                    |
| 2.1                  | 990                   | 677          | 3.0                    |             |                    |
| 1.3                  | 1550                  | 1057         | 0.95                   |             |                    |
| 1.5                  | 1340                  | 913          | 1.10                   |             |                    |
| 1.7                  | 1190                  | 810          | 1.25                   | EF 77ER37   | 4                  |
| 2.0                  | 1040                  | 710          | 1.45                   | EFA 77ER37  | 4                  |
| 2.3                  | 900                   | 615          | 1.65                   | EFF 77ER37  | 4                  |
| 2.6                  | 790                   | 538          | 1.90                   | EFAF77ER37  | 4                  |
| 2.9                  | 705                   | 480          | 2.1                    |             |                    |
| 3.4                  | 600                   | 410          | 2.5                    |             |                    |
| 2.4                  | 840                   | 573          | 1.00                   | EF 67ER37   | 4                  |
| 2.7                  | 745                   | 509          | 1.10                   | EFA 67ER37  | 4                  |
| 3.2                  | 635                   | 435          | 1.30                   | EFF 67ER37  | 4                  |
|                      |                       |              |                        | EFAF67ER37  | 4                  |
| 2.8                  | 730                   | 497          | 1.15                   |             |                    |
| 3.1                  | 660                   | 449          | 1.25                   | EF 67ER37   | 4                  |
| 3.6                  | 565                   | 385          | 1.45                   | EFA 67ER37  | 4                  |
| 4.1                  | 495                   | 339          | 1.65                   | EFF 67ER37  | 4                  |
| 4.7                  | 435                   | 296          | 1.90                   | EFAF67ER37  | 4                  |
| 5.3                  | 385                   | 262          | 2.1                    |             |                    |
| 5.9                  | 345                   | 234          | 2.4                    |             |                    |
| 3.6                  | 565                   | 385          | 1.05                   | EF 57ER37   | 4                  |
| 4.1                  | 495                   | 338          | 1.20                   | EFA 57ER37  | 4                  |
| 5.4                  | 380                   | 259          | 1.60                   | EFF 57ER37  | 4                  |
| 6.9                  | 295                   | 201          | 2.0                    | EFAF57ER37  | 4                  |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.25kW</b>        |                       |              |                        |             |                    |
| 3.6                  | 560                   | 382          | 1.05                   |             |                    |
| 4.2                  | 485                   | 330          | 1.25                   |             |                    |
| 4.7                  | 435                   | 298          | 1.35                   | EF 57ER37   | 4                  |
| 5.3                  | 385                   | 262          | 1.55                   | EFA 57ER37  | 4                  |
| 6.2                  | 330                   | 226          | 1.80                   | EFF 57ER37  | 4                  |
| 7.0                  | 295                   | 200          | 2.0                    | EFAF57ER37  | 4                  |
| 8.2                  | 250                   | 170          | 2.4                    |             |                    |
| 5.6                  | 365                   | 250          | 1.10                   | EF 47ER17   | 4                  |
| 6.4                  | 320                   | 218          | 1.25                   | EFA 47ER17  | 4                  |
| 7.2                  | 280                   | 192          | 1.40                   | EFF 47ER17  | 4                  |
| 8.1                  | 250                   | 172          | 1.60                   | EFAF47ER17  | 4                  |
| 5.5                  | 370                   | 251          | 1.10                   |             |                    |
| 6.3                  | 320                   | 219          | 1.25                   | EF 47ER17   | 4                  |
| 7.4                  | 275                   | 188          | 1.45                   | EFA 47ER17  | 4                  |
| 7.8                  | 260                   | 179          | 1.55                   | EFF 47ER17  | 4                  |
| 9.3                  | 220                   | 149          | 1.85                   | EFAF47ER17  | 4                  |
| 11                   | 192                   | 131          | 2.1                    |             |                    |
| 9.6                  | 210                   | 145          | 0.95                   |             |                    |
| 11                   | 189                   | 129          | 1.05                   | EF 37ER17   | 4                  |
| 12                   | 174                   | 119          | 1.15                   | EFA 37ER17  | 4                  |
| 14                   | 144                   | 98           | 1.40                   | EFF 37ER17  | 4                  |
| 16                   | 127                   | 87           | 1.55                   | EFAF37ER17  | 4                  |
| 3.0                  | 790                   | 281.71       | 1.90                   |             |                    |
| 3.3                  | 730                   | 260.59       | 2.0                    | EF 77       | 6                  |
| 3.8                  | 635                   | 225.79       | 2.4                    | EFA 77      | 6                  |
| 4.3                  | 555                   | 198.31       | 2.7                    | EFF 77      | 6                  |
| 4.6                  | 525                   | 186.64       | 2.9                    | EFAF77      | 6                  |
| 3.7                  | 645                   | 229.10       | 1.25                   |             |                    |
| 4.3                  | 550                   | 195.48       | 1.50                   | EF 67       | 6                  |
| 5.0                  | 480                   | 170.93       | 1.70                   | EFA 67      | 6                  |
| 5.3                  | 450                   | 160.50       | 1.80                   | EFF 67      | 6                  |
| 6.0                  | 400                   | 142.47       | 2.0                    | EFAF67      | 6                  |
| 6.1                  | 395                   | 229.10       | 2.1                    |             |                    |
| 7.1                  | 335                   | 195.48       | 2.4                    | EF 67       | 4                  |
| 8.1                  | 295                   | 170.93       | 2.8                    | EFA 67      | 4                  |
| 8.7                  | 275                   | 160.50       | 3.0                    | EFF 67      | 4                  |
| 9.8                  | 245                   | 142.47       | 3.4                    | EFAF67      | 4                  |
| 4.3                  | 560                   | 199.70       | 1.05                   |             |                    |
| 4.6                  | 515                   | 183.60       | 1.15                   | EF 57       | 6                  |
| 5.4                  | 440                   | 157.09       | 1.35                   | EFA 57      | 6                  |
| 6.2                  | 380                   | 136.16       | 1.55                   | EFF 57      | 6                  |
| 6.7                  | 355                   | 127.27       | 1.70                   | EFAF57      | 6                  |
| 7.7                  | 310                   | 110.01       | 1.95                   |             |                    |
| 7.0                  | 345                   | 199.70       | 1.75                   |             |                    |
| 7.6                  | 315                   | 183.60       | 1.90                   | EF 57       | 4                  |
| 8.8                  | 270                   | 157.09       | 2.2                    | EFA 57      | 4                  |
| 10                   | 235                   | 136.16       | 2.6                    | EFF 57      | 4                  |
| 11                   | 220                   | 127.27       | 2.7                    | EFAF57      | 4                  |
| 13                   | 189                   | 110.01       | 3.2                    |             |                    |
| 5.1                  | 465                   | 165.06       | 0.85                   |             |                    |
| 6.0                  | 395                   | 141.22       | 1.00                   | EF 47       | 6                  |
| 6.9                  | 345                   | 122.41       | 1.15                   | EFA 47      | 6                  |
| 7.4                  | 320                   | 114.41       | 1.25                   | EFF 47      | 6                  |
| 8.6                  | 280                   | 98.90        | 1.45                   | EFAF47      | 6                  |
| 7.7                  | 310                   | 179.53       | 1.30                   |             |                    |
| 8.4                  | 285                   | 165.06       | 1.40                   | EF 47       | 4                  |
| 9.8                  | 245                   | 141.22       | 1.65                   | EFA 47      | 4                  |
| 11                   | 210                   | 122.41       | 1.90                   | EFF 47      | 4                  |
| 12                   | 196                   | 114.41       | 2.0                    | EFF 47      | 4                  |
| 14                   | 170                   | 98.90        | 2.4                    | EFAF47      | 4                  |
| 17                   | 144                   | 84.03        | 2.8                    |             |                    |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>0.25kW</b>        |                       |              |                        |             |                    |
| 11                   | 220                   | 128.51       | 0.90                   |             |                    |
| 12                   | 200                   | 117.88       | 1.00                   |             |                    |
| 14                   | 172                   | 100.36       | 1.15                   |             |                    |
| 16                   | 149                   | 86.53        | 1.35                   |             |                    |
| 17                   | 139                   | 80.65        | 1.45                   |             |                    |
| 20                   | 121                   | 70.50        | 1.65                   |             |                    |
| 21                   | 114                   | 66.09        | 1.75                   | EF 37       | 4                  |
| 24                   | 100                   | 58.32        | 2.0                    | EFA 37      | 4                  |
| 25                   | 94                    | 54.54        | 2.1                    | EFF 37      | 4                  |
| 27                   | 89                    | 51.70        | 2.3                    | EFAF37      | 4                  |
| 30                   | 81                    | 47.02        | 2.5                    |             |                    |
| 32                   | 75                    | 43.83        | 2.7                    |             |                    |
| 36                   | 66                    | 38.31        | 3.0                    |             |                    |
| 39                   | 62                    | 35.91        | 3.2                    |             |                    |
| 44                   | 54                    | 31.69        | 3.7                    |             |                    |
| 49                   | 48                    | 28.10        | 4.1                    |             |                    |
| 59                   | 41                    | 23.63        | 4.9                    |             |                    |
| 68                   | 35                    | 20.57        | 5.7                    |             |                    |
| 72                   | 33                    | 19.27        | 6.0                    |             |                    |
| 82                   | 29                    | 17.03        | 6.8                    |             |                    |
| 88                   | 27                    | 15.81        | 7.4                    |             |                    |
| 97                   | 25                    | 14.33        | 8.1                    |             |                    |
| 108                  | 22                    | 12.87        | 9.0                    |             |                    |
| 125                  | 19                    | 11.08        | 10                     | EF 37       | 4                  |
| 133                  | 18                    | 10.42        | 10                     | EFA 37      | 4                  |
| 155                  | 15                    | 8.97         | 11                     | EFF 37      | 4                  |
| 174                  | 14                    | 8.01         | 12                     | EFAF37      | 4                  |
| 184                  | 13                    | 7.57         | 11                     |             |                    |
| 203                  | 12                    | 6.86         | 12                     |             |                    |
| 226                  | 11                    | 6.16         | 13                     |             |                    |
| 262                  | 9.1                   | 5.31         | 14                     |             |                    |
| 279                  | 8.6                   | 4.99         | 14                     |             |                    |
| 323                  | 7.4                   | 4.30         | 15                     |             |                    |
| 362                  | 6.6                   | 3.84         | 16                     |             |                    |
| <b>0.37kW</b>        |                       |              |                        |             |                    |
| 0.21                 | 14700                 | 6735         | 0.80                   |             |                    |
| 0.23                 | 13000                 | 5926         | 0.90                   |             |                    |
| 0.27                 | 11200                 | 5128         | 1.05                   | EF 127ER77  | 4                  |
| 0.31                 | 9910                  | 4525         | 1.20                   | EFA 127ER77 | 4                  |
| 0.36                 | 8560                  | 3908         | 1.40                   | EFF 127ER77 | 4                  |
| 0.40                 | 7560                  | 3451         |                        |             |                    |

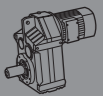
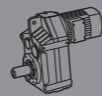


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>0.37kW</b>                   |                               |                     |   |             |                    |
| 1.7                             | 1770                          | 810                 | 0.85  |             |                    |
| 2.0                             | 1550                          | 710                 | 0.95  |             |                    |
| 2.3                             | 1350                          | 615                 | 1.10  | EF 77ER37   | 4                  |
| 2.6                             | 1180                          | 538                 | 1.25  | EFA 77ER37  | 4                  |
| 2.9                             | 1050                          | 480                 | 1.45  | EFF 77ER37  | 4                  |
| 3.4                             | 900                           | 410                 | 1.65  | EFAF77ER37  | 4                  |
| 3.8                             | 810                           | 370                 | 1.85  |             |                    |
| 4.3                             | 710                           | 324                 | 2.1   |             |                    |
| 3.6                             | 850                           | 386                 | 0.95  |             |                    |
| 4.1                             | 750                           | 343                 | 1.10  | EF 67ER37   | 4                  |
| 4.5                             | 675                           | 309                 | 1.20  | EFA 67ER37  | 4                  |
| 5.3                             | 570                           | 260                 | 1.45  | EFF 67ER37  | 4                  |
| 5.9                             | 510                           | 234                 | 1.60  | EFAF67ER37  | 4                  |
| 5.4                             | 565                           | 259                 | 1.05  | EF 57ER37   | 4                  |
| 6.9                             | 440                           | 201                 | 1.35  | EFA 57ER37  | 4                  |
| 7.8                             | 390                           | 178                 | 1.55  | EFF 57ER37  | 4                  |
|                                 |                               |                     |   | EFAF57ER37  | 4                  |
| 5.3                             | 575                           | 262                 | 1.05  |             |                    |
| 6.2                             | 495                           | 226                 | 1.20  | EF 57ER37   | 4                  |
| 7.0                             | 440                           | 200                 | 1.35  | EFA 57ER37  | 4                  |
| 8.2                             | 370                           | 170                 | 1.60  | EFF 57ER37  | 4                  |
| 9.1                             | 335                           | 152                 | 1.80  | EFAF57ER37  | 4                  |
| 10                              | 295                           | 134                 | 2.0   |             |                    |
| 7.8                             | 390                           | 179                 | 1.00  | EF 47ER17   | 4                  |
| 9.3                             | 325                           | 149                 | 1.25  | EFA 47ER17  | 4                  |
| 11                              | 285                           | 131                 | 1.40  | EFF 47ER17  | 4                  |
|                                 |                               |                     |   | EFAF47ER17  | 4                  |
| 2.5                             | 1440                          | 273.43              | 2.1   | EF 87       | 8                  |
| 2.6                             | 1360                          | 257.97              | 2.2   | EFA 87      | 8                  |
| 2.9                             | 1220                          | 231.26              | 2.5   | EFF 87      | 8                  |
| 3.4                             | 1050                          | 199.21              | 2.9   | EFAF87      | 8                  |
| 3.2                             | 1090                          | 273.43              | 2.7   | EF 87       | 6                  |
| 3.4                             | 1030                          | 257.97              | 2.9   | EFA 87      | 6                  |
| 3.8                             | 920                           | 231.26              | 3.2   | EFF 87      | 6                  |
|                                 |                               |                     |   | EFAF87      | 6                  |
| 3.9                             | 900                           | 225.79              | 1.65  |             |                    |
| 4.5                             | 790                           | 198.31              | 1.90  | EF 77       | 6                  |
| 4.7                             | 745                           | 186.64              | 2.0   | EFA 77      | 6                  |
| 5.3                             | 665                           | 166.47              | 2.3   | EFF 77      | 6                  |
| 6.2                             | 570                           | 142.27              | 2.6   | EFAF77      | 6                  |
| 4.9                             | 715                           | 281.71              | 2.1   | EF 77       | 4                  |
| 5.3                             | 660                           | 260.59              | 2.3   | EFA 77      | 4                  |
| 6.2                             | 575                           | 225.79              | 2.6   | EFF 77      | 4                  |
| 7.0                             | 505                           | 198.31              | 3.0   | EFAF77      | 4                  |
| 4.5                             | 780                           | 195.48              | 1.05  |             |                    |
| 5.2                             | 680                           | 170.93              | 1.20  | EF 67       | 6                  |
| 5.5                             | 640                           | 160.50              | 1.30  | EFA 67      | 6                  |
| 6.2                             | 570                           | 142.47              | 1.45  | EFF 67      | 6                  |
| 7.3                             | 480                           | 120.84              | 1.70  | EFAF67      | 6                  |
| 6.1                             | 580                           | 229.10              | 1.40  |             |                    |
| 7.1                             | 495                           | 195.48              | 1.65  | EF 67       | 4                  |
| 8.1                             | 435                           | 170.93              | 1.90  | EFA 67      | 4                  |
| 8.7                             | 410                           | 160.50              | 2.0   | EFF 67      | 4                  |
| 9.8                             | 360                           | 142.47              | 2.3   | EFAF67      | 4                  |
| 12                              | 305                           | 120.84              | 2.7   |             |                    |
| 5.6                             | 625                           | 157.09              | 0.95  | EF 57       | 6                  |
| 6.5                             | 545                           | 136.16              | 1.10  | EFA 57      | 6                  |
| 7.0                             | 510                           | 127.27              | 1.20  | EFF 57      | 6                  |
| 8.0                             | 440                           | 110.01              | 1.35  | EFAF57      | 6                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>0.37kW</b>                   |                               |                     |   |             |                    |
| 7.0                             | 510                           | 199.70              | 1.20  |             |                    |
| 7.6                             | 465                           | 183.60              | 1.30  |             |                    |
| 8.8                             | 400                           | 157.09              | 1.50  | EF 57       | 4                  |
| 10                              | 345                           | 136.16              | 1.75  | EFA 57      | 4                  |
| 11                              | 325                           | 127.27              | 1.85  | EFF 57      | 4                  |
| 13                              | 280                           | 110.01              | 2.1   | EFAF57      | 4                  |
| 15                              | 240                           | 93.47               | 2.5   |             |                    |
| 17                              | 210                           | 83.46               | 2.8   |             |                    |
| 8.4                             | 420                           | 165.06              | 0.95  |             |                    |
| 9.8                             | 360                           | 141.22              | 1.10  |             |                    |
| 11                              | 310                           | 122.41              | 1.30  | EF 47       | 4                  |
| 12                              | 290                           | 114.41              | 1.40  | EFA 47      | 4                  |
| 14                              | 250                           | 98.90               | 1.60  | EFF 47      | 4                  |
| 17                              | 215                           | 84.03               | 1.85  | EFAF47      | 4                  |
| 19                              | 191                           | 75.03               | 2.1   |             |                    |
| 22                              | 163                           | 64.08               | 2.5   |             |                    |
| 16                              | 220                           | 86.53               | 0.90  |             |                    |
| 17                              | 205                           | 80.65               | 1.00  |             |                    |
| 20                              | 179                           | 70.50               | 1.10  |             |                    |
| 21                              | 168                           | 66.09               | 1.20  |             |                    |
| 24                              | 148                           | 58.32               | 1.35  |             |                    |
| 25                              | 139                           | 54.54               | 1.45  | EF 37       | 4                  |
| 27                              | 131                           | 51.70               | 1.50  | EFA 37      | 4                  |
| 30                              | 120                           | 47.02               | 1.65  | EFF 37      | 4                  |
| 32                              | 111                           | 43.83               | 1.80  | EFAF37      | 4                  |
| 36                              | 97                            | 38.31               | 2.1   |             |                    |
| 39                              | 91                            | 35.91               | 2.2   |             |                    |
| 44                              | 81                            | 31.69               | 2.5   |             |                    |
| 49                              | 71                            | 28.10               | 2.8   |             |                    |
| 59                              | 60                            | 23.63               | 3.3   |             |                    |
| 68                              | 52                            | 20.57               | 3.8   |             |                    |
| 72                              | 49                            | 19.27               | 4.1   |             |                    |
| 82                              | 43                            | 17.03               | 4.6   |             |                    |
| 88                              | 40                            | 15.81               | 5.0   |             |                    |
| 97                              | 36                            | 14.33               | 5.5   |             |                    |
| 108                             | 33                            | 12.87               | 6.1   |             |                    |
| 125                             | 28                            | 11.08               | 6.7   | EF 37       | 4                  |
| 133                             | 26                            | 10.42               | 7.0   | EFA 37      | 4                  |
| 155                             | 23                            | 8.97                | 7.7   | EFF 37      | 4                  |
| 174                             | 20                            | 8.01                | 8.3   | EFAF37      | 4                  |
| 184                             | 19                            | 7.57                | 7.5   |             |                    |
| 203                             | 17                            | 6.86                | 8.0   |             |                    |
| 226                             | 16                            | 6.16                | 8.6   |             |                    |
| 262                             | 13                            | 5.31                | 9.3   |             |                    |
| 279                             | 13                            | 4.99                | 9.5   |             |                    |
| 323                             | 11                            | 4.30                | 10  |             |                    |
| 362                             | 9.8                           | 3.84                | 11  |             |                    |
| <b>0.55kW</b>                   |                               |                     |   |             |                    |
| 0.22                            | 20500                         | 6304                | 0.90  |             |                    |
| 0.26                            | 17400                         | 5342                | 1.05  |             |                    |
| 0.29                            | 15800                         | 4840                | 1.15  | EF 157ER97  | 4                  |
| 0.33                            | 13500                         | 4152                | 1.35  | EFA 157ER97 | 4                  |
| 0.39                            | 11700                         | 3599                | 1.55  | EFF 157ER97 | 4                  |
| 0.43                            | 10400                         | 3202                | 1.75  | EFAF157ER97 | 4                  |
| 0.50                            | 9090                          | 2790                | 2.0   |             |                    |
| 0.58                            | 7800                          | 2393                | 2.3   |             |                    |
| 0.65                            | 7020                          | 2154                | 2.6   | EF 157ER97  | 4                  |
| 0.71                            | 6360                          | 1951                | 2.8   | EFA 157ER97 | 4                  |
| 0.83                            | 5440                          | 1670                | 3.3   | EFF 157ER97 | 4                  |
| 1.0                             | 4320                          | 1326                | 4.2   | EFAF157ER97 | 4                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>0.55kW</b>                   |                               |                     |   |             |                    |
| 0.36                            | 12700                         | 3908                | 0.95  | EF 127ER77  | 4                  |
| 0.40                            | 11200                         | 3451                | 1.05  | EFA 127ER77 | 4                  |
| 0.46                            | 9880                          | 3032                | 1.20  | EFF 127ER77 | 4                  |
|                                 |                               |                     |   | EFAF127ER77 | 4                  |
| 0.58                            | 7740                          | 2377                | 1.00  |             |                    |
| 0.67                            | 6780                          | 2080                | 1.15  |             |                    |
| 0.76                            | 5970                          | 1831                | 1.30  |             |                    |
| 0.87                            | 5200                          | 1596                | 1.50  |             |                    |
| 0.98                            | 4610                          | 1416                | 1.65  | EF 107ER77  | 4                  |
| 1.1                             | 4020                          | 1235                | 1.90  | EFA 107ER77 | 4                  |
| 1.3                             | 3530                          | 1084                | 2.2   | EFF 107ER77 | 4                  |
| 1.5                             | 3110                          | 956                 | 2.5   | EFAF107ER77 | 4                  |
| 1.6                             | 2760                          | 848                 | 2.8   |             |                    |
| 1.9                             | 2430                          | 746                 | 3.2   |             |                    |
| 2.2                             | 2090                          | 641                 | 3.7   |             |                    |
| 1.0                             | 4320                          | 1327                | 1.00  |             |                    |
| 1.2                             | 3820                          | 1173                | 1.15  |             |                    |
| 1.4                             | 3340                          | 1025                | 1.30  |             |                    |
| 1.5                             | 2940                          | 903                 | 1.45  |             |                    |
| 1.7                             | 2600                          | 797                 | 1.65  | EF 97ER57   | 4                  |
| 2.0                             | 2250                          | 690                 | 1.90  | EFA 97ER57  | 4                  |
| 2.3                             | 1960                          | 603                 | 2.2   | EFF 97ER57  | 4                  |
| 2.6                             | 1740                          | 534                 | 2.5   | EFAF97ER57  | 4                  |
| 3.0                             | 1520                          | 468                 | 2.8   |             |                    |
| 3.4                             | 1330                          | 407                 | 3.2   |             |                    |
| 3.8                             | 1180                          | 362                 | 3.6   |             |                    |
| 1.6                             | 2920                          | 895                 | 1.05  |             |                    |
| 1.8                             | 2540                          | 779                 | 1.20  |             |                    |
| 2.1                             | 2210                          | 677                 | 1.35  | EF 87ER57   | 4                  |
| 2.3                             | 1990                          | 611                 | 1.50  | EFA 87ER57  | 4                  |
| 2.7                             | 1650                          | 507                 | 1.80  | EFF 87ER57  | 4                  |
| 3.1                             | 1480                          | 453                 | 2.0   | EFAF87ER57  | 4                  |
| 4.1                             | 1110                          | 340                 | 2.7   |             |                    |
| 2.9                             | 1560                          | 480                 | 0.95  | EF 77ER37   | 4                  |
| 3.4                             | 1340                          | 410                 | 1.10  | EFA 77ER37  | 4                  |
| 3.8                             | 1210                          | 370                 | 1.25  | EFF 77ER37  | 4                  |
| 4.3                             | 1060                          | 324                 | 1.40  | EFAF77ER37  | 4                  |
| 5.3                             | 850                           | 260                 | 0.95  | EF 67ER37   | 4                  |
| 5.9                             | 760                           | 234                 | 1.10  | EFA 67ER37  | 4                  |
| 6.7                             | 680                           | 208                 | 1.20  | EFF 67ER37  | 4                  |
| 7.9                             | 570                           | 175                 | 1.45  | EFAF67ER37  | 4                  |
| 2.4                             | 2170                          | 276.99              | 2.0   | EF 97       | 8                  |
| 2.6                             | 1990                          | 253.61              | 2.2   | EFA 97      | 8                  |
| 3.0                             | 1760                          | 224.06              | 2.4   | EFF 97      | 8                  |
|                                 |                               |                     |   | EFAF97      | 8                  |
| 2.5                             | 2140                          | 273.43              | 1.40  | EF 87       | 8                  |
| 2.6                             | 2020                          | 257.97              | 1.50  | EFA 87      | 8                  |
| 2.9                             | 1810                          | 231.26              | 1.65  | EFF 87      | 8                  |
| 3.4                             | 1560                          | 199.21              | 1.90  | EFAF87      | 8                  |
| 3.2                             | 1620                          | 273.43              | 1.85  |             |                    |
| 3.4                             | 1530                          | 257.97              | 1.95  | EF 87       | 6                  |
| 3.8                             | 1370                          | 231.26              | 2.2   | EFA 87      | 6                  |
| 4.4                             | 1180                          | 199.21              | 2.5   | EFF 87      | 6                  |
| 4.9                             | 1080                          | 181.80              | 2.8   | EFAF87      | 6                  |
| 3.9                             | 1340                          | 225.79              | 1.10  |             |                    |
| 4.5                             | 1180                          | 198.31              | 1.25  | EF 77       | 6                  |
| 4.7                             | 1110                          | 186.64              | 1.35  | EFA 77      | 6                  |
| 5.3                             | 990                           | 166.47              | 1.50  | EFF 77      | 6                  |
| 6.2                             | 840                           | 142.27              | 1.80  | EFAF77      | 6                  |
| 6.9                             | 765                           | 129.12              | 1.95  |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>0.55kW</b>                   |                               |                     |   |             |                    |
| 7.0                             | 750                           | 198.31              | 2.0   |             |                    |
| 7.4                             | 705                           | 186.64              | 2.1   |             |                    |
| 8.3                             | 630                           | 166.47              | 2.4   | EF 77       | 4                  |
| 9.8                             | 540                           | 142.27              | 2.8   | EFA 77      | 4                  |
| 11                              | 490                           | 129.12              | 3.1   | EFF 77      | 4                  |
| 12                              | 430                           | 114.45              | 3.5   | EFAF77      | 4                  |
| 13                              | 410                           | 108.46              | 3.7   |             |                    |
| 15                              | 360                           | 94.93               | 4.2   |             |                    |
| 7.1                             | 740                           | 195.48              | 1.10  |             |                    |
| 8.1                             | 645                           | 170.93              | 1.25  |             |                    |
| 8.7                             | 605                           | 160.50              | 1.35  |             |                    |
| 9.8                             | 540                           | 142.47              | 1.50  | EF 67       | 4                  |
| 12                              | 455                           | 120.84              | 1.80  | EFA 67      | 4                  |
| 13                              | 410                           | 109.09              | 2.0   | EFF 67      | 4                  |
| 14                              | 365                           | 95.98               | 2.3   | EFAF67      | 4                  |
| 15                              | 340                           | 90.63               | 2.4   |             |                    |
| 16                              | 325                           | 85.94               | 2.5   |             |                    |
| 18                              | 290                           | 76.29               | 2.8   |             |                    |
| 8.8                             | 595                           | 157.09              | 1.00  |             |                    |
| 10                              | 515                           | 136.16              | 1.15  |             |                    |
| 11                              | 480                           | 127.27              | 1.25  |             |                    |
| 13                              | 415                           | 110.01              | 1.45  | EF 57       | 4                  |
| 15                              | 355                           | 93.47               | 1.70  | EFA 57      | 4                  |
| 17                              | 315                           | 83.46               | 1.90  | EFF 57      | 4                  |
| 18                              | 285                           | 76.07               | 2.1   | EFAF57      | 4                  |
| 20                              | 270                           | 71.10               | 2.2   |             |                    |
| 23                              | 230                           | 61.46               | 2.6   |             |                    |
| 12                              | 430                           | 114.41              | 0.95  |             |                    |
| 14                              | 375                           | 98.90               | 1.05  |             |                    |
| 17                              | 315                           | 84.03               | 1.25  |             |                    |
| 19                              | 285                           | 75.03               | 1.40  | EF 47       | 4                  |
| 22                              | 240                           | 64.08               | 1.65  | EFA 47      | 4                  |
| 22                              | 240                           | 63.37               | 1.65  | EFF 47      | 4                  |
| 25                              | 205                           | 54.78               | 1.95  | EFAF47      | 4                  |
| 30                              | 176                           | 46.54               | 2.3   |             |                    |
| 33                              | 157                           | 41.56               | 2.5   |             |                    |
| 24                              | 220                           | 58.32               | 0.90  |             |                    |
| 25                              | 205                           | 54.54               | 0.95  |             |                    |
| 27                              | 195                           | 51.70               | 1.00  |             |                    |
| 30                              | 178                           | 47.02               | 1.15  | EF 37       | 4                  |
| 32                              | 166                           | 43.83               | 1.20  | EFA 37      | 4                  |
| 36                              | 145                           | 38.3                |   |             |                    |

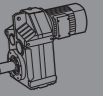
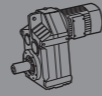


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>[i] | 使用系数<br>Service factor<br>[f <sub>s</sub> ] | 机型号<br>Type   | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|---|--------------------|
| <b>0.75kW</b>                   |                               |                     |   |   |                    |
| 0.50                            | 12500                         | 2790                | 1.45  | EF 157ER97<br>EFA 157ER97<br>EFF 157ER97<br>EFAF157ER97 | 4                  |
| 0.58                            | 10700                         | 2393                | 1.70  | EF 157ER97  | 4                  |
| 0.65                            | 9620                          | 2154                | 1.85  | EFA 157ER97   | 4                  |
| 0.83                            | 7460                          | 1670                | 2.4   | EFF 157ER97<br>EFAF157ER97                              | 4                  |
| 0.46                            | 13500                         | 3032                | 0.90  | EF 127ER77<br>EFA 127ER77<br>EFF 127ER77<br>EFAF127ER77 | 4                  |
| 0.54                            | 11500                         | 2575                | 1.05  | EF 127ER77  | 4                  |
| 0.59                            | 10600                         | 2372                | 1.15  | EFA 127ER77   | 4                  |
| 0.69                            | 8980                          | 2011                | 1.35  | EFF 127ER77   | 4                  |
| 0.78                            | 7920                          | 1774                | 1.50  | EFF 127ER77   | 4                  |
| 0.88                            | 7050                          | 1578                | 1.70  | EFAF127ER77   | 4                  |
| 0.76                            | 8180                          | 1831                | 0.95  | EF 107ER77  | 4                  |
| 0.87                            | 7130                          | 1596                | 1.10  | EFA 107ER77   | 4                  |
| 0.98                            | 6330                          | 1416                | 1.20  | EFF 107ER77   | 4                  |
| 1.1                             | 5520                          | 1235                | 1.40  | EFAF107ER77   | 4                  |
| 1.3                             | 4840                          | 1084                | 1.60  | EF 107ER77  | 4                  |
| 1.5                             | 4270                          | 956                 | 1.80  | EFA 107ER77   | 4                  |
| 1.6                             | 3790                          | 848                 | 2.0   | EFF 107ER77   | 4                  |
| 1.9                             | 3330                          | 746                 | 2.3   | EFAF107ER77   | 4                  |
| 2.2                             | 2860                          | 641                 | 2.7   |   |                    |
| 2.5                             | 2480                          | 555                 | 3.1   |   |                    |
| 3.2                             | 1950                          | 436                 | 3.9   |   |                    |
| 1.4                             | 4580                          | 1025                | 0.95  | EF 97ER57   | 4                  |
| 1.5                             | 4030                          | 903                 | 1.05  | EFA 97ER57  | 4                  |
| 1.7                             | 3560                          | 797                 | 1.20  | EFF 97ER57  | 4                  |
| 2.0                             | 3080                          | 690                 | 1.40  | EFAF97ER57  | 4                  |
| 2.3                             | 2690                          | 603                 | 1.60  |   |                    |
| 2.6                             | 2390                          | 534                 | 1.80  |   |                    |
| 3.0                             | 2090                          | 468                 | 2.1   |   |                    |
| 3.4                             | 1820                          | 407                 | 2.4   |   |                    |
| 3.8                             | 1620                          | 362                 | 2.7   |   |                    |
| 2.1                             | 3020                          | 677                 | 1.00  | EF 87ER57   | 4                  |
| 2.3                             | 2730                          | 611                 | 1.10  | EFA 87ER57  | 4                  |
| 2.7                             | 2260                          | 507                 | 1.30  | EFF 87ER57  | 4                  |
| 3.1                             | 2020                          | 453                 | 1.50  | EFAF87ER57  | 4                  |
| 4.1                             | 1520                          | 340                 | 2.0   |   |                    |
| 3.8                             | 1650                          | 370                 | 0.90  | EF 77ER37   | 4                  |
| 4.3                             | 1450                          | 324                 | 1.05  | EFA 77ER37  | 4                  |
| 5.0                             | 1240                          | 278                 | 1.20  | EFF 77ER37<br>EFAF77ER37                                | 4                  |
| 2.7                             | 2650                          | 251.75              | 2.9   | EF 107  | 8                  |
| 3.2                             | 2240                          | 213.13              | 3.4   | EFA 107<br>EFF 107<br>EFAF107                           | 8                  |
| 2.5                             | 2920                          | 276.99              | 1.45  | EF 97   | 8                  |
| 2.7                             | 2670                          | 253.61              | 1.60  | EFA 97  | 8                  |
| 3.0                             | 2360                          | 224.06              | 1.80  | EFF 97<br>EFAF97  | 8                  |
| 3.3                             | 2180                          | 276.99              | 1.95  | EF 97   | 6                  |
| 3.6                             | 2000                          | 253.61              | 2.2   | EFA 97  | 6                  |
| 4.1                             | 1760                          | 224.06              | 2.4   | EFF 97<br>EFAF97  | 6                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>[i] | 使用系数<br>Service factor<br>[f <sub>s</sub> ] | 机型号<br>Type      | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|------------------|--------------------|
| <b>0.75kW</b>                   |                               |                     |   |                  |                    |
| 3.3                             | 2150                          | 273.43              | 1.40  | EF 87            | 6                  |
| 3.5                             | 2030                          | 257.97              | 1.50  | EFA 87           | 6                  |
| 3.9                             | 1820                          | 231.26              | 1.65  | EFF 87           | 6                  |
| 4.6                             | 1570                          | 199.21              | 1.90  | EFAF87           | 6                  |
| 5.0                             | 1430                          | 181.80              | 2.1   |                  | 6                  |
| 5.6                             | 1270                          | 161.23              | 2.4   |                  | 6                  |
| 5.1                             | 1410                          | 273.43              | 2.1   | EF 87            | 4                  |
| 5.4                             | 1330                          | 257.97              | 2.3   | EFA 87           | 4                  |
| 6.0                             | 1190                          | 231.26              | 2.5   | EFF 87<br>EFAF87 | 4                  |
| 4.6                             | 1560                          | 198.31              | 0.95  | EF 77            | 6                  |
| 4.9                             | 1470                          | 186.64              | 1.00  | EFA 77           | 6                  |
| 5.5                             | 1310                          | 166.47              | 1.15  | EFF 77           | 6                  |
| 6.4                             | 1120                          | 142.27              | 1.35  | EFAF77           | 6                  |
| 7.0                             | 1020                          | 129.12              | 1.50  |                  | 6                  |
| 7.0                             | 1020                          | 198.31              | 1.45  | EF 77            | 4                  |
| 7.4                             | 960                           | 186.64              | 1.55  | EFA 77           | 4                  |
| 8.3                             | 860                           | 166.47              | 1.75  | EFF 77           | 4                  |
| 9.8                             | 735                           | 142.27              | 2.0   | EFAF77           | 4                  |
| 11                              | 665                           | 129.12              | 2.3   |                  | 4                  |
| 12                              | 590                           | 114.45              | 2.5   |                  | 4                  |
| 13                              | 560                           | 108.46              | 2.7   |                  | 4                  |
| 8.1                             | 880                           | 170.93              | 0.95  | EF 67            | 4                  |
| 8.7                             | 830                           | 160.50              | 1.00  | EFA 67           | 4                  |
| 9.8                             | 735                           | 142.47              | 1.10  | EFF 67           | 4                  |
| 12                              | 625                           | 120.84              | 1.30  | EFAF67           | 4                  |
| 13                              | 560                           | 109.09              | 1.45  |                  | 4                  |
| 14                              | 495                           | 95.98               | 1.65  |                  | 4                  |
| 15                              | 465                           | 90.63               | 1.75  |                  | 4                  |
| 16                              | 445                           | 85.94               | 1.85  |                  | 4                  |
| 18                              | 395                           | 76.29               | 2.1   |                  | 4                  |
| 21                              | 335                           | 64.71               | 2.5   |                  | 4                  |
| 24                              | 300                           | 58.42               | 2.7   |                  | 4                  |
| 11                              | 655                           | 127.27              | 0.90  | EF 57            | 4                  |
| 13                              | 565                           | 110.01              | 1.05  | EFA 57           | 4                  |
| 15                              | 480                           | 93.47               | 1.25  | EFF 57           | 4                  |
| 17                              | 430                           | 83.46               | 1.40  | EFAF57           | 4                  |
| 18                              | 390                           | 76.07               | 1.55  |                  | 4                  |
| 20                              | 365                           | 71.10               | 1.65  |                  | 4                  |
| 23                              | 315                           | 61.46               | 1.90  |                  | 4                  |
| 27                              | 270                           | 52.22               | 2.2   |                  | 4                  |
| 30                              | 240                           | 46.62               | 2.5   |                  | 4                  |
| 35                              | 205                           | 39.82               | 2.9   |                  | 4                  |
| 17                              | 435                           | 84.03               | 0.90  | EF 47            | 4                  |
| 19                              | 385                           | 75.03               | 1.05  | EFA 47           | 4                  |
| 22                              | 330                           | 64.08               | 1.20  | EFF 47           | 4                  |
| 22                              | 325                           | 63.37               | 1.25  | EFAF47           | 4                  |
| 25                              | 280                           | 54.78               | 1.40  |                  | 4                  |
| 30                              | 240                           | 46.54               | 1.65  |                  | 4                  |
| 33                              | 215                           | 41.56               | 1.85  |                  | 4                  |
| 39                              | 183                           | 35.50               | 2.2   |                  | 4                  |
| 42                              | 171                           | 33.24               | 2.3   |                  | 4                  |
| 50                              | 144                           | 28.00               | 2.8   |                  | 4                  |
| 30                              | 240                           | 47.02               | 0.85  | EF 37            | 4                  |
| 32                              | 225                           | 43.83               | 0.90  | EFA 37           | 4                  |
| 36                              | 197                           | 38.31               | 1.00  | EFF 37           | 4                  |
| 39                              | 185                           | 35.91               | 1.10  | EFAF37           | 4                  |
| 44                              | 163                           | 31.69               | 1.20  |                  | 4                  |
| 49                              | 145                           | 28.10               | 1.40  |                  | 4                  |
| 58                              | 124                           | 23.88               | 1.60  |                  | 4                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>[i] | 使用系数<br>Service factor<br>[f <sub>s</sub> ] | 机型号<br>Type                               | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|---|--------------------|
| <b>0.75kW</b>                   |                               |                     |   |   |                    |
| 68                              | 106                           | 20.57               | 1.90  | EF 37                                     | 4                  |
| 72                              | 99                            | 19.27               | 2.0   | EFA 37                                    | 4                  |
| 82                              | 88                            | 17.03               | 2.3   | EFF 37                                    | 4                  |
| 88                              | 81                            | 15.81               | 2.5   | EFAF37                                    | 4                  |
| 97                              | 74                            | 14.33               | 2.7   |   | 4                  |
| 108                             | 66                            | 12.87               | 3.0   |   | 4                  |
| 125                             | 57                            | 11.08               | 3.3   |   | 4                  |
| 133                             | 54                            | 10.42               | 3.4   |   | 4                  |
| 155                             | 46                            | 8.97                | 3.8   |   | 4                  |
| 174                             | 41                            | 8.01                | 4.1   |   | 4                  |
| 184                             | 39                            | 7.57                | 3.7   |   | 4                  |
| 203                             | 35                            | 6.86                | 4.0   |   | 4                  |
| 226                             | 32                            | 6.16                | 4.3   |   | 4                  |
| 262                             | 27                            | 5.31                | 4.6   |   | 4                  |
| 279                             | 26                            | 4.99                | 4.7   |   | 4                  |
| 323                             | 22                            | 4.30                | 5.0   |   | 4                  |
| 362                             | 20                            | 3.84                | 5.3   |   | 4                  |
| <b>1.1kW</b>                    |                               |                     |   |   |                    |
| 0.50                            | 18200                         | 2790                | 1.00  | EF 157ER97                                | 4                  |
| 0.98                            | 9330                          | 1432                | 1.95  | EFA 157ER97<br>EFF 157ER97<br>EFAF157ER97 | 4                  |
| 0.59                            | 15600                         | 2393                | 1.15  | EF 157ER97                                | 4                  |
| 0.65                            | 14000                         | 2154                | 1.30  | EFA 157ER97                               | 4                  |
| 0.72                            | 12700                         | 1951                | 1.40  | EFF 157ER97                               | 4                  |
| 0.84                            | 10900                         | 1670                | 1.65  | EFAF157ER97                               | 4                  |
| 1.1                             | 8640                          | 1326                | 2.1   |   | 4                  |
| 1.5                             | 6130                          | 940                 | 2.9   |   | 4                  |
| 1.6                             | 5550                          | 851                 | 3.2   |   | 4                  |
| 2.4                             | 3740                          | 574                 | 4.8   |   | 4                  |
| 0.70                            | 13100                         | 2011                | 0.90  | EF 127ER77                                | 4                  |
| 0.79                            | 11600                         | 1774                | 1.05  | EFA 127ER77                               | 4                  |
| 0.89                            | 10300                         | 1578                | 1.15  | EFF 127ER77                               | 4                  |
| 1.0                             | 9120                          | 1399                | 1.30  | EFAF127ER77                               | 4                  |
| 1.1                             | 7940                          | 1218                | 1.50  |   | 4                  |
| 1.3                             | 6960                          | 1068                | 1.70  |   | 4                  |
| 1.1                             | 8050                          | 1235                | 0.95  | EF 107ER77                                | 4                  |
| 1.3                             | 7070                          | 1084                | 1.10  | EFA 107ER77                               | 4                  |
| 1.5                             | 6230                          | 956                 | 1.25  | EFF 107ER77                               | 4                  |
| 1.7                             | 5530                          | 848                 | 1.40  | EFAF107ER77                               | 4                  |
| 1.9                             | 4860                          | 746                 | 1.60  |   | 4                  |
| 2.2                             | 4180                          | 641                 | 1.85  |   | 4                  |
| 2.0                             | 4500                          | 690                 | 0.95  | EF 97ER57                                 | 4                  |
| 2.3                             | 3930                          | 603                 | 1.10  | EFA 97ER57                                | 4                  |
| 2.6                             | 3480                          | 534                 | 1.25  | EFF 97ER57                                | 4                  |
| 3.0                             | 3050                          | 468                 | 1.40  | EFAF97ER57                                | 4                  |
| 3.4                             | 2650                          | 407                 | 1.60  |   | 4                  |
| 3.9                             | 2360                          | 362                 | 1.80  |   | 4                  |
| 3.1                             | 2950                          | 453                 | 1.00  | EF 87ER57                                 | 4                  |
| 4.1                             | 2220                          | 340                 | 1.35  | EFA 87ER57                                | 4                  |
| 4.7                             | 1930                          | 296                 | 1.55  | EFF 87ER57                                | 4                  |
| 5.7                             | 1600                          | 245                 | 1.90  | EFAF87ER57                                | 4                  |
| 2.7                             | 3890                          | 251.75              | 1.95  | EF 107                                    | 8                  |
| 3.2                             | 3290                          | 213.13              | 2.3   | EFA 107                                   | 8                  |
| 3.4                             | 3050                          | 197.24              | 2.5   | EFF 107                                   | 8                  |
| 3.8                             | 2730                          | 176.78              | 2.8   | EFAF107                                   | 8                  |
| 3.3                             | 3200                          | 276.99              | 1.35  | EF 97                                     | 6                  |
| 3.6                             | 2930                          | 253.61              | 1.45  | EFA 97                                    | 6                  |
| 4.1                             | 2590                          | 224.06              | 1.65  | EFF 97                                    | 6                  |
| 4.8                             | 2190                          | 190.07              | 1.95  | EFAF97                                    | 6                  |
| 5.2                             | 2020                          | 175.01              | 2.1   |   | 6                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>[i] | 使用系数<br>Service factor<br>[f <sub>s</sub> ] | 机型号<br>Type      | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|------------------|--------------------|
| <b>1.1kW</b>                    |                               |                     |   |                  |                    |
| 5.1                             | 2080                          | 276.99              | 2.1   | EF 97            | 4                  |
| 5.5                             | 1900                          | 253.61              | 2.3   | EFA 97           | 4                  |
| 6.2                             | 1680                          | 224.06              | 2.6   | EFF 97<br>EFAF97 | 4                  |
| 3.3                             | 3160                          | 273.43              | 0.95  | EF 87            | 6                  |
| 3.5                             | 2980                          | 257.97              | 1.00  | EFA 87           | 6                  |
| 3.9                             | 2670                          | 231.26              | 1.10  | EFF 87           | 6                  |
| 4.6                             | 2300                          | 199.21              | 1.30  | EFAF87           | 6                  |
| 5.0                             | 2100                          | 181.80              | 1.45  |                  | 6                  |
| 5.6                             | 1860                          | 161.23              | 1.60  |                  | 6                  |
| 5.1                             | 2050                          | 273.43              | 1.45  | EF 87            | 4                  |
| 5.4                             | 1940                          | 257.97              | 1.55  | EFA 87           | 4                  |
| 6.1                             | 1740                          | 231.26              | 1.75  | EFF 87           | 4                  |
| 7.0                             | 1490                          | 199.21              | 2.0   | EFAF87           | 4                  |
| 7.7                             | 1360                          | 181.80              | 2.2   |                  | 4                  |
| 8.7                             | 1210                          | 161.23              | 2.5   |                  | 4                  |
| 10                              | 1020                          | 135.53              | 3.0   |                  | 4                  |
| 11                              | 930                           | 124.55              | 3.2   |                  | 4                  |
| 7.1                             | 1490                          | 198.31              | 1.00  | EF 77            | 4                  |
| 7.5</                           |                               |                     |   |                  |                    |

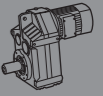
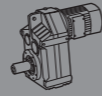


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type                            | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|--|--------------------|
| <b>1.1kW</b>                    |                               |                     |   |  |                    |
| 44                              | 240                           | 31.69               | 0.85  | EF 37                                  | 4                  |
| 50                              | 210                           | 28.10               | 0.95  | EFA 37                                 | 4                  |
| 59                              | 179                           | 23.88               | 1.10  | EFF 37<br>EFAF37                       | 4                  |
| 68                              | 154                           | 20.57               | 1.30  |  |                    |
| 73                              | 145                           | 19.27               | 1.40  |  |                    |
| 82                              | 128                           | 17.03               | 1.55  |  |                    |
| 89                              | 119                           | 15.81               | 1.70  |  |                    |
| 98                              | 108                           | 14.33               | 1.85  |  |                    |
| 109                             | 97                            | 12.87               | 2.1   |  |                    |
| 126                             | 83                            | 11.08               | 2.3   |  |                    |
| 134                             | 78                            | 10.42               | 2.4   | EF 37                                  | 4                  |
| 156                             | 67                            | 8.97                | 2.6   | EFA 37                                 | 4                  |
| 175                             | 60                            | 8.01                | 2.8   | EFF 37                                 | 4                  |
| 185                             | 57                            | 7.57                | 2.6   | EFAF37                                 | 4                  |
| 204                             | 51                            | 6.86                | 2.7   |  |                    |
| 227                             | 46                            | 6.16                | 2.9   |  |                    |
| 264                             | 40                            | 5.31                | 3.1   |  |                    |
| 281                             | 37                            | 4.99                | 3.2   |  |                    |
| 326                             | 32                            | 4.30                | 3.4   |  |                    |
| 365                             | 29                            | 3.84                | 3.6   |  |                    |
| <b>1.5kW</b>                    |                               |                     |   |  |                    |
| 0.59                            | 21300                         | 2393                | 0.85  |  |                    |
| 0.65                            | 19200                         | 2154                | 0.95  |  |                    |
| 0.72                            | 17400                         | 1951                | 1.05  | EF 157ER97                             | 4                  |
| 0.84                            | 14900                         | 1670                | 1.20  | EFA 157ER97                            | 4                  |
| 1.1                             | 11800                         | 1326                | 1.50  | EFF 157ER97                            | 4                  |
| 1.5                             | 8380                          | 940                 | 2.1   | EFAF157ER97                            | 4                  |
| 1.6                             | 7590                          | 851                 | 2.4   |  |                    |
| 2.4                             | 5120                          | 574                 | 3.5   |  |                    |
| 0.89                            | 14100                         | 1578                | 0.85  |  |                    |
| 1.0                             | 12500                         | 1399                | 0.95  |  |                    |
| 1.1                             | 10900                         | 1218                | 1.10  | EF 127ER77                             | 4                  |
| 1.3                             | 9530                          | 1068                | 1.25  | EFA 127ER77                            | 4                  |
| 1.5                             | 8290                          | 929                 | 1.45  | EFF 127ER77                            | 4                  |
| 1.7                             | 7360                          | 825                 | 1.65  | EFAF127ER77                            | 4                  |
| 2.0                             | 6400                          | 717                 | 1.90  |  |                    |
| 2.1                             | 5830                          | 654                 | 2.1   |  |                    |
| 1.5                             | 8530                          | 956                 | 0.90  |  |                    |
| 1.7                             | 7560                          | 848                 | 1.00  |  |                    |
| 1.9                             | 6650                          | 746                 | 1.15  | EF 107ER77                             | 4                  |
| 2.2                             | 5720                          | 641                 | 1.35  | EFA 107ER77                            | 4                  |
| 2.5                             | 4950                          | 555                 | 1.55  | EFF 107ER77                            | 4                  |
| 2.8                             | 4390                          | 492                 | 1.75  | EFAF107ER77                            | 4                  |
| 3.2                             | 3890                          | 436                 | 1.95  |  |                    |
| 3.8                             | 3300                          | 370                 | 2.3   |  |                    |
| 2.6                             | 4760                          | 534                 | 0.90  | EF 97ER57                              | 4                  |
| 3.0                             | 4170                          | 468                 | 1.05  | EFA 97ER57                             | 4                  |
| 3.4                             | 3630                          | 407                 | 1.20  | EFF 97ER57                             | 4                  |
| 3.9                             | 3230                          | 362                 | 1.35  | EFAF97ER57                             | 4                  |
| 4.7                             | 2640                          | 296                 | 1.15  | EF 87ER57                              | 4                  |
| 5.7                             | 2190                          | 245                 | 1.35  | EFA 87ER57<br>EFF 87ER57<br>EFAF87ER57 | 4                  |
| 2.7                             | 5230                          | 251.75              | 1.45  | EF 107                                 | 8                  |
| 3.2                             | 4420                          | 213.13              | 1.75  | EFA 107                                | 8                  |
| 3.5                             | 4090                          | 197.24              | 1.90  | EFF 107                                | 8                  |
| 3.9                             | 3670                          | 176.78              | 2.1   | EFAF107                                | 8                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type      | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|------------------|--------------------|
| <b>1.5kW</b>                    |                               |                     |   |                  |                    |
| 3.7                             | 3920                          | 251.75              | 1.95  | EF 107           | 6                  |
| 4.3                             | 3320                          | 213.13              | 2.3   | EFA 107          | 6                  |
| 4.7                             | 3070                          | 197.24              | 2.5   | EFF 107          | 6                  |
| 5.2                             | 2750                          | 176.78              | 2.8   | EFAF107          | 6                  |
| 3.3                             | 4310                          | 276.99              | 1.00  |                  |                    |
| 3.6                             | 3950                          | 253.61              | 1.10  | EF 97            | 6                  |
| 4.1                             | 3490                          | 224.06              | 1.25  | EFA 97           | 6                  |
| 4.8                             | 2960                          | 190.07              | 1.45  | EFF 97           | 6                  |
| 5.3                             | 2720                          | 175.01              | 1.60  | EFAF97           | 6                  |
| 5.1                             | 2830                          | 276.99              | 1.50  |                  |                    |
| 5.5                             | 2590                          | 253.61              | 1.65  | EF 97            | 4                  |
| 6.2                             | 2290                          | 224.06              | 1.90  | EFA 97           | 4                  |
| 7.4                             | 1940                          | 190.07              | 2.2   | EFF 97           | 4                  |
| 8.0                             | 1790                          | 175.01              | 2.4   | EFAF97           | 4                  |
| 5.1                             | 2800                          | 273.43              | 1.05  |                  |                    |
| 5.4                             | 2640                          | 257.97              | 1.15  |                  |                    |
| 6.1                             | 2370                          | 231.26              | 1.25  |                  |                    |
| 7.0                             | 2040                          | 199.21              | 1.45  | EF 87            | 4                  |
| 7.7                             | 1860                          | 181.80              | 1.60  | EFA 87           | 4                  |
| 8.7                             | 1650                          | 161.23              | 1.80  | EFF 87           | 4                  |
| 10                              | 1390                          | 135.53              | 2.2   | EFAF87           | 4                  |
| 11                              | 1270                          | 124.55              | 2.4   |                  |                    |
| 13                              | 1130                          | 110.60              | 2.7   |                  |                    |
| 14                              | 1010                          | 98.89               | 3.0   |                  |                    |
| 8.4                             | 1700                          | 166.47              | 0.90  |                  |                    |
| 9.8                             | 1460                          | 142.27              | 1.05  |                  |                    |
| 11                              | 1320                          | 129.12              | 1.15  |                  |                    |
| 12                              | 1170                          | 114.45              | 1.30  |                  |                    |
| 13                              | 1110                          | 108.46              | 1.35  |                  |                    |
| 15                              | 970                           | 94.93               | 1.55  |                  |                    |
| 16                              | 870                           | 85.52               | 1.70  |                  |                    |
| 19                              | 770                           | 75.02               | 1.95  | EF 77            | 4                  |
| 19                              | 750                           | 73.45               | 2.0   | EFA 77           | 4                  |
| 21                              | 680                           | 66.66               | 2.2   | EFF 77           | 4                  |
| 24                              | 605                           | 59.09               | 2.5   | EFAF77           | 4                  |
| 25                              | 575                           | 56.00               | 2.6   |                  |                    |
| 29                              | 500                           | 49.01               | 3.0   |                  |                    |
| 32                              | 450                           | 44.15               | 3.3   |                  |                    |
| 36                              | 395                           | 38.73               | 3.8   |                  |                    |
| 41                              | 350                           | 34.18               | 4.3   |                  |                    |
| 46                              | 310                           | 30.30               | 4.8   |                  |                    |
| 15                              | 930                           | 90.63               | 0.90  |                  |                    |
| 16                              | 880                           | 85.94               | 0.95  |                  |                    |
| 18                              | 780                           | 76.29               | 1.05  |                  |                    |
| 22                              | 660                           | 64.71               | 1.25  | EF 67            | 4                  |
| 24                              | 600                           | 58.42               | 1.35  | EFA 67           | 4                  |
| 27                              | 525                           | 51.40               | 1.55  | EFF 67           | 4                  |
| 29                              | 495                           | 48.53               | 1.65  | EFAF67           | 4                  |
| 34                              | 425                           | 41.32               | 1.95  |                  |                    |
| 37                              | 385                           | 37.55               | 2.0   |                  |                    |
| 43                              | 335                           | 32.53               | 2.2   |                  |                    |
| 43                              | 330                           | 32.28               | 2.5   | EF 67            | 4                  |
| 49                              | 295                           | 28.79               | 2.8   | EFA 67           | 4                  |
| 57                              | 250                           | 24.61               | 3.3   | EFF 67<br>EFAF67 | 4                  |
| 23                              | 630                           | 61.46               | 0.95  |                  |                    |
| 27                              | 535                           | 52.22               | 1.10  | EF 57            | 4                  |
| 30                              | 475                           | 46.62               | 1.25  | EFA 57           | 4                  |
| 35                              | 405                           | 39.82               | 1.45  | EFF 57           | 4                  |
| 38                              | 380                           | 37.30               | 1.55  | EFAF57           | 4                  |
| 45                              | 320                           | 31.42               | 1.85  |                  |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type                            | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|--|--------------------|
| <b>1.5kW</b>                    |                               |                     |   |  |                    |
| 34                              | 425                           | 41.56               | 0.95  | EF 47                                  | 4                  |
| 39                              | 365                           | 35.50               | 1.10  | EFA 47                                 | 4                  |
| 42                              | 340                           | 33.24               | 1.20  | EFF 47                                 | 4                  |
| 50                              | 285                           | 28.00               | 1.40  | EFAF47                                 | 4                  |
| 48                              | 295                           | 29.04               | 1.35  |  |                    |
| 51                              | 280                           | 27.27               | 1.45  |  |                    |
| 58                              | 250                           | 24.21               | 1.60  | EF 47                                  | 4                  |
| 68                              | 210                           | 20.53               | 1.90  | EFA 47                                 | 4                  |
| 76                              | 190                           | 18.54               | 2.1   | EFF 47                                 | 4                  |
| 86                              | 167                           | 16.31               | 2.4   | EFAF47                                 | 4                  |
| 91                              | 158                           | 15.40               | 2.5   |  |                    |
| 107                             | 134                           | 13.11               | 3.0   |  |                    |
| 68                              | 210                           | 20.57               | 0.95  |  |                    |
| 73                              | 197                           | 19.27               | 1.00  |  |                    |
| 82                              | 174                           | 17.03               | 1.15  |  |                    |
| 89                              | 162                           | 15.81               | 1.25  |  |                    |
| 98                              | 147                           | 14.33               | 1.35  |  |                    |
| 109                             | 132                           | 12.87               | 1.50  |  |                    |
| 126                             | 113                           | 11.08               | 1.70  |  |                    |
| 134                             | 107                           | 10.42               | 1.75  | EF 37                                  | 4                  |
| 156                             | 92                            | 8.97                | 1.90  | EFA 37                                 | 4                  |
| 175                             | 82                            | 8.01                | 2.1   | EFF 37                                 | 4                  |
| 185                             | 77                            | 7.57                | 1.85  | EFAF37                                 | 4                  |
| 204                             | 70                            | 6.86                | 2.0   |  |                    |
| 227                             | 63                            | 6.16                | 2.1   |  |                    |
| 264                             | 54                            | 5.31                | 2.3   |  |                    |
| 281                             | 51                            | 4.99                | 2.4   |  |                    |
| 326                             | 44                            | 4.30                | 2.5   |  |                    |
| 365                             | 39                            | 3.84                | 2.7   |  |                    |
| <b>2.2kW</b>                    |                               |                     |   |  |                    |
| 0.99                            | 18500                         | 1432                | 0.95  | EF 157ER97                             | 4                  |
|                                 |                               |                     |   | EFA 157ER97                            | 4                  |
|                                 |                               |                     |   | EFF 157ER97                            | 4                  |
|                                 |                               |                     |   | EFAF157ER97                            | 4                  |
| 1.1                             | 17100                         | 1326                | 1.05  |  |                    |
| 1.5                             | 12100                         | 940                 | 1.50  | EF 157ER97                             | 4                  |
| 1.7                             | 11000                         | 851                 | 1.65  | EFA 157ER97                            | 4                  |
| 1.8                             | 9970                          | 772                 | 1.80  | EFF 157ER97                            | 4                  |
| 2.5                             | 7420                          | 574                 | 2.4   | EFAF157ER97                            | 4                  |
| 5.2                             | 3550                          | 275                 | 5.1   |  |                    |
| 1.3                             | 13800                         | 1068                | 0.85  |  |                    |
| 1.5                             | 12000                         | 929                 | 1.00  |  |                    |
| 1.7                             | 10700                         | 825                 | 1.15  | EF 127ER77                             | 4                  |
| 2.0                             | 9260                          | 717                 | 1.30  | EFA 127ER77                            | 4                  |
| 2.2                             | 8450                          | 654                 | 1.40  | EFF 127ER77                            | 4                  |
| 2.6                             | 7170                          | 555                 | 1.65  | EFAF127ER77                            | 4                  |
| 2.9                             | 6290                          | 487                 | 1.90  |  |                    |
| 3.3                             | 5550                          | 430                 | 2.2   |  |                    |
| 2.2                             | 8280                          | 641                 | 0.95  |  |                    |
| 2.6                             | 7170                          | 555                 | 1.05  | EF 107ER77                             | 4                  |
| 2.9                             | 6360                          | 492                 | 1.20  | EFA 107ER77                            | 4                  |
| 3.3                             | 5630                          | 436                 | 1.35  | EFF 107ER77                            | 4                  |
| 3.8                             | 4780                          | 370                 | 1.60  | EFAF107ER77                            | 4                  |
| 4.3                             | 4300                          | 333                 | 1.80  |  |                    |
| 5.1                             | 3620                          | 280                 | 1.20  | EF 97ER57                              | 4                  |
| 5.8                             | 3180                          | 246                 | 1.35  | EFA 97ER57<br>EFF 97ER57<br>EFAF97ER57 | 4                  |
| 2.8                             | 7450                          | 251.75              | 1.05  | EF 107                                 | 8                  |
| 3.3                             | 6310                          | 213.13              | 1.20  | EFA 107                                | 8                  |
| 3.6                             | 5840                          | 197.24              | 1.30  | EFF 107                                | 8                  |
| 4.0                             | 5230                          | 176.78              | 1.45  | EFAF107                                | 8                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>2.2kW</b>                    |                               |                     |   |             |                    |
| 3.7                             | 5630                          | 251.75              | 1.35  | EF 107      | 6                  |
| 4.4                             | 4760                          | 213.13              | 1.60  | EFA 107     | 6                  |
| 4.8                             | 4410                          | 197.24              | 1.75  | EFF 107     | 6                  |
| 5.3                             | 3950                          | 176.78              | 1.95  | EFAF107     | 6                  |
| 5.6                             | 3720                          | 251.75              | 2.1   | EF 107      | 4                  |
| 6.7                             | 3150                          | 213.13              | 2.4   | EFA 107     | 4                  |
| 7.2                             | 2920                          | 197.24              | 2.6   | EFF 107     | 4                  |
| 8.0                             | 2620                          | 176.78              | 2.9   | EFAF107     | 4                  |
| 4.2                             | 5010                          | 224.06              | 0.85  | EF 97       | 6                  |
| 4.9                             | 4250                          | 190.07              | 1.00  | EFA 97      | 6                  |
| 5.4                             | 3910                          | 175.01              | 1.10  | EFF 97      | 6                  |
| 6.0                             | 3500                          | 156.43              | 1.25  | EFAF97      | 6                  |
| 5.1                             | 4100                          | 276.99              | 1.05  |             |                    |
| 5.6                             | 3750                          | 253.61              | 1.15  |             |                    |
| 6.3                             | 3310                          | 224.06              | 1.30  | EF 97       | 4                  |
| 7.5                             | 2810                          | 190.07              | 1.55  | EFA 97      | 4                  |
| 8.1                             | 2590                          | 175.01              | 1.65  | EFF 97      | 4                  |
| 9.1                             | 2310                          | 156.43              | 1.85  | EFAF97      | 4                  |
| 10                              | 2080                          | 140.82              | 2.1   |             |                    |
| 11                              | 1890                          | 127.52              | 2.3   |             |                    |
| 7.1                             | 2950                          | 199.21              | 1.00  |             |                    |
| 7.8                             | 2690                          | 181.80              | 1.10  |             |                    |
| 8.8                             | 2390                          | 161.23              | 1.25  |             |                    |
| 10                              | 2010                          | 135.53              | 1.50  |             |                    |
| 11                              | 1840                          | 124.55              | 1.65  |             |                    |
| 13                              | 1640                          | 110.60              | 1.85  | EF 87       | 4                  |
| 14                              | 1460                          | 98.89               | 2.1   | EFA 87      | 4                  |
| 16                              | 1320                          | 88.91               | 2.3   | EFF 87      | 4                  |
| 18                              | 1140                          | 77.17               | 2.6   | EFAF87      | 4                  |
| 21                              | 1020                          | 69.10               | 2.9   |             |                    |
| 25                              | 850                           | 57.33               | 3.5   |             |                    |
| 28                              | 760                           | 51.50               | 3.9   |             |                    |
| 31                              | 685                           | 46.31               | 4.1   |             |                    |
| 12                              | 1690                          | 114.45              | 0.90  |             |                    |
| 13                              | 1600                          | 108.46              | 0.95  |             |                    |
| 15                              | 1400                          | 94.93               | 1.05  |             |                    |
| 17                              | 1270                          | 85.52               | 1.20  |             |                    |
| 19                              | 1110                          | 75.02               | 1.35  | EF 77       | 4                  |
| 19                              | 1090                          | 73.45               | 1.40  | EFA 77      | 4                  |
| 21                              | 990                           | 66.66               | 1.50  | EFF 77      | 4                  |
| 24                              | 870                           | 59.09               | 1.70  | EFAF77      | 4                  |
| 25                              | 830                           | 56.00               | 1.80  |             |                    |
| 29                              | 725                           | 49.01               | 2.1   |             |                    |
| 32                              | 655                           | 44.15               | 2.3   |             |                    |
| 37                              | 575                           | 38.73               | 2.6   |             |                    |

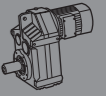
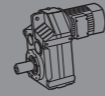


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>2.2kW</b>                    |                               |                     |   |             |                    |
| 30                              | 690                           | 46.62               | 0.85  | EF 57       | 4                  |
| 36                              | 590                           | 39.82               | 1.00  | EFA 57      | 4                  |
| 38                              | 550                           | 37.30               | 1.10  | EFF 57      | 4                  |
| 45                              | 465                           | 31.42               | 1.25  | EFAF57      | 4                  |
| 57                              | 370                           | 24.96               | 1.55  |             |                    |
| 67                              | 315                           | 21.17               | 1.90  | EF 57       | 4                  |
| 74                              | 285                           | 19.11               | 2.1   | EFA 57      | 4                  |
| 84                              | 250                           | 16.81               | 2.4   | EFF 57      | 4                  |
| 89                              | 235                           | 15.88               | 2.6   | EFAF57      | 4                  |
| 59                              | 360                           | 24.21               | 1.10  |             |                    |
| 69                              | 305                           | 20.53               | 1.30  |             |                    |
| 77                              | 275                           | 18.54               | 1.45  |             |                    |
| 87                              | 240                           | 16.31               | 1.65  | EF 47       | 4                  |
| 92                              | 230                           | 15.40               | 1.75  | EFA 47      | 4                  |
| 108                             | 194                           | 13.11               | 2.1   | EFF 47      | 4                  |
| 119                             | 176                           | 11.92               | 2.3   | EFAF47      | 4                  |
| 138                             | 153                           | 10.32               | 2.6   |             |                    |
| 153                             | 137                           | 9.28                | 2.2   |             |                    |
| 169                             | 124                           | 8.38                | 2.4   |             |                    |
| 99                              | 210                           | 14.33               | 0.95  |             |                    |
| 110                             | 190                           | 12.87               | 1.05  |             |                    |
| 128                             | 164                           | 11.08               | 1.15  |             |                    |
| 136                             | 154                           | 10.42               | 1.20  |             |                    |
| 158                             | 133                           | 8.97                | 1.30  |             |                    |
| 177                             | 119                           | 8.01                | 1.45  | EF 37       | 4                  |
| 188                             | 112                           | 7.57                | 1.30  | EFA 37      | 4                  |
| 207                             | 101                           | 6.86                | 1.40  | EFF 37      | 4                  |
| 231                             | 91                            | 6.16                | 1.50  | EFAF37      | 4                  |
| 267                             | 79                            | 5.31                | 1.60  |             |                    |
| 285                             | 74                            | 4.99                | 1.65  |             |                    |
| 330                             | 64                            | 4.30                | 1.75  |             |                    |
| 370                             | 57                            | 3.84                | 1.85  |             |                    |
| <b>3kW</b>                      |                               |                     |   |             |                    |
| 1.5                             | 16600                         | 940                 | 1.10  |             |                    |
| 1.7                             | 15000                         | 851                 | 1.20  | EF 157ER97  | 4                  |
| 1.8                             | 13600                         | 772                 | 1.30  | EFA 157ER97 | 4                  |
| 2.5                             | 10100                         | 574                 | 1.80  | EFF 157ER97 | 4                  |
| 5.2                             | 4850                          | 275                 | 3.7   | EFAF157ER97 | 4                  |
| 2.0                             | 12700                         | 717                 | 0.95  | EF 127ER77  | 4                  |
| 2.2                             | 11500                         | 654                 | 1.05  | EFA 127ER77 | 4                  |
| 2.6                             | 9800                          | 555                 | 1.20  | EFF 127ER77 | 4                  |
| 2.9                             | 8600                          | 487                 | 1.40  | EFAF127ER77 | 4                  |
| 3.3                             | 7700                          | 436                 | 1.00  | EF 107ER77  | 4                  |
| 3.8                             | 6530                          | 370                 | 1.20  | EFA 107ER77 | 4                  |
| 4.3                             | 5880                          | 333                 | 1.30  | EFF 107ER77 | 4                  |
| 4.9                             | 5140                          | 291                 | 1.50  | EFAF107ER77 | 4                  |
| 4.1                             | 7060                          | 174.86              | 1.70  | EF 127      | 8                  |
| 4.5                             | 6350                          | 157.30              | 1.90  | EFA 127     | 8                  |
| 5.5                             | 5180                          | 128.33              | 2.3   | EFF 127     | 8                  |
| 6.1                             | 4720                          | 117.04              | 2.5   | EFAF127     | 8                  |
| 5.5                             | 5220                          | 174.86              | 2.3   | EF 127      | 6                  |
| 6.1                             | 4690                          | 157.30              | 2.6   | EFA 127     | 6                  |
| 7.5                             | 3830                          | 128.33              | 3.1   | EFF 127     | 6                  |
| 8.2                             | 3490                          | 117.04              | 3.4   | EFAF127     | 6                  |
| 3.8                             | 7510                          | 251.75              | 1.00  | EF 107      | 6                  |
| 4.5                             | 6360                          | 213.13              | 1.20  | EFA 107     | 6                  |
| 4.9                             | 5890                          | 197.24              | 1.30  | EFF 107     | 6                  |
| 5.4                             | 5280                          | 176.78              | 1.45  | EFAF107     | 6                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>3kW</b>                      |                               |                     |   |             |                    |
| 5.6                             | 5080                          | 251.75              | 1.50  |             |                    |
| 6.7                             | 4300                          | 213.13              | 1.80  | EF 107      | 4                  |
| 7.2                             | 3980                          | 197.24              | 1.95  | EFA 107     | 4                  |
| 8.0                             | 3570                          | 176.78              | 2.2   | EFF 107     | 4                  |
| 8.9                             | 3220                          | 159.60              | 2.4   | EFAF107     | 4                  |
| 6.3                             | 4520                          | 224.06              | 0.95  |             |                    |
| 7.5                             | 3830                          | 190.07              | 1.10  |             |                    |
| 8.1                             | 3530                          | 175.01              | 1.20  |             |                    |
| 9.1                             | 3160                          | 156.43              | 1.35  | EF 97       | 4                  |
| 10                              | 2840                          | 140.82              | 1.50  | EFA 97      | 4                  |
| 11                              | 2570                          | 127.52              | 1.65  | EFF 97      | 4                  |
| 13                              | 2280                          | 113.08              | 1.90  | EFAF97      | 4                  |
| 14                              | 2060                          | 102.24              | 2.1   |             |                    |
| 15                              | 1920                          | 95.09               | 2.2   |             |                    |
| 16                              | 1770                          | 87.55               | 2.4   |             |                    |
| 10                              | 2730                          | 135.53              | 1.10  |             |                    |
| 11                              | 2510                          | 124.55              | 1.20  |             |                    |
| 13                              | 2230                          | 110.60              | 1.35  |             |                    |
| 14                              | 2000                          | 98.89               | 1.50  | EF 87       | 4                  |
| 16                              | 1790                          | 88.91               | 1.65  | EFA 87      | 4                  |
| 18                              | 1560                          | 77.17               | 1.95  | EFF 87      | 4                  |
| 21                              | 1390                          | 69.10               | 2.2   | EFAF87      | 4                  |
| 25                              | 1160                          | 57.33               | 2.6   |             |                    |
| 28                              | 1040                          | 51.50               | 2.8   |             |                    |
| 17                              | 1730                          | 85.52               | 0.85  |             |                    |
| 19                              | 1510                          | 75.02               | 1.00  |             |                    |
| 19                              | 1480                          | 73.45               | 1.00  |             |                    |
| 21                              | 1340                          | 66.66               | 1.10  | EF 77       | 4                  |
| 24                              | 1190                          | 59.09               | 1.25  | EFA 77      | 4                  |
| 25                              | 1130                          | 56.00               | 1.35  | EFF 77      | 4                  |
| 29                              | 990                           | 49.01               | 1.50  | EFAF77      | 4                  |
| 32                              | 890                           | 44.15               | 1.70  |             |                    |
| 37                              | 780                           | 38.73               | 1.90  |             |                    |
| 39                              | 740                           | 36.58               | 1.50  | EF 77       | 4                  |
| 45                              | 635                           | 31.51               | 2.2   | EFA 77      | 4                  |
| 49                              | 580                           | 28.75               | 2.5   | EFF 77      | 4                  |
| 56                              | 515                           | 25.50               | 2.9   | EFAF77      | 4                  |
| 66                              | 430                           | 21.43               | 3.5   |             |                    |
| 29                              | 980                           | 48.53               | 0.85  | EF 67       | 4                  |
| 34                              | 830                           | 41.32               | 1.00  | EFA 67      | 4                  |
| 38                              | 760                           | 37.55               | 1.05  | EFF 67      | 4                  |
| 44                              | 655                           | 32.53               | 1.15  | EFAF67      | 4                  |
| 49                              | 580                           | 28.79               | 1.40  |             |                    |
| 58                              | 495                           | 24.61               | 1.65  |             |                    |
| 64                              | 450                           | 22.33               | 1.80  | EF 67       | 4                  |
| 72                              | 400                           | 19.80               | 2.1   | EFA 67      | 4                  |
| 76                              | 380                           | 18.76               | 2.2   | EFF 67      | 4                  |
| 86                              | 330                           | 16.42               | 2.5   | EFAF67      | 4                  |
| 96                              | 300                           | 14.79               | 2.7   |             |                    |
| 57                              | 505                           | 24.96               | 1.15  |             |                    |
| 67                              | 425                           | 21.17               | 1.40  |             |                    |
| 74                              | 385                           | 19.11               | 1.55  | EF 57       | 4                  |
| 84                              | 340                           | 16.81               | 1.75  | EFA 57      | 4                  |
| 89                              | 320                           | 15.88               | 1.85  | EFF 57      | 4                  |
| 105                             | 275                           | 13.52               | 2.2   | EFAF57      | 4                  |
| 116                             | 250                           | 12.29               | 2.4   |             |                    |
| 133                             | 215                           | 10.64               | 2.8   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>3kW</b>                      |                               |                     |   |             |                    |
| 69                              | 415                           | 20.53               | 0.95  |             |                    |
| 77                              | 375                           | 18.54               | 1.05  |             |                    |
| 87                              | 330                           | 16.31               | 1.20  |             |                    |
| 92                              | 310                           | 15.40               | 1.30  | EF 47       | 4                  |
| 108                             | 265                           | 13.11               | 1.50  | EFA 47      | 4                  |
| 119                             | 240                           | 11.92               | 1.65  | EFF 47      | 4                  |
| 138                             | 210                           | 10.32               | 1.90  | EFAF47      | 4                  |
| 153                             | 187                           | 9.28                | 1.60  |             |                    |
| 169                             | 169                           | 8.38                | 1.75  |             |                    |
| 128                             | 225                           | 11.08               | 0.85  |             |                    |
| 136                             | 210                           | 10.42               | 0.90  |             |                    |
| 158                             | 181                           | 8.97                | 0.95  |             |                    |
| 177                             | 162                           | 8.01                | 1.05  |             |                    |
| 188                             | 153                           | 7.57                | 0.95  | EF 37       | 4                  |
| 207                             | 138                           | 6.86                | 1.00  | EFA 37      | 4                  |
| 231                             | 124                           | 6.16                | 1.10  | EFF 37      | 4                  |
| 267                             | 107                           | 5.31                | 1.15  | EFAF37      | 4                  |
| 285                             | 101                           | 4.99                | 1.20  |             |                    |
| 330                             | 87                            | 4.30                | 1.25  |             |                    |
| 370                             | 77                            | 3.84                | 1.35  |             |                    |
| <b>4kW</b>                      |                               |                     |   |             |                    |
| 1.7                             | 19800                         | 851                 | 0.90  | EF 157ER97  | 4                  |
| 1.9                             | 17900                         | 772                 | 1.00  | EFA 157ER97 | 4                  |
| 2.5                             | 13300                         | 574                 | 1.35  | EFF 157ER97 | 4                  |
| 5.2                             | 6390                          | 275                 | 2.8   | EFAF157ER97 | 4                  |
| 2.6                             | 12900                         | 555                 | 0.95  | EF 127ER77  | 4                  |
| 3.0                             | 11300                         | 487                 | 1.05  | EFA 127ER77 | 4                  |
| 3.3                             | 9990                          | 430                 | 1.20  | EFF 127ER77 | 4                  |
| 3.8                             | 8860                          | 381                 | 1.35  | EFAF127ER77 | 4                  |
| 4.3                             | 7740                          | 333                 | 1.00  | EF 107ER77  | 4                  |
| 4.9                             | 6760                          | 291                 | 1.15  | EFA 107ER77 | 4                  |
| 5.6                             | 5950                          | 256                 | 1.30  | EFF 107ER77 | 4                  |
| 4.1                             | 9280                          | 174.86              | 1.30  | EF 127      | 8                  |
| 4.6                             | 8340                          | 157.30              | 1.45  | EFA 127     | 8                  |
| 5.6                             | 6810                          | 128.33              | 1.75  | EFF 127     | 8                  |
| 6.2                             | 6210                          | 117.04              | 1.95  | EFAF127     | 8                  |
| 5.7                             | 6680                          | 251.75              | 1.15  |             |                    |
| 6.8                             | 5650                          | 213.13              | 1.35  |             |                    |
| 7.3                             | 5230                          | 197.24              | 1.45  |             |                    |
| 8.1                             | 4690                          | 176.78              | 1.65  | EF 107      | 4                  |
| 9.0                             | 4230                          | 159.60              | 1.80  | EFA 107     | 4                  |
| 9.9                             | 3850                          | 144.96              | 2.0   | EFF 107     | 4                  |
| 11                              | 3410                          | 128.62              | 2.3   | EFAF107     | 4                  |
| 12                              | 3100                          | 116.71              | 2.5   |             |                    |
| 14                              | 2660                          | 100.32              | 2.9   |             |                    |
| 8.2                             | 4640                          | 175.01              | 0.95  |             |                    |
| 9.2                             | 4150                          | 156.43              | 1.05  |             |                    |
| 10                              | 3740                          | 140.82              | 1.15  |             |                    |
| 11                              | 3380                          | 127.52              | 1.25  |             |                    |
| 13                              | 3000                          | 113.08              | 1.45  | EF 97       | 4                  |
| 14                              | 2710                          | 102.24              | 1.60  | EFA 97      | 4                  |
| 15                              | 2520                          | 95.09               | 1.70  | EFF 97      | 4                  |
| 17                              | 2300                          | 86.66               | 1.85  | EFAF97      | 4                  |
| 18                              | 2080                          | 78.26               | 2.1   |             |                    |
| 20                              | 1870                          | 70.45               | 2.3   |             |                    |
| 23                              | 1690                          | 63.80               | 2.5   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>4kW</b>                      |                               |                     |   |             |                    |
| 13                              | 2930                          | 110.60              | 1.00  |             |                    |
| 15                              | 2620                          | 98.89               | 1.15  |             |                    |
| 16                              | 2360                          | 88.91               | 1.25  | EF 87       | 4                  |
| 19                              | 2050                          | 77.17               | 1.45  | EFA 87      | 4                  |
| 21                              | 1830                          | 69.10               | 1.65  | EFF 87      | 4                  |
| 25                              | 1520                          | 57.33               | 1.95  | EFAF87      | 4                  |
| 28                              | 1370                          | 51.50               | 2.2   |             |                    |
| 31                              | 1230                          | 46.31               | 2.3   |             |                    |
| 22                              | 1770                          | 66.66               | 0.85  |             |                    |
| 24                              | 1570                          | 59.09               | 0.95  |             |                    |
| 26                              | 1490                          | 56.00               | 1.00  |             |                    |
| 29                              | 1300                          | 49.01               | 1.15  | EF 77       | 4                  |
| 33                              | 1170                          | 44.15               | 1.30  | EFA 77      | 4                  |
| 37                              | 1030                          | 38.73               | 1.45  | EFF 77      | 4                  |
| 42                              | 910                           | 34.18               | 1.65  | EFAF77      | 4                  |
| 48                              | 800                           | 30.30               | 1.85  |             |                    |
| 56                              | 685                           | 25.87               | 2.1   |             |                    |
| 46                              | 840                           | 31.51               | 1.65  |             |                    |
| 50                              | 765                           | 28.75               | 1.90  | EF 77       | 4                  |
| 56                              | 675                           | 25.50               | 2.2   | EFA 77      | 4                  |
| 67                              | 570                           | 21.43               | 2.6   | EFF 77      | 4                  |
| 73                              | 525                           | 19.70               | 2.9   | EFAF77      | 4                  |
| 50                              | 765                           | 28.79               | 1.05  |             |                    |
| 59                              | 655                           | 24.61               | 1.25  |             |                    |
| 64                              | 590                           | 22.33               | 1.40  |             |                    |
| 73                              | 525                           | 19.80               | 1.55  |             |                    |
| 77                              | 500                           | 18.76               | 1.65  |             |                    |
| 88                              | 435                           | 16.42               | 1.90  |             |                    |
| 97                              | 390                           | 14.79               | 2.1   |             |                    |
| 111                             | 345                           | 12.98               | 2.4   |             |                    |
| 126                             | 305                           | 11.45               | 2.7   | EF 67       | 4                  |
| 142                             | 270                           | 10.15               | 3.0   | EFA 67      | 4                  |
| 160                             | 240                           | 9.00                | 2.2   | EFF 67      | 4                  |
| 166                             | 230                           | 8.67                | 3.6   | EFAF67      | 4                  |
| 169                             | 225                           | 8.53                | 2.5   |             |                    |
| 193                             | 198                           | 7.46                | 3.0   |             |                    |
| 214                             | 179                           | 6.73                | 3.4   |             |                    |
| 244                             | 156                           | 5.90                | 3.8   |             |                    |
| 276                             | 138                           | 5.21                | 4.3   |             |                    |
| 312                             | 123                           | 4.62                | 4.6   |             |                    |
| 365                             | 105                           | 3.94                | 4.8   |             |                    |
| 68                              | 560                           | 21.17               | 1.05  |             |                    |
| 75                              | 505                           | 19.11               | 1.20  |             |                    |
| 86                              | 445                           | 16.81               | 1.35  |             |                    |
| 91                              | 420                           | 15.88               | 1.40  |             |                    |
| 107                             | 360                           | 13.52               | 1.65  |             |                    |
| 117                             | 325                           | 12.29               | 1.85  | EF 57       | 4                  |
| 135                             | 280                           | 10.64               | 2.1   | EFA 57      | 4                  |
| 152                             | 250                           | 9.45                | 1.30  | EFF 57      | 4                  |
| 169                             | 225                           | 8.5                 |   |             |                    |

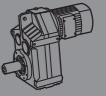
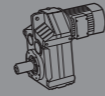


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>5.5kW</b>                    |                               |                     |   |             |                    |
| 2.5                             | 18300                         | 574                 | 1.00  |             |                    |
| 2.9                             | 16000                         | 502                 | 1.10  |             |                    |
| 3.3                             | 14000                         | 437                 | 1.30  |             |                    |
| 4.1                             | 11100                         | 348                 | 1.60  | EF 157ER97  | 4                  |
| 4.8                             | 9620                          | 301                 | 1.85  | EFA 157ER97 | 4                  |
| 5.2                             | 8790                          | 275                 | 2.0   | EFF 157ER97 | 4                  |
| 6.3                             | 7350                          | 230                 | 2.4   | EFAF157ER97 | 4                  |
| 7.2                             | 6430                          | 201                 | 2.8   |             |                    |
| 7.3                             | 6330                          | 198                 | 2.8   |             |                    |
| 3.5                             | 13200                         | 412                 | 0.90  |             |                    |
| 3.9                             | 12000                         | 374                 | 1.00  | EF 127ER87  | 4                  |
| 4.6                             | 10000                         | 314                 | 1.20  | EFA 127ER87 | 4                  |
| 4.9                             | 9460                          | 296                 | 1.25  | EFF 127ER87 | 4                  |
| 5.5                             | 8340                          | 261                 | 1.45  | EFAF127ER87 | 4                  |
| 6.4                             | 7190                          | 225                 | 1.65  |             |                    |
| 3.3                             | 13700                         | 430                 | 0.85  | EF 127ER77  | 4                  |
| 3.8                             | 12200                         | 381                 | 1.00  | EFA 127ER77 | 4                  |
|                                 |                               |                     |   | EFF 127ER77 | 4                  |
|                                 |                               |                     |   | EFAF127ER77 | 4                  |
| 2.7                             | 19500                         | 267.43              | 0.90  |             |                    |
| 3.3                             | 15900                         | 217.62              | 1.15  |             |                    |
| 4.0                             | 13000                         | 178.20              | 1.40  |             |                    |
| 4.4                             | 11900                         | 162.96              | 1.50  |             |                    |
| 5.1                             | 10300                         | 141.80              | 1.75  | EF 157      | 8                  |
| 5.8                             | 9130                          | 125.14              | 1.95  | EFA 157     | 8                  |
| 6.6                             | 7910                          | 108.49              | 2.3   | EFF 157     | 8                  |
| 7.5                             | 7040                          | 96.53               | 2.6   | EFAF157     | 8                  |
| 8.6                             | 6130                          | 84.10               | 2.9   |             |                    |
| 9.4                             | 5610                          | 76.91               | 3.2   |             |                    |
| 11                              | 4880                          | 66.92               | 3.7   |             |                    |
| 4.1                             | 12800                         | 174.86              | 0.95  | EF 127      | 8                  |
| 4.6                             | 11500                         | 157.30              | 1.05  | EFA 127     | 8                  |
| 5.6                             | 9360                          | 128.33              | 1.30  | EFF 127     | 8                  |
| 6.2                             | 8540                          | 117.04              | 1.40  | EFAF127     | 8                  |
| 5.5                             | 9570                          | 174.86              | 1.25  | EF 127      | 6                  |
| 6.1                             | 8610                          | 157.30              | 1.40  | EFA 127     | 6                  |
| 7.5                             | 7020                          | 128.33              | 1.70  | EFF 127     | 6                  |
| 8.2                             | 6400                          | 117.04              | 1.85  | EFAF127     | 6                  |
| 6.8                             | 7770                          | 213.13              | 1.00  |             |                    |
| 7.3                             | 7190                          | 197.24              | 1.05  |             |                    |
| 8.1                             | 6450                          | 176.78              | 1.20  |             |                    |
| 9.0                             | 5820                          | 159.60              | 1.30  |             |                    |
| 9.9                             | 5290                          | 144.96              | 1.45  | EF 107      | 4                  |
| 11                              | 4690                          | 128.62              | 1.65  | EFA 107     | 4                  |
| 12                              | 4260                          | 116.71              | 1.80  | EFF 107     | 4                  |
| 14                              | 3660                          | 100.32              | 2.1   | EFAF107     | 4                  |
| 16                              | 3380                          | 92.57               | 2.3   |             |                    |
| 16                              | 3190                          | 87.57               | 2.4   |             |                    |
| 17                              | 3070                          | 84.08               | 2.5   |             |                    |
| 11                              | 4650                          | 127.52              | 0.90  |             |                    |
| 13                              | 4120                          | 113.08              | 1.05  |             |                    |
| 14                              | 3730                          | 102.24              | 1.15  |             |                    |
| 15                              | 3470                          | 95.09               | 1.25  |             |                    |
| 16                              | 3190                          | 87.55               | 1.35  | EF 97       | 4                  |
| 17                              | 3160                          | 86.66               | 1.35  | EFA 97      | 4                  |
| 18                              | 2850                          | 78.26               | 1.50  | EFF 97      | 4                  |
| 20                              | 2570                          | 70.45               | 1.65  | EFAF97      | 4                  |
| 23                              | 2330                          | 63.80               | 1.85  |             |                    |
| 25                              | 2060                          | 56.57               | 2.1   |             |                    |
| 28                              | 1870                          | 51.15               | 2.3   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>5.5kW</b>                    |                               |                     |   |             |                    |
| 16                              | 3240                          | 88.91               | 0.95  |             |                    |
| 19                              | 2810                          | 77.17               | 1.05  |             |                    |
| 21                              | 2520                          | 69.10               | 1.20  |             |                    |
| 25                              | 2090                          | 57.33               | 1.45  | EF 87       | 4                  |
| 28                              | 1880                          | 51.50               | 1.55  | EFA 87      | 4                  |
| 31                              | 1690                          | 46.31               | 1.65  | EFF 87      | 4                  |
| 36                              | 1470                          | 40.19               | 1.85  | EFAF87      | 4                  |
| 40                              | 1310                          | 35.99               | 2.0   |             |                    |
| 48                              | 1090                          | 29.86               | 2.3   |             |                    |
| 42                              | 1250                          | 34.27               | 2.1   | EF 87       | 4                  |
| 50                              | 1060                          | 29.07               | 2.3   | EFA 87      | 4                  |
| 54                              | 980                           | 26.77               | 3.1   | EFF 87      | 4                  |
| 60                              | 870                           | 23.92               | 3.4   | EFAF87      | 4                  |
| 29                              | 1790                          | 49.01               | 0.85  |             |                    |
| 33                              | 1610                          | 44.15               | 0.95  | EF 77       | 4                  |
| 37                              | 1410                          | 38.73               | 1.05  | EFA 77      | 4                  |
| 42                              | 1250                          | 34.18               | 1.20  | EFF 77      | 4                  |
| 48                              | 1110                          | 30.30               | 1.35  | EFAF77      | 4                  |
| 56                              | 940                           | 25.87               | 1.55  |             |                    |
| 56                              | 930                           | 25.50               | 1.60  |             |                    |
| 67                              | 780                           | 21.43               | 1.90  |             |                    |
| 73                              | 720                           | 19.70               | 2.1   | EF 77       | 4                  |
| 82                              | 640                           | 17.49               | 2.4   | EFA 77      | 4                  |
| 92                              | 570                           | 15.64               | 2.6   | EFF 77      | 4                  |
| 102                             | 515                           | 14.06               | 2.9   | EFAF77      | 4                  |
| 118                             | 445                           | 12.21               | 3.4   |             |                    |
| 73                              | 720                           | 19.80               | 1.15  |             |                    |
| 77                              | 685                           | 18.76               | 1.20  |             |                    |
| 88                              | 600                           | 16.42               | 1.35  |             |                    |
| 97                              | 540                           | 14.79               | 1.50  |             |                    |
| 111                             | 475                           | 12.98               | 1.75  |             |                    |
| 126                             | 420                           | 11.45               | 1.95  |             |                    |
| 142                             | 370                           | 10.15               | 2.2   | EF 67       | 4                  |
| 160                             | 330                           | 9.00                | 1.60  | EFA 67      | 4                  |
| 166                             | 315                           | 8.67                | 2.6   | EFF 67      | 4                  |
| 169                             | 310                           | 8.53                | 1.85  | EFAF67      | 4                  |
| 193                             | 270                           | 7.46                | 2.2   |             |                    |
| 214                             | 245                           | 6.73                | 2.5   |             |                    |
| 244                             | 215                           | 5.90                | 2.8   |             |                    |
| 276                             | 190                           | 5.21                | 3.1   |             |                    |
| 312                             | 169                           | 4.62                | 3.3   |             |                    |
| 365                             | 144                           | 3.94                | 3.5   |             |                    |
| 86                              | 615                           | 16.81               | 1.00  |             |                    |
| 91                              | 580                           | 15.88               | 1.05  |             |                    |
| 107                             | 495                           | 13.52               | 1.20  |             |                    |
| 117                             | 450                           | 12.29               | 1.35  | EF 57       | 4                  |
| 135                             | 390                           | 10.64               | 1.55  | EFA 57      | 4                  |
| 192                             | 275                           | 7.51                | 1.20  | EFF 57      | 4                  |
| 203                             | 260                           | 7.09                | 1.30  | EFAF57      | 4                  |
| 238                             | 220                           | 6.04                | 1.50  |             |                    |
| 262                             | 200                           | 5.49                | 1.65  |             |                    |
| 303                             | 173                           | 4.75                | 1.90  |             |                    |
| <b>7.5kW</b>                    |                               |                     |   |             |                    |
| 4.6                             | 13500                         | 314                 | 0.90  | EF 127ER87  | 4                  |
| 4.9                             | 12700                         | 296                 | 0.95  | EFA 127ER87 | 4                  |
| 5.6                             | 11200                         | 261                 | 1.05  | EFF 127ER87 | 4                  |
| 6.5                             | 9680                          | 225                 | 1.25  | EFAF127ER87 | 4                  |
| 7.3                             | 8560                          | 199                 | 1.40  |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>7.5kW</b>                    |                               |                     |   |             |                    |
| 3.3                             | 21600                         | 217.62              | 0.85  |             |                    |
| 4.0                             | 17700                         | 178.20              | 1.00  |             |                    |
| 4.4                             | 16200                         | 162.96              | 1.10  |             |                    |
| 5.1                             | 14100                         | 141.80              | 1.30  |             |                    |
| 5.8                             | 12400                         | 125.14              | 1.45  |             |                    |
| 6.6                             | 10800                         | 108.49              | 1.65  | EF 157      | 8                  |
| 7.5                             | 9600                          | 96.53               | 1.85  | EFA 157     | 8                  |
| 8.6                             | 8370                          | 84.10               | 2.2   | EFF 157     | 8                  |
| 9.4                             | 7650                          | 76.91               | 2.4   | EFAF157     | 8                  |
| 11                              | 6660                          | 66.92               | 2.7   |             |                    |
| 12                              | 5870                          | 59.06               | 3.1   |             |                    |
| 14                              | 5090                          | 51.20               | 3.5   |             |                    |
| 16                              | 4530                          | 45.55               | 4.0   |             |                    |
| 19                              | 3840                          | 38.65               | 4.7   |             |                    |
| 3.6                             | 20000                         | 267.43              | 0.90  |             |                    |
| 4.4                             | 16200                         | 217.62              | 1.10  |             |                    |
| 5.4                             | 13300                         | 178.20              | 1.35  |             |                    |
| 5.9                             | 12200                         | 162.96              | 1.50  |             |                    |
| 6.8                             | 10600                         | 141.80              | 1.70  |             |                    |
| 7.7                             | 9340                          | 125.14              | 1.95  | EF 157      | 6                  |
| 8.8                             | 8090                          | 108.49              | 2.2   | EFA 157     | 6                  |
| 9.9                             | 7200                          | 96.53               | 2.5   | EFF 157     | 6                  |
| 11                              | 6270                          | 84.10               | 2.9   | EFAF157     | 6                  |
| 12                              | 5740                          | 76.91               | 3.1   |             |                    |
| 14                              | 4990                          | 66.92               | 3.6   |             |                    |
| 16                              | 4410                          | 59.06               | 4.1   |             |                    |
| 19                              | 3820                          | 51.20               | 4.7   |             |                    |
| 5.6                             | 12800                         | 128.33              | 0.95  | EF 127      | 8                  |
| 6.2                             | 11600                         | 117.04              | 1.05  | EFA 127     | 8                  |
| 7.1                             | 10100                         | 101.29              | 1.20  | EFF 127     | 8                  |
| 8.1                             | 8890                          | 89.38               | 1.35  | EFAF127     | 8                  |
| 5.5                             | 13000                         | 174.86              | 0.90  | EF 127      | 6                  |
| 6.1                             | 11700                         | 157.30              | 1.00  | EFA 127     | 6                  |
| 7.5                             | 9570                          | 128.33              | 1.25  | EFF 127     | 6                  |
| 8.2                             | 8730                          | 117.04              | 1.35  | EFAF127     | 6                  |
| 8.3                             | 8580                          | 174.86              | 1.40  | EF 127      | 4                  |
| 9.3                             | 7720                          | 157.30              | 1.55  | EFA 127     | 4                  |
| 11                              | 6290                          | 128.33              | 1.90  | EFF 127     | 4                  |
| 12                              | 5740                          | 117.04              | 2.1   | EFAF127     | 4                  |
| 8.3                             | 8670                          | 176.78              | 0.90  |             |                    |
| 9.1                             | 7830                          | 159.60              | 1.00  |             |                    |
| 10                              | 7110                          | 144.96              | 1.10  |             |                    |
| 11                              | 6310                          | 128.62              | 1.20  |             |                    |
| 13                              | 5720                          | 116.71              | 1.35  | EF 107      | 4                  |
| 15                              | 4920                          | 100.32              | 1.55  | EFA 107     | 4                  |
| 16                              | 4540                          | 92.57               | 1.70  | EFF 107     | 4                  |
| 17                              | 4300                          | 87.57               | 1.80  | EFAF107     | 4                  |
| 17                              | 4120                          | 84.08               | 1.85  |             |                    |
| 20                              | 3660                          | 74.60               | 2.1   |             |                    |
| 22                              | 3320                          | 67.69               | 2.3   |             |                    |
| 14                              | 5020                          | 102.24              | 0.85  |             |                    |
| 15                              | 4660                          | 95.09               | 0.90  |             |                    |
| 17                              | 4250                          | 86.66               | 1.00  |             |                    |
| 19                              | 3840                          | 78.26               | 1.10  |             |                    |
| 19                              | 3710                          | 75.69               | 1.15  | EF 97       | 4                  |
| 21                              | 3460                          | 70.45               | 1.25  | EFA 97      | 4                  |
| 23                              | 3130                          | 63.80               | 1.35  | EFF 97      | 4                  |
| 26                              | 2770                          | 56.57               | 1.55  | EFAF97      | 4                  |
| 29                              | 2510                          | 51.15               | 1.70  |             |                    |
| 34                              | 2130                          | 43.35               | 2.0   |             |                    |
| 39                              | 1860                          | 37.87               | 2.3   |             |                    |
| 46                              | 1550                          | 31.67               | 2.8   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>7.5kW</b>                    |                               |                     |   |             |                    |
| 25                              | 2810                          | 57.33               | 1.05  |             |                    |
| 28                              | 2530                          | 51.50               | 1.15  | EF 87       | 4                  |
| 32                              | 2270                          | 46.31               | 1.25  | EFA 87      | 4                  |
| 36                              | 1970                          | 40.19               | 1.40  | EFF 87      | 4                  |
| 41                              | 1770                          | 35.99               | 1.50  | EFAF87      | 4                  |
| 49                              | 1460                          | 29.86               | 1.70  |             |                    |
| 50                              | 1430                          | 29.07               | 1.70  |             |                    |
| 55                              | 1310                          | 26.77               | 2.3   |             |                    |
| 61                              | 1170                          | 23.92               | 2.6   | EF 87       | 4                  |
| 68                              | 1060                          | 21.54               | 2.8   | EFA 87      | 4                  |
| 75                              | 960                           | 19.50               | 3.1   | EFF 87      | 4                  |
| 84                              | 850                           | 17.29               | 3.5   | EFAF87      | 4                  |
| 93                              | 765                           | 15.64               | 3.9   |             |                    |
| 43                              | 1680                          | 34.18               | 0.90  | EF 77       | 4                  |
| 48                              | 1490                          | 30.30               | 1.00  | EFA 77      | 4                  |
| 56                              | 1270                          | 25.87               | 1.15  | EFF 77      | 4                  |
|                                 |                               |                     |   | EFAF77      | 4                  |
| 57                              | 1250                          | 25.50               | 1.20  |             |                    |
| 68                              | 1050                          | 21.43               | 1.45  |             |                    |
| 74                              | 970                           | 19.70               | 1.55  |             |                    |
| 83                              | 860                           | 17.49               | 1.75  |             |                    |
| 93                              | 765                           | 15.64               | 1.95  |             |                    |
| 104                             | 690                           | 14.06               | 2.2   |             |                    |
| 120                             | 600                           | 12.21               | 2.5   | EF 77       | 4                  |
| 134                             | 535                           | 10.93               | 2.8   | EFA 77      | 4                  |
| 156                             | 460                           | 9.36                | 2.3   | EFF 77      | 4                  |
| 176                             | 410                           | 8.31                | 2.5   | EFAF77      | 4                  |
| 197                             | 365                           | 7.43                | 2.8   |             |                    |
| 219                             | 330                           | 6.68                | 3.2   |             |                    |
| 252                             | 285                           | 5.80                | 3.6   |             |                    |
| 281                             | 255                           | 5.19                | 4.1   |             |                    |
| 33                              |                               |                     |   |             |                    |

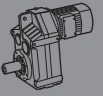
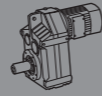


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>11kW</b>                     |                               |                     |   |             |                    |
| 5.5                             | 19200                         | 267.43              | 0.95  |             |                    |
| 6.7                             | 15700                         | 217.62              | 1.15  |             |                    |
| 8.2                             | 12800                         | 178.20              | 1.40  |             |                    |
| 9.0                             | 11700                         | 162.96              | 1.55  |             |                    |
| 10                              | 10200                         | 141.80              | 1.75  | EF 157      | 4                  |
| 12                              | 9000                          | 125.14              | 2.0   | EFA 157     | 4                  |
| 13                              | 7810                          | 108.49              | 2.3   | EFF 157     | 4                  |
| 15                              | 6940                          | 96.53               | 2.6   | EFAF157     | 4                  |
| 17                              | 6050                          | 84.10               | 3.0   |             |                    |
| 19                              | 5530                          | 76.91               | 3.3   |             |                    |
| 22                              | 4810                          | 66.92               | 3.7   |             |                    |
| 7.5                             | 14000                         | 128.33              | 0.85  |             | 6                  |
| 8.2                             | 12800                         | 117.04              | 0.95  | EF 127      | 6                  |
| 9.5                             | 11100                         | 101.29              | 1.10  | EFA 127     | 6                  |
| 11                              | 9780                          | 89.38               | 1.25  | EFF 127     | 6                  |
| 12                              | 8450                          | 77.19               | 1.40  | EFAF127     | 6                  |
| 8.3                             | 12600                         | 174.86              | 0.95  |             | 4                  |
| 9.3                             | 11300                         | 157.30              | 1.05  |             | 4                  |
| 11                              | 9230                          | 128.33              | 1.30  | EF 127      | 4                  |
| 12                              | 8420                          | 117.04              | 1.45  | EFA 127     | 4                  |
| 14                              | 7290                          | 101.29              | 1.65  | EFF 127     | 4                  |
| 16                              | 6430                          | 89.38               | 1.85  | EFAF127     | 4                  |
| 19                              | 5550                          | 77.19               | 2.2   |             |                    |
| 13                              | 8400                          | 116.71              | 0.90  |             | 4                  |
| 15                              | 7220                          | 100.32              | 1.05  |             | 4                  |
| 16                              | 6660                          | 92.57               | 1.15  |             | 4                  |
| 17                              | 6300                          | 87.57               | 1.20  |             | 4                  |
| 17                              | 6050                          | 84.08               | 1.25  | EF 107      | 4                  |
| 20                              | 5370                          | 74.60               | 1.45  | EFA 107     | 4                  |
| 22                              | 4870                          | 67.69               | 1.60  | EFF 107     | 4                  |
| 25                              | 4190                          | 58.19               | 1.85  | EFAF107     | 4                  |
| 29                              | 3650                          | 50.79               | 2.1   |             |                    |
| 34                              | 3100                          | 43.08               | 2.5   |             |                    |
| 39                              | 2710                          | 37.65               | 2.8   |             |                    |
| 46                              | 2290                          | 31.84               | 3.4   |             |                    |
| 44                              | 2410                          | 33.44               | 3.1   | EF 107      | 4                  |
| 54                              | 1960                          | 27.28               | 4.0   | EFA 107     | 4                  |
| 59                              | 1790                          | 24.88               | 4.4   | EFF 107     | 4                  |
|                                 |                               |                     |   | EFAF107     | 4                  |
| 21                              | 5070                          | 70.45               | 0.85  |             | 6                  |
| 23                              | 4590                          | 63.80               | 0.95  |             | 6                  |
| 26                              | 4070                          | 56.57               | 1.05  | EF 97       | 4                  |
| 29                              | 3680                          | 51.15               | 1.15  | EFA 97      | 4                  |
| 34                              | 3120                          | 43.35               | 1.40  | EFF 97      | 4                  |
| 39                              | 2720                          | 37.87               | 1.60  | EFAF97      | 4                  |
| 46                              | 2280                          | 31.67               | 1.90  |             |                    |
| 48                              | 2190                          | 30.42               | 1.95  | EF 97       | 4                  |
| 53                              | 1980                          | 27.46               | 2.2   | EFA 97      | 4                  |
| 59                              | 1790                          | 24.94               | 2.4   | EFF 97      | 4                  |
| 66                              | 1590                          | 22.13               | 2.7   | EFAF97      | 4                  |
| 36                              | 2890                          | 40.19               | 0.95  | EF 87       | 4                  |
| 41                              | 2590                          | 35.99               | 1.00  | EFA 87      | 4                  |
| 49                              | 2150                          | 29.86               | 1.15  | EFF 87      | 4                  |
| 56                              | 1870                          | 25.96               | 1.30  | EFAF87      | 4                  |
| 61                              | 1720                          | 23.92               | 1.75  |             | 4                  |
| 68                              | 1550                          | 21.54               | 1.95  | EF 87       | 4                  |
| 75                              | 1400                          | 19.50               | 2.1   | EFA 87      | 4                  |
| 84                              | 1240                          | 17.29               | 2.4   | EFF 87      | 4                  |
| 93                              | 1130                          | 15.64               | 2.7   | EFAF87      | 4                  |
| 110                             | 950                           | 13.25               | 3.1   |             | 4                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>11kW</b>                     |                               |                     |   |             |                    |
| 74                              | 1420                          | 19.70               | 1.05  |             |                    |
| 83                              | 1260                          | 17.49               | 1.20  |             |                    |
| 93                              | 1130                          | 15.64               | 1.35  |             |                    |
| 104                             | 1010                          | 14.06               | 1.50  |             |                    |
| 120                             | 880                           | 12.21               | 1.70  |             |                    |
| 134                             | 785                           | 10.93               | 1.90  | EF 77       | 4                  |
| 156                             | 675                           | 9.07                | 1.55  | EFA 77      | 4                  |
| 176                             | 600                           | 8.31                | 1.75  | EFF 77      | 4                  |
| 197                             | 535                           | 7.43                | 1.95  | EFAF77      | 4                  |
| 219                             | 480                           | 6.68                | 2.2   |             |                    |
| 252                             | 415                           | 5.80                | 2.5   |             |                    |
| 281                             | 375                           | 5.19                | 2.8   |             |                    |
| 339                             | 310                           | 4.31                | 3.3   |             |                    |
| 389                             | 270                           | 3.75                | 3.7   |             |                    |
| <b>15kW</b>                     |                               |                     |   |             |                    |
| 6.3                             | 19800                         | 230                 | 0.90  | EF 157ER97  | 4                  |
| 7.3                             | 17300                         | 201                 | 1.05  | EFA 157ER97 | 4                  |
| 7.4                             | 17100                         | 198                 | 1.05  | EFF 157ER97 | 4                  |
|                                 |                               |                     |   | EFAF157ER97 | 4                  |
| 8.0                             | 17973                         | 183.18              | 1.78  |             | 4                  |
| 9.7                             | 14748                         | 150.31              | 2.2   | EF 167      | 4                  |
| 12                              | 11999                         | 122.29              | 2.7   | EFA 167     | 4                  |
| 13                              | 10986                         | 111.97              | 2.9   | EFF 167     | 4                  |
| 15                              | 9599                          | 97.84               | 3.3   | EFAF167     | 4                  |
| 6.8                             | 20900                         | 141.80              | 0.85  |             | 6                  |
| 7.8                             | 18500                         | 125.14              | 0.95  | EF 157      | 6                  |
| 8.9                             | 16000                         | 108.49              | 1.10  | EFA 157     | 6                  |
| 10                              | 14300                         | 96.53               | 1.25  | EFF 157     | 6                  |
| 12                              | 12400                         | 84.10               | 1.45  | EFAF157     | 6                  |
| 6.7                             | 21300                         | 217.62              | 0.85  |             | 4                  |
| 8.2                             | 17500                         | 178.20              | 1.05  |             | 4                  |
| 9.0                             | 16000                         | 162.96              | 1.15  |             | 4                  |
| 10                              | 13900                         | 141.80              | 1.30  |             | 4                  |
| 12                              | 12300                         | 125.14              | 1.45  | EF 157      | 4                  |
| 13                              | 10600                         | 108.49              | 1.70  | EFA 157     | 4                  |
| 15                              | 9470                          | 96.53               | 1.90  | EFF 157     | 4                  |
| 17                              | 8250                          | 84.10               | 2.2   | EFAF157     | 4                  |
| 19                              | 7550                          | 76.91               | 2.4   |             |                    |
| 22                              | 6570                          | 66.92               | 2.7   |             |                    |
| 25                              | 5790                          | 59.06               | 3.1   |             |                    |
| 9.6                             | 15000                         | 101.29              | 0.80  |             | 6                  |
| 11                              | 13200                         | 89.38               | 0.90  | EF 127      | 6                  |
| 13                              | 11400                         | 77.19               | 1.05  | EFA 127     | 6                  |
| 14                              | 10600                         | 71.73               | 1.15  | EFF 127     | 6                  |
| 15                              | 9660                          | 65.42               | 1.25  | EFAF127     | 6                  |
| 11                              | 12600                         | 128.33              | 0.95  |             | 4                  |
| 12                              | 11500                         | 117.04              | 1.05  | EF 127      | 4                  |
| 14                              | 9940                          | 101.29              | 1.20  | EFA 127     | 4                  |
| 16                              | 8770                          | 89.38               | 1.35  | EFF 127     | 4                  |
| 19                              | 7570                          | 77.19               | 1.60  | EFAF127     | 4                  |
| 20                              | 7040                          | 71.73               | 1.70  |             |                    |
| 15                              | 9840                          | 100.32              | 0.80  |             | 4                  |
| 16                              | 9080                          | 92.57               | 0.85  |             | 4                  |
| 17                              | 8590                          | 87.57               | 0.90  |             | 4                  |
| 17                              | 8250                          | 84.08               | 0.95  |             | 4                  |
| 20                              | 7320                          | 74.60               | 1.05  | EF 107      | 4                  |
| 22                              | 6640                          | 67.69               | 1.15  | EFA 107     | 4                  |
| 25                              | 5710                          | 58.19               | 1.35  | EFF 107     | 4                  |
| 29                              | 4980                          | 50.79               | 1.55  | EFAF107     | 4                  |
| 34                              | 4230                          | 43.08               | 1.80  |             |                    |
| 39                              | 3690                          | 37.65               | 2.1   |             |                    |
| 46                              | 3120                          | 31.84               | 2.5   |             |                    |
| 44                              | 3280                          | 33.44               | 2.3   | EF 107      | 4                  |
| 54                              | 2680                          | 27.28               | 2.9   | EFA 107     | 4                  |
| 59                              | 2440                          | 24.88               | 3.2   | EFF 107     | 4                  |
| 68                              | 2110                          | 21.53               | 3.7   | EFAF107     | 4                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>15kW</b>                     |                               |                     |   |             |                    |
| 34                              | 4250                          | 43.35               | 1.00  | EF 97       | 4                  |
| 39                              | 3720                          | 37.87               | 1.15  | EFA 97      | 4                  |
| 46                              | 3110                          | 31.67               | 1.40  | EFF 97      | 4                  |
|                                 |                               |                     |   | EFAF97      | 4                  |
| 48                              | 2980                          | 30.42               | 1.45  |             | 4                  |
| 53                              | 2690                          | 27.46               | 1.60  |             | 4                  |
| 59                              | 2450                          | 24.94               | 1.75  |             | 4                  |
| 66                              | 2170                          | 22.13               | 2.0   | EF 97       | 4                  |
| 73                              | 1970                          | 20.08               | 2.2   | EFA 97      | 4                  |
| 85                              | 1690                          | 17.26               | 2.5   | EFF 97      | 4                  |
| 97                              | 1480                          | 15.07               | 2.9   | EFAF97      | 4                  |
| 114                             | 1250                          | 12.78               | 3.4   |             |                    |
| 131                             | 1100                          | 11.17               | 3.7   |             |                    |
| 57                              | 2550                          | 25.96               | 1.2   |             | 4                  |
| 61                              | 2350                          | 23.92               | 1.30  |             | 4                  |
| 68                              | 2110                          | 21.54               | 1.40  |             | 4                  |
| 75                              | 1910                          | 19.50               | 1.55  |             | 4                  |
| 84                              | 1700                          | 17.29               | 1.75  |             | 4                  |
| 93                              | 1530                          | 15.64               | 1.95  |             | 4                  |
| 110                             | 1300                          | 13.25               | 2.3   | EF 87       | 4                  |
| 126                             | 1140                          | 11.58               | 2.6   | EFA 87      | 4                  |
| 151                             | 950                           | 9.68                | 3.0   | EFF 87      | 4                  |
| 170                             | 840                           | 8.60                | 1.80  | EFAF87      | 4                  |
| 191                             | 750                           | 7.63                | 2.0   |             |                    |
| 212                             | 675                           | 6.89                | 2.3   |             |                    |
| 250                             | 575                           | 5.84                | 2.7   |             |                    |
| 286                             | 500                           | 5.10                | 3.1   |             |                    |
| 342                             | 420                           | 4.27                | 3.5   |             |                    |
| 395                             | 365                           | 3.70                | 4.0   |             |                    |
| <b>18.5kW</b>                   |                               |                     |   |             |                    |
| 7.3                             | 21200                         | 201                 | 0.85  | EF 157ER97  | 4                  |
| 7.4                             | 20900                         | 198                 | 0.85  | EFA 157ER97 | 4                  |
|                                 |                               |                     |   | EFF 157ER97 | 4                  |
|                                 |                               |                     |   | EFAF157ER97 | 4                  |
| 9.8                             | 18065                         | 150.31              | 1.77  |             | 4                  |
| 12                              | 14698                         | 122.29              | 2.2   | EF 167      | 4                  |
| 13                              | 13457                         | 111.97              | 2.4   | EFA 167     | 4                  |
| 15                              | 11759                         | 97.84               | 2.7   | EFF 167     | 4                  |
| 17                              | 10457                         | 87.01               | 3.1   | EFAF167     | 4                  |
| 8.2                             | 21400                         | 178.20              | 0.85  |             | 4                  |
| 9.0                             | 19600                         | 162.96              | 0.90  |             | 4                  |
| 10                              | 17000                         | 141.80              | 1.05  |             | 4                  |
| 12                              | 15000                         | 125.14              | 1.20  |             | 4                  |
| 14                              | 13000                         | 108.49              | 1.40  | EF 157      | 4                  |
| 15                              | 11600                         | 96.53               | 1.55  | EFA 157     | 4                  |
| 17                              | 10100                         | 84.10               | 1.80  | EFF 157     | 4                  |
| 19                              | 9240                          | 76.91               | 1.95  | EFAF157     | 4                  |
| 22                              | 8040                          | 66.92               | 2.2   |             |                    |
| 25                              | 7100                          | 59.06               | 2.5   |             |                    |
| 29                              | 6150                          | 51.20               | 2.9   |             |                    |
| 13                              | 14100                         | 117.04              | 0.85  |             | 4                  |
| 15                              | 12200                         | 101.29              | 1.00  |             | 4                  |
| 16                              | 10700                         | 89.38               | 1.10  | EF 127      | 4                  |
| 19                              | 9280                          | 77.19               | 1.30  | EFA 127     | 4                  |
| 20                              | 8620                          | 71.73               | 1.40  | EFF 127     | 4                  |
| 22                              | 7860                          | 65.42               | 1.55  | EFAF127     | 4                  |
| 26                              | 6800                          | 56.61               | 1.75  |             |                    |
| 29                              | 6000                          | 49.95               | 2.0   |             |                    |
| 20                              | 8970                          | 74.60               | 0.85  |             | 4                  |
| 22                              | 8130                          | 67.69               | 0.95  |             | 4                  |
| 25                              | 6990                          | 58.19               | 1.10  | EF 107      | 4                  |
| 29                              | 6100                          | 50.79               | 1.25  | EFA 107     | 4                  |
| 34                              | 5180                          | 43.08               | 1.50  | EFF 107     | 4                  |
| 39                              | 4520                          | 37.65               | 1.70  | EFAF107     | 4                  |
| 46                              | 3830                          | 31.84               | 2.0   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>18.5kW</b>                   |                               |                     |   |             |                    |
| 44                              | 4020                          | 33.44               | 1.85  | EF 107      | 4                  |
| 54                              | 3280                          | 27.28               | 2.4   | EFA 107     | 4                  |
| 59                              | 2990                          | 24.88               | 2.6   | EFF 107     | 4                  |
| 68                              | 2590                          | 21.53               | 3.0   | EFAF107     | 4                  |
| 39                              | 4550                          | 37.87               | 0.95  | EF 97       | 4                  |
| 46                              | 3810                          | 31.67               | 1.15  | EFA 97      | 4                  |
|                                 |                               |                     |   | EFF 97      | 4                  |
|                                 |                               |                     |   | EFAF97      | 4                  |
| 54                              | 3300                          | 27.46               | 1.30  |             | 4                  |
| 59                              | 3000                          | 24.94               | 1.45  |             | 4                  |
| 66                              | 2660                          | 22.13               | 1.60  | EF 97       | 4                  |
| 73                              | 2410                          | 20.08               | 1.80  | EFA 97      | 4                  |
| 85                              | 2070                          | 17.26               | 2.1   | EFF 97      | 4                  |
| 98                              | 1810                          | 15.07               | 2.4   | EFAF97      | 4                  |
| 115                             | 1540                          | 12.78               | 2.8   |             |                    |
| 132                             | 1340                          | 11.17               | 3.1   |             |                    |
| 68                              | 2590                          | 21.54               | 1.15  |             | 4                  |
| 75                              | 2340                          | 19.50               | 1.30  |             | 4                  |
| 85                              | 2080                          | 17.29               | 1.45  |             | 4                  |
| 94                              | 1880                          | 15.64               | 1.60  |             | 4                  |
| 111                             | 1590                          | 13.25               | 1.90  |             | 4                  |
| 127                             | 1390                          | 11.58               | 2.2   | EF 87       | 4                  |
| 152                             | 1160                          | 9.68                | 2.5   | EFA 87      | 4                  |
| 171                             | 1030                          | 8.60                | 1.50  | EFF 87      | 4                  |
| 193                             | 920                           | 7.63                | 1.65  | EFAF87      | 4                  |
| 213                             | 830                           | 6.89                | 1.85  |             |                    |
| 252                             | 700                           | 5.84                | 2.2   |             |                    |
| 288                             | 615                           | 5.10                | 2.5   |             |                    |
| 344                             | 515                           | 4.27                |   |             |                    |

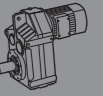
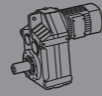


| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>22kW</b>                     |                               |                     |   |             |                    |
| 25                              | 8320                          | 58.19               | 0.90  |             |                    |
| 29                              | 7260                          | 50.79               | 1.05  | EF 107      | 4                  |
| 34                              | 6160                          | 43.08               | 1.25  | EFA 107     | 4                  |
| 39                              | 5380                          | 37.65               | 1.45  | EFF 107     | 4                  |
| 46                              | 4550                          | 31.84               | 1.70  | EFAF107     | 4                  |
| 44                              | 4780                          | 33.44               | 1.55  |             |                    |
| 54                              | 3900                          | 27.28               | 2.0   | EF 107      | 4                  |
| 59                              | 3560                          | 24.88               | 2.2   | EFA 107     | 4                  |
| 68                              | 3080                          | 21.53               | 2.5   | EFF 107     | 4                  |
| 77                              | 2720                          | 19.00               | 2.9   | EFAF107     | 4                  |
| 54                              | 3920                          | 27.46               | 1.10  |             |                    |
| 59                              | 3560                          | 24.94               | 1.20  |             |                    |
| 66                              | 3160                          | 22.13               | 1.35  | EF 97       | 4                  |
| 73                              | 2870                          | 20.08               | 1.50  | EFA 97      | 4                  |
| 85                              | 2470                          | 17.26               | 1.75  | EFF 97      | 4                  |
| 98                              | 2150                          | 15.07               | 2.0   | EFAF97      | 4                  |
| 115                             | 1830                          | 12.78               | 2.4   |             |                    |
| 132                             | 1600                          | 11.17               | 2.6   |             |                    |
| 68                              | 3080                          | 21.54               | 0.95  |             |                    |
| 75                              | 2790                          | 19.50               | 1.10  |             |                    |
| 85                              | 2470                          | 17.29               | 1.20  |             |                    |
| 94                              | 2240                          | 15.64               | 1.35  |             |                    |
| 111                             | 1890                          | 13.25               | 1.60  |             |                    |
| 127                             | 1650                          | 11.58               | 1.80  | EF 87       | 4                  |
| 152                             | 1380                          | 9.68                | 2.1   | EFA 87      | 4                  |
| 171                             | 1230                          | 8.60                | 1.25  | EFF 87      | 4                  |
| 193                             | 1090                          | 7.63                | 1.40  | EFAF87      | 4                  |
| 213                             | 980                           | 6.89                | 1.55  |             |                    |
| 252                             | 830                           | 5.84                | 1.85  |             |                    |
| 288                             | 730                           | 5.10                | 2.1   |             |                    |
| 344                             | 610                           | 4.27                | 2.4   |             |                    |
| 397                             | 530                           | 3.70                | 2.8   |             |                    |
| <b>30kW</b>                     |                               |                     |   |             |                    |
| 12                              | 23835                         | 122.29              | 1.34  |             |                    |
| 13                              | 21823                         | 111.97              | 1.47  |             |                    |
| 15                              | 19068                         | 97.84               | 1.68  | EF 167      | 4                  |
| 17                              | 16958                         | 87.01               | 1.89  | EFA 167     | 4                  |
| 19                              | 14774                         | 75.80               | 2.2   | EFF 167     | 4                  |
| 22                              | 13181                         | 67.63               | 2.4   | EFAF167     | 4                  |
| 26                              | 11235                         | 57.65               | 2.8   |             |                    |
| 29                              | 9967                          | 51.14               | 3.2   |             |                    |
| 14                              | 21000                         | 108.49              | 0.85  |             |                    |
| 15                              | 18700                         | 96.53               | 0.95  |             |                    |
| 18                              | 16300                         | 84.10               | 1.10  |             |                    |
| 19                              | 14900                         | 76.91               | 1.20  | EF 157      | 4                  |
| 22                              | 13000                         | 66.92               | 1.40  | EFA 157     | 4                  |
| 25                              | 11400                         | 59.06               | 1.55  | EFF 157     | 4                  |
| 29                              | 9910                          | 51.20               | 1.80  | EFAF157     | 4                  |
| 32                              | 8820                          | 45.55               | 2.0   |             |                    |
| 38                              | 7480                          | 38.65               | 2.4   |             |                    |
| 19                              | 14900                         | 77.19               | 0.80  |             |                    |
| 21                              | 13900                         | 71.73               | 0.85  |             |                    |
| 23                              | 12700                         | 65.42               | 0.95  |             |                    |
| 26                              | 11000                         | 56.61               | 1.10  | EF 127      | 4                  |
| 30                              | 9670                          | 49.95               | 1.25  | EFA 127     | 4                  |
| 34                              | 8350                          | 43.14               | 1.45  | EFF 127     | 4                  |
| 39                              | 7390                          | 38.16               | 1.60  | EFAF127     | 4                  |
| 46                              | 6210                          | 32.07               | 1.95  |             |                    |
| 57                              | 5010                          | 25.90               | 2.4   |             |                    |
| 54                              | 5320                          | 27.50               | 1.60  | EF 127      | 4                  |
| 59                              | 4870                          | 25.15               | 1.75  | EFA 127     | 4                  |
| 68                              | 4240                          | 21.88               | 2.8   | EFF 127     | 4                  |
| 77                              | 3740                          | 19.31               | 2.9   | EFAF127     | 4                  |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>30kW</b>                     |                               |                     |   |             |                    |
| 34                              | 8340                          | 43.08               | 0.90  | EF 107      | 4                  |
| 39                              | 7290                          | 37.65               | 1.05  | EFA 107     | 4                  |
| 46                              | 6160                          | 31.84               | 1.25  | EFF 107     | 4                  |
|                                 |                               |                     |   | EFAF107     | 4                  |
| 54                              | 5280                          | 27.28               | 1.50  |             |                    |
| 59                              | 4820                          | 24.88               | 1.65  |             |                    |
| 69                              | 4170                          | 21.53               | 1.90  | EF 107      | 4                  |
| 78                              | 3680                          | 19.00               | 2.1   | EFA 107     | 4                  |
| 90                              | 3180                          | 16.41               | 2.5   | EFF 107     | 4                  |
| 102                             | 2810                          | 14.51               | 2.7   | EFAF107     | 4                  |
| 121                             | 2360                          | 12.20               | 3.0   |             |                    |
| 150                             | 1910                          | 9.85                | 3.4   |             |                    |
| 67                              | 4280                          | 22.13               | 1.00  |             |                    |
| 74                              | 3890                          | 20.08               | 1.10  |             |                    |
| 86                              | 3340                          | 17.26               | 1.30  |             |                    |
| 98                              | 2920                          | 15.07               | 1.45  |             |                    |
| 116                             | 2470                          | 12.78               | 1.75  | EF 97       | 4                  |
| 132                             | 2160                          | 11.17               | 1.90  | EFA 97      | 4                  |
| 166                             | 1720                          | 8.90                | 1.35  | EFF 97      | 4                  |
| 183                             | 1560                          | 8.08                | 1.50  | EFAF97      | 4                  |
| 213                             | 1340                          | 6.94                | 1.75  |             |                    |
| 244                             | 1170                          | 6.06                | 1.90  |             |                    |
| 288                             | 990                           | 5.14                | 2.2   |             |                    |
| 330                             | 870                           | 4.49                | 2.4   |             |                    |
| 389                             | 735                           | 3.80                | 2.4   |             |                    |
| <b>37kW</b>                     |                               |                     |   |             |                    |
| 12                              | 29198                         | 122.29              | 1.10  |             |                    |
| 13                              | 26733                         | 111.97              | 1.20  |             |                    |
| 15                              | 23358                         | 97.84               | 1.37  |             |                    |
| 17                              | 20773                         | 87.01               | 1.54  | EF 167      | 4                  |
| 20                              | 18098                         | 75.80               | 1.77  | EFA 167     | 4                  |
| 22                              | 16147                         | 67.63               | 1.98  | EFF 167     | 4                  |
| 26                              | 13763                         | 57.65               | 2.3   | EFAF167     | 4                  |
| 29                              | 12210                         | 51.14               | 2.6   |             |                    |
| 31                              | 11404                         | 47.76               | 2.8   |             |                    |
| 33                              | 10637                         | 44.55               | 3.0   |             |                    |
| 18                              | 20100                         | 84.10               | 0.90  |             |                    |
| 19                              | 18400                         | 76.91               | 1.00  |             |                    |
| 22                              | 16000                         | 66.92               | 1.15  |             |                    |
| 25                              | 14100                         | 59.06               | 1.30  | EF 157      | 4                  |
| 29                              | 12200                         | 51.20               | 1.45  | EFA 157     | 4                  |
| 32                              | 10900                         | 45.55               | 1.65  | EFF 157     | 4                  |
| 38                              | 9230                          | 38.65               | 1.95  | EFAF157     | 4                  |
| 46                              | 7620                          | 31.90               | 2.4   |             |                    |
| 55                              | 6460                          | 27.06               | 2.8   |             |                    |
| 26                              | 13500                         | 56.61               | 0.90  |             |                    |
| 30                              | 11900                         | 49.95               | 1.00  | EF 127      | 4                  |
| 34                              | 10300                         | 43.14               | 1.15  | EFA 127     | 4                  |
| 39                              | 9110                          | 38.16               | 1.30  | EFF 127     | 4                  |
| 46                              | 7660                          | 32.07               | 1.55  | EFAF127     | 4                  |
| 57                              | 6180                          | 25.90               | 1.95  |             |                    |
| 54                              | 6560                          | 27.50               | 1.30  |             |                    |
| 59                              | 6000                          | 25.15               | 1.40  |             |                    |
| 68                              | 5220                          | 21.88               | 2.3   |             |                    |
| 77                              | 4610                          | 19.31               | 2.4   |             |                    |
| 88                              | 4000                          | 16.74               | 2.8   | EF 127      | 4                  |
| 99                              | 3560                          | 14.90               | 3.1   | EFA 127     | 4                  |
| 117                             | 3020                          | 12.64               | 3.3   | EFF 127     | 4                  |
| 142                             | 2490                          | 10.43               | 3.8   | EFAF127     | 4                  |
| 157                             | 2250                          | 9.44                | 3.1   |             |                    |
| 176                             | 2000                          | 8.39                | 3.0   |             |                    |
| 208                             | 1700                          | 7.12                | 4.1   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>37kW</b>                     |                               |                     |   |             |                    |
| 54                              | 6510                          | 27.28               | 1.20  |             |                    |
| 59                              | 5940                          | 24.88               | 1.30  |             |                    |
| 69                              | 5140                          | 21.53               | 1.55  |             |                    |
| 78                              | 4540                          | 19.00               | 1.75  |             |                    |
| 90                              | 3920                          | 16.41               | 2.0   |             |                    |
| 102                             | 3460                          | 14.51               | 2.2   | EF 107      | 4                  |
| 121                             | 2910                          | 12.20               | 2.4   | EFA 107     | 4                  |
| 150                             | 2350                          | 9.85                | 2.8   | EFF 107     | 4                  |
| 156                             | 2260                          | 9.47                | 2.2   | EFAF107     | 4                  |
| 181                             | 1950                          | 8.18                | 2.5   |             |                    |
| 204                             | 1730                          | 7.24                | 2.7   |             |                    |
| 243                             | 1450                          | 6.08                | 3.2   |             |                    |
| 301                             | 1170                          | 4.91                | 3.9   |             |                    |
| <b>45kW</b>                     |                               |                     |   |             |                    |
| 12                              | 35511                         | 122.29              | 0.90  |             |                    |
| 13                              | 32513                         | 111.97              | 0.98  |             |                    |
| 15                              | 28409                         | 97.84               | 1.13  |             |                    |
| 17                              | 25265                         | 87.01               | 1.27  | EF 167      | 4                  |
| 20                              | 22011                         | 75.80               | 1.45  | EFA 167     | 4                  |
| 22                              | 19639                         | 67.63               | 1.63  | EFF 167     | 4                  |
| 26                              | 16739                         | 57.65               | 1.91  | EFAF167     | 4                  |
| 29                              | 14850                         | 51.14               | 2.2   |             |                    |
| 31                              | 13870                         | 47.76               | 2.3   |             |                    |
| 33                              | 12937                         | 44.55               | 2.5   |             |                    |
| 22                              | 19400                         | 66.92               | 0.95  |             |                    |
| 25                              | 17100                         | 59.06               | 1.05  |             |                    |
| 29                              | 14900                         | 51.20               | 1.20  | EF 157      | 4                  |
| 32                              | 13200                         | 45.55               | 1.35  | EFA 157     | 4                  |
| 38                              | 11200                         | 38.65               | 1.60  | EFF 157     | 4                  |
| 46                              | 9260                          | 31.90               | 1.95  | EFAF157     | 4                  |
| 55                              | 7860                          | 27.06               | 2.3   |             |                    |
| 30                              | 14500                         | 49.95               | 0.85  |             |                    |
| 34                              | 12500                         | 43.14               | 0.95  | EF 127      | 4                  |
| 39                              | 11100                         | 38.16               | 1.10  | EFA 127     | 4                  |
| 46                              | 9310                          | 32.07               | 1.30  | EFF 127     | 4                  |
| 57                              | 7520                          | 25.90               | 1.60  | EFAF127     | 4                  |
| 54                              | 7980                          | 27.50               | 1.05  |             |                    |
| 59                              | 7300                          | 25.15               | 1.15  |             |                    |
| 68                              | 6350                          | 21.88               | 1.90  |             |                    |
| 77                              | 5610                          | 19.31               | 1.95  |             |                    |
| 88                              | 4860                          | 16.74               | 2.3   |             |                    |
| 99                              | 4330                          | 14.90               | 2.5   | EF 127      | 4                  |
| 117                             | 3670                          | 12.64               | 2.7   | EFA 127     | 4                  |
| 142                             | 3030                          | 10.43               | 3.1   | EFF 127     | 4                  |
| 157                             | 2740                          | 9.44                | 2.6   | EFAF127     | 4                  |
| 176                             | 2440                          | 8.39                | 2.5   |             |                    |
| 208                             | 2070                          | 7.12                | 3.4   |             |                    |
| 252                             | 1710                          | 5.88                | 3.5   |             |                    |
| 297                             | 1450                          | 4.99                | 4.1   |             |                    |
| 54                              | 7920                          | 27.28               | 1.00  |             |                    |
| 59                              | 7220                          | 24.88               | 1.10  |             |                    |
| 69                              | 6250                          | 21.53               | 1.25  |             |                    |
| 78                              | 5520                          | 19.00               | 1.40  |             |                    |
| 90                              | 4760                          | 16.41               | 1.65  |             |                    |
| 102                             | 4210                          | 14.51               | 1.80  | EF 107      | 4                  |
| 121                             | 3540                          | 12.20               | 2.0   | EFA 107     | 4                  |
| 150                             | 2860                          | 9.85                | 2.3   | EFF 107     | 4                  |
| 156                             | 2750                          | 9.47                | 1.80  | EFAF107     | 4                  |
| 181                             | 2370                          | 8.18                | 2.0   |             |                    |
| 204                             | 2100                          | 7.24                | 2.2   |             |                    |
| 243                             | 1770                          | 6.08                | 2.6   |             |                    |
| 301                             | 1430                          | 4.91                | 3.2   |             |                    |

| 输出转速<br>Output speed<br>[r/min] | 输出转矩<br>Output torque<br>[Nm] | 传动比<br>Ratio<br>(i) | 使用系数<br>Service factor<br>(f <sub>s</sub> ) | 机型号<br>Type | 电机极数<br>Motor pole |
|---------------------------------|-------------------------------|---------------------|---|-------------|--------------------|
| <b>55kW</b>                     |                               |                     |   |             |                    |
| 15                              | 34722                         | 97.84               | 0.92  |             |                    |
| 17                              | 30879                         | 87.01               | 1.04  |             |                    |
| 20                              | 26902                         | 75.80               | 1.19  |             |                    |
| 22                              | 24003                         | 67.63               | 1.33  |             |                    |
| 26                              | 20459                         | 57.65               | 1.56  | EF 167      | 4                  |
| 29                              | 18149                         | 51.14               | 1.76  | EFA 167     | 4                  |
| 31                              | 16952                         | 47.76               | 1.89  | EFF 167     | 4                  |
| 33                              | 15812                         | 44.55               | 2.0   | EFAF167     | 4                  |
| 37                              | 14108                         | 39.75               | 2.3   |             |                    |
| 44                              | 12025                         | 33.88               | 2.7   |             |                    |
| 53                              | 9964                          | 28.07               | 3.2   |             |                    |
| 25                              | 21000                         | 59.06               | 0.85  |             |                    |
| 29                              | 18200                         | 51.20               | 1.00  | EF 157      | 4                  |
| 32                              | 16200                         | 45.55               | 1.10  | EFA 157     | 4                  |
| 38                              | 13700                         | 38.65               | 1.30  | EFF 157     | 4                  |
| 46                              | 11300                         | 31.90               | 1.60  | EFAF157     | 4                  |
| 55                              | 9600                          | 27.06               | 1.85  |             |                    |
| 52                              | 10100                         | 28.60               | 1.70  |             |                    |
| 58                              | 9020                          | 25.43               | 1.65  | EF 157      | 4                  |
| 67                              | 7860                          | 22.16               | 2.3   | EFA 157     | 4                  |
| 75                              | 7020                          | 19.77               | 2.4   | EFF 157     | 4                  |
| 88                              | 5980                          | 16.85               | 3.0   | EFAF157     | 4                  |
| 39                              | 13500                         | 38.16               | 0.90  | EF 127      | 4                  |
| 46                              | 11400                         | 32.07               | 1.05  | EFA 127     | 4                  |
| 57                              | 9190                          | 25.90               | 1.30  | EFF 127     | 4                  |
|                                 |                               |                     |   | EFAF127     | 4                  |
| 68                              | 7760                          | 21.88               | 1.55  |             |                    |
| 77                              | 6850                          | 19.31               | 1.60  |             |                    |
| 88                              | 5940                          | 16.74               | 1.85  |             |                    |
| 99                              | 5290                          | 14.90               | 2.1   |             |                    |
| 117                             | 4490                          | 12.64               | 2.2   | EF 127      | 4                  |
| 142                             | 3700                          | 10.43               | 2.6   | EFA 127     | 4                  |
| 157                             | 3350                          | 9.44                | 2.1   | EFF 127     | 4                  |
| 176                             | 2980                          | 8.39                | 2.0   | EFAF127     | 4                  |
| 208                             | 2530                          | 7.12                | 2.8   |             |                    |
| 252                             | 2090                          | 5.88                | 2.9   |             |                    |

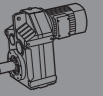
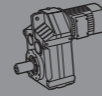


| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>75kW</b>          |                       |              |                        |             |                    |
| 68                   | 10600                 | 21.88        | 1.15                   |             |                    |
| 77                   | 9340                  | 19.31        | 1.20                   |             |                    |
| 88                   | 8100                  | 16.74        | 1.35                   |             |                    |
| 99                   | 7210                  | 14.90        | 1.55                   |             |                    |
| 117                  | 6120                  | 12.64        | 1.65                   | EF 127      | 4                  |
| 142                  | 5050                  | 10.43        | 1.90                   | EFA 127     | 4                  |
| 157                  | 4570                  | 9.44         | 1.55                   | EFF 127     | 4                  |
| 176                  | 4060                  | 8.39         | 1.50                   | EFAF127     | 4                  |
| 208                  | 3450                  | 7.12         | 2.0                    |             |                    |
| 252                  | 2850                  | 5.88         | 2.1                    |             |                    |
| 297                  | 2410                  | 4.99         | 2.5                    |             |                    |
| <b>90kW</b>          |                       |              |                        |             |                    |
| 26                   | 33365                 | 57.65        | 0.96                   |             |                    |
| 29                   | 29599                 | 51.14        | 1.08                   |             |                    |
| 31                   | 27646                 | 47.76        | 1.16                   | EF 167      | 4                  |
| 33                   | 25787                 | 44.55        | 1.24                   | EFA 167     | 4                  |
| 37                   | 23008                 | 39.75        | 1.39                   | EFF 167     | 4                  |
| 44                   | 19611                 | 33.88        | 1.63                   | EFAF167     | 4                  |
| 53                   | 16249                 | 28.07        | 1.97                   |             |                    |
| 62                   | 13868                 | 23.96        | 2.3                    |             |                    |
| 63                   | 13632                 | 23.55        | 2.3                    | EF 167      | 4                  |
| 70                   | 12227                 | 21.13        | 2.6                    | EFA 167     | 4                  |
| 81                   | 10616                 | 18.34        | 3.0                    | EFF 167     | 4                  |
| 89                   | 9632                  | 16.64        | 3.3                    | EFAF167     | 4                  |
| 47                   | 18500                 | 31.90        | 1.00                   | EF 157      | 4                  |
| 55                   | 15700                 | 27.06        | 1.15                   | EFA 157     | 4                  |
|                      |                       |              |                        | EFF 157     | 4                  |
|                      |                       |              |                        | EFAF157     | 4                  |
| 67                   | 12800                 | 22.16        | 1.40                   |             |                    |
| 75                   | 11400                 | 19.77        | 1.50                   | EF 157      | 4                  |
| 88                   | 9750                  | 16.85        | 1.85                   | EFA 157     | 4                  |
| 106                  | 8080                  | 13.96        | 2.1                    | EFF 157     | 4                  |
| 125                  | 6900                  | 11.92        | 2.3                    | EFAF157     | 4                  |
| 57                   | 15000                 | 25.90        | 0.80                   | EF 127      | 4                  |
|                      |                       |              |                        | EFA 127     | 4                  |
|                      |                       |              |                        | EFF 127     | 4                  |
|                      |                       |              |                        | EFAF127     | 4                  |
| 89                   | 9690                  | 16.74        | 1.15                   |             |                    |
| 100                  | 8620                  | 14.90        | 1.30                   |             |                    |
| 117                  | 7320                  | 12.64        | 1.35                   |             |                    |
| 142                  | 6040                  | 10.43        | 1.55                   | EF 127      | 4                  |
| 157                  | 5460                  | 9.44         | 1.30                   | EFA 127     | 4                  |
| 177                  | 4860                  | 8.39         | 1.25                   | EFF 127     | 4                  |
| 209                  | 4120                  | 7.12         | 1.70                   | EFAF127     | 4                  |
| 253                  | 3400                  | 5.88         | 1.75                   |             |                    |
| 298                  | 2890                  | 4.99         | 2.1                    |             |                    |
| <b>110kW</b>         |                       |              |                        |             |                    |
| 31                   | 33789                 | 47.76        | 0.95                   |             |                    |
| 33                   | 31518                 | 44.55        | 1.02                   | EF 167      | 4                  |
| 37                   | 28121                 | 39.75        | 1.14                   | EFA 167     | 4                  |
| 44                   | 23969                 | 33.88        | 1.34                   | EFF 167     | 4                  |
| 53                   | 19860                 | 28.07        | 1.61                   | EFAF167     | 4                  |
| 62                   | 16949                 | 23.96        | 1.89                   |             |                    |
| 81                   | 12975                 | 18.34        | 2.5                    | EF 167      | 4                  |
| 89                   | 11773                 | 16.64        | 2.7                    | EFA 167     | 4                  |
| 104                  | 10141                 | 14.34        | 3.2                    | EFF 167     | 4                  |
| 123                  | 8523                  | 12.05        | 3.8                    | EFAF167     | 4                  |
| 55                   | 19100                 | 27.06        | 0.95                   | EF 157      | 4                  |
|                      |                       |              |                        | EFA 157     | 4                  |
|                      |                       |              |                        | EFF 157     | 4                  |
|                      |                       |              |                        | EFAF157     | 4                  |

| 输出转速<br>Output speed | 输出转矩<br>Output torque | 传动比<br>Ratio | 使用系数<br>Service factor | 机型号<br>Type | 电机极数<br>Motor pole |
|----------------------|-----------------------|--------------|------------------------|-------------|--------------------|
| [r/min]              | [Nm]                  | (i)          | (f <sub>s</sub> )      |             |                    |
| <b>110kW</b>         |                       |              |                        |             |                    |
| 67                   | 15700                 | 22.16        | 1.15                   |             |                    |
| 75                   | 14000                 | 19.77        | 1.20                   | EF 157      | 4                  |
| 88                   | 11900                 | 16.85        | 1.50                   | EFA 157     | 4                  |
| 106                  | 9870                  | 13.96        | 1.70                   | EFF 157     | 4                  |
| 125                  | 8430                  | 11.92        | 1.90                   | EFAF157     | 4                  |
| <b>132kW</b>         |                       |              |                        |             |                    |
| 37                   | 33745                 | 39.75        | 0.95                   | EF 167      | 4                  |
| 44                   | 28763                 | 33.88        | 1.11                   | EFA 167     | 4                  |
| 53                   | 23832                 | 28.07        | 1.34                   | EFF 167     | 4                  |
| 62                   | 20339                 | 23.96        | 1.57                   | EFAF167     | 4                  |
| 81                   | 15571                 | 18.34        | 2.1                    | EF 167      | 4                  |
| 89                   | 14127                 | 16.64        | 2.3                    | EFA 167     | 4                  |
| 104                  | 12169                 | 14.34        | 2.6                    | EFF 167     | 4                  |
| 123                  | 10227                 | 12.05        | 3.1                    | EFAF167     | 4                  |
| 142                  | 8855                  | 10.43        | 3.6                    |             |                    |
| 67                   | 18800                 | 22.16        | 0.95                   |             |                    |
| 75                   | 16800                 | 19.77        | 1.00                   | EF 157      | 4                  |
| 88                   | 14300                 | 16.85        | 1.25                   | EFA 157     | 4                  |
| 106                  | 11800                 | 13.96        | 1.45                   | EFF 157     | 4                  |
| 125                  | 10100                 | 11.92        | 1.60                   | EFAF157     | 4                  |
| <b>160kW</b>         |                       |              |                        |             |                    |
| 44                   | 34864                 | 33.88        | 0.92                   | EF 167      | 4                  |
| 53                   | 28887                 | 28.07        | 1.11                   | EFA 167     | 4                  |
| 62                   | 24654                 | 23.96        | 1.30                   | EFF 167     | 4                  |
|                      |                       |              |                        | EFAF167     | 4                  |
| 81                   | 18873                 | 18.34        | 1.70                   |             |                    |
| 89                   | 17124                 | 16.64        | 1.87                   |             |                    |
| 104                  | 14751                 | 14.34        | 2.2                    | EF 167      | 4                  |
| 123                  | 12397                 | 12.05        | 2.6                    | EFA 167     | 4                  |
| 142                  | 10733                 | 10.43        | 3.0                    | EFF 167     | 4                  |
| 171                  | 8945                  | 8.69         | 3.6                    | EFAF167     | 4                  |
| 200                  | 7626                  | 7.41         | 4.2                    |             |                    |
| 88                   | 17300                 | 16.85        | 1.05                   | EF 157      | 4                  |
| 106                  | 14400                 | 13.96        | 1.20                   | EFA 157     | 4                  |
| 125                  | 12300                 | 11.92        | 1.30                   | EFF 157     | 4                  |
|                      |                       |              |                        | EFAF157     | 4                  |
| <b>200kW</b>         |                       |              |                        |             |                    |
| 53                   | 36109                 | 28.07        | 0.89                   | EF 167      | 4                  |
| 62                   | 30817                 | 23.96        | 1.04                   | EFA 167     | 4                  |
|                      |                       |              |                        | EFF 167     | 4                  |
|                      |                       |              |                        | EFAF167     | 4                  |
| 81                   | 23592                 | 18.34        | 1.36                   |             |                    |
| 89                   | 21405                 | 16.64        | 1.49                   |             |                    |
| 104                  | 18438                 | 14.34        | 1.74                   | EF 167      | 4                  |
| 123                  | 15496                 | 12.05        | 2.1                    | EFA 167     | 4                  |
| 142                  | 13417                 | 10.43        | 2.4                    | EFF 167     | 4                  |
| 171                  | 11181                 | 8.69         | 2.9                    | EFAF167     | 4                  |
| 200                  | 9533                  | 7.41         | 3.4                    |             |                    |
| 88                   | 21700                 | 16.85        | 0.85                   | EF 157      | 4                  |
| 106                  | 18000                 | 13.96        | 0.95                   | EFA 157     | 4                  |
| 125                  | 15300                 | 11.92        | 1.05                   | EFF 157     | 4                  |
|                      |                       |              |                        | EFAF157     | 4                  |

EF系列恒扭矩选型参数表  
Constant torque model selection parameter form of EF series

| 输出转速<br>Output speed | 传动比<br>Ratio | 机型号<br>Type | 电机功率<br>Power | 输出转速<br>Output speed | 传动比<br>Ratio | 机型号<br>Type   | 电机功率<br>Power |              |      |       |   |      |
|----------------------|--------------|-------------|---------------|----------------------|--------------|---|---------------|--------------|------|-------|---|------|
| [r/min]              | (i)          |             | [kW]/4P       | [r/min]              | (i)          |   | [kW]/4P       |              |      |       |   |      |
| <b>200Nm</b>         |              |             |               | <b>400Nm</b>         |              |   |               |              |      |       |   |      |
| 0.17                 | 8193         |             | 0.12          | 2.7                  | 518          | EF 47ER17<br>EFA 47ER17<br>EFF 47ER17<br>EFAF47ER17 | 0.18          |              |      |       |   |      |
| 0.20                 | 6909         |             |               | 2.8                  | 493          |   |               |              |      |       |   |      |
| 0.21                 | 6760         |             |               | 3.2                  | 429          |   |               |              |      |       |   |      |
| 0.24                 | 5756         |             |               | 3.6                  | 383          |   |               |              |      |       |   |      |
| 0.28                 | 4962         |             |               | 4.1                  | 335          |   |               |              |      |       |   |      |
| 0.32                 | 4336         |             |               | 4.7                  | 295          |   |               |              |      |       |   |      |
| 0.36                 | 3875         |             |               | 5.5                  | 251          |   |               |              |      |       |   |      |
| 0.41                 | 3392         |             |               | 6.3                  | 219          |   |               |              |      |       |   |      |
| 0.47                 | 2965         |             |               | 7.4                  | 188          |   |               |              |      |       |   |      |
| 0.54                 | 2587         |             |               | 7.8                  | 179          |   |               |              |      |       |   |      |
| 0.61                 | 2284         |             |               | 9.3                  | 149          |   |               |              |      |       |   |      |
| 0.70                 | 1996         |             |               | 11                   | 131          |   |               |              |      |       |   |      |
| 0.72                 | 1929         | EF 37ER17   |               | 0.12                 |              |   |               | 0.12         |      |       |   |      |
| 0.83                 | 1679         | EFA 37ER17  |               |                      |              |   |               |              |      |       |   |      |
| 0.90                 | 1550         | EFF 37ER17  |               |                      |              |   |               |              |      |       |   |      |
| 1.0                  | 1356         | EFAF37ER17  |               |                      |              |   |               |              |      |       |   |      |
| 1.2                  | 1180         |             |               |                      |              |   |               |              |      |       |   |      |
| 1.3                  | 1036         |             |               |                      |              |   |               |              |      |       |   |      |
| 1.5                  | 914          |             |               |                      |              |   |               |              |      |       |   |      |
| 1.7                  | 808          |             |               |                      |              |   |               |              |      |       |   |      |
| 2.0                  | 698          |             |               |                      |              |   |               |              |      |       |   |      |
| 2.3                  | 616          |             |               |                      |              |   |               |              |      |       |   |      |
| 2.6                  | 544          |             |               |                      |              |   |               |              |      |       |   |      |
| 3.0                  | 466          |             |               |                      |              |   |               |              |      |       |   |      |
| 3.4                  | 411          |             |               |                      |              |   |               |              |      |       |   |      |
| 3.8                  | 364          |             |               |                      |              |   |               |              |      |       |   |      |
| 4.3                  | 326          |             | 0.12          |                      |              |   |               |              |      |       |   |      |
| 4.9                  | 285          |             | 0.18          |                      |              |   |               |              |      |       |   |      |
| 5.6                  | 250          |             |               |                      |              |   |               |              |      |       |   |      |
| 6.3                  | 219          |             |               |                      |              |   |               |              |      |       |   |      |
| 7.5                  | 186          |             |               |                      |              |   |               |              |      |       |   |      |
| 8.3                  | 167          |             |               |                      |              |   |               |              |      |       |   |      |
| 9.6                  | 145          |             | 0.25          |                      |              |   |               |              |      |       |   |      |
| 11                   | 129          |             |               |                      |              |   |               |              |      |       |   |      |
| <b>400Nm</b>         |              |             |               |                      |              |   |               | <b>600Nm</b> |      |       |   |      |
| 0.11                 | 12637        |             |               |                      |              |   |               | 0.12         | 0.09 | 14831 | EF 57ER37<br>EFA 57ER37<br>EFF 57ER37<br>EFAF57ER37 | 0.12 |
| 0.14                 | 10296        |             |               |                      |              |   |               |              | 0.10 | 13604 |   |      |
| 0.14                 | 9651         |             | 0.11          | 12601                |              |   |               |              |      |       |   |      |
| 0.16                 | 8517         |             | 0.12          | 11251                |              |   |               |              |      |       |   |      |
| 0.18                 | 7550         |             | 0.14          | 9986                 |              |   |               |              |      |       |   |      |
| 0.21                 | 6562         |             | 0.16          | 8786                 |              |   |               |              |      |       |   |      |
| 0.24                 | 5734         |             | 0.18          | 7908                 |              |   |               |              |      |       |   |      |
| 0.27                 | 5084         |             | 0.20          | 6913                 |              |   |               |              |      |       |   |      |
| 0.31                 | 4418         |             | 0.23          | 6102                 |              |   |               |              |      |       |   |      |
| 0.36                 | 3910         |             | 0.26          | 5289                 |              |   |               |              |      |       |   |      |
| 0.40                 | 3445         |             | 0.30          | 4654                 |              |   |               |              |      |       |   |      |
| 0.47                 | 2946         |             | 0.34          | 4039                 |              |   |               |              |      |       |   |      |
| 0.53                 | 2599         |             | 0.39          | 3565                 |              |   |               |              |      |       |   |      |
| 0.59                 | 2371         |             | 0.44          | 3160                 |              |   |               |              |      |       |   |      |
| 0.62                 | 2226         | EF 47ER17   | 0.12          | 0.49                 | 2854         | 0.18  |               |              |      |       |   |      |
| 0.68                 | 2044         | EFA 47ER17  |               | 0.54                 | 2576         |   |               |              |      |       |   |      |
| 0.78                 | 1789         | EFF 47ER17  |               | 0.61                 | 2266         |   |               |              |      |       |   |      |
| 0.89                 | 1561         | EFAF47ER17  |               | 0.69                 | 2012         |   |               |              |      |       |   |      |
| 1.0                  | 1378         |             |               | 0.78                 | 1791         |   |               |              |      |       |   |      |
| 1.2                  | 1178         |             |               | 0.86                 | 1617         |   |               |              |      |       |   |      |
| 1.3                  | 1063         |             |               | 0.98                 | 1423         |   |               |              |      |       |   |      |
| 1.5                  | 928          |             |               | 1.1                  | 1244         |   |               |              |      |       |   |      |
| 1.7                  | 822          |             |               | 1.3                  | 1066         |   |               |              |      |       |   |      |
| 2.0                  | 699          |             |               | 1.5                  | 949          |   |               |              |      |       |   |      |
| 2.2                  | 622          |             |               | 1.6                  | 856          |   |               |              |      |       |   |      |
|                      |              |             |               | 1.9                  | 749          |   | 0.25          |              |      |       |   |      |
|                      |              |             |               | 2.1                  | 659          |   |               |              |      |       |   |      |
|                      |              |             |               | 2.5                  | 549          |   |               |              |      |       |   |      |
|                      |              |             |               | 2.9                  | 483          | 0.25  |               |              |      |       |   |      |
|                      |              |             |               | 3.3                  | 426          |   |               |              |      |       |   |      |
|                      |              |             |               | 3.6                  | 382          |   |               |              |      |       |   |      |
|                      |              |             |               | 4.2                  | 330          | 0.37  |               |              |      |       |   |      |
|                      |              |             |               | 4.7                  | 298          |   |               |              |      |       |   |      |
|                      |              |             |               | 5.3                  | 262          |   |               |              |      |       |   |      |
|                      |              |             |               | 6.2                  | 226          | 0.55  |               |              |      |       |   |      |
|                      |              |             |               | 7.0                  | 200          |   |               |              |      |       |   |      |
|                      |              |             |               | 8.2                  | 170          |   |               |              |      |       |   |      |
|                      |              |             |               | 9.1                  | 152          | 0.75  |               |              |      |       |   |      |
|                      |              |             |               | 10                   | 134          |   |               |              |      |       |   |      |

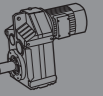
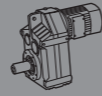


| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type   | 电机功率<br>Power<br>(kW)/4P |   |      |
|---------------------------------|---------------------|---|--------------------------|---|------|
| <b>820Nm</b>                    |                     |   |                          |   |      |
| 0.07                            | 19207               | EF 67ER37<br>EFA 67ER37<br>EFF 67ER37<br>EFAF67ER37     | 0.12                     |   |      |
| 0.08                            | 17618               |   |                          |   |      |
| 0.09                            | 15000               |   |                          |   |      |
| 0.11                            | 12933               |   |                          |   |      |
| 0.12                            | 11486               |   |                          |   |      |
| 0.14                            | 10224               |   |                          |   |      |
| 0.16                            | 8937                |   |                          |   |      |
| 0.17                            | 7945                |   |                          |   |      |
| 0.20                            | 7099                |   |                          |   |      |
| 0.23                            | 6083                |   |                          |   |      |
| 0.26                            | 5352                |   |                          |   |      |
| 0.30                            | 4667                |   |                          |   |      |
| 0.34                            | 4093                |   |                          |   |      |
| 0.39                            | 3574                |   |                          |   |      |
| 0.44                            | 3134                |   |                          |   |      |
| 0.50                            | 2757                |   |                          |   |      |
| 0.56                            | 2472                |   |                          |   |      |
| 0.42                            | 3317                | EF 77ER37<br>EFA 77ER37<br>EFF 77ER37<br>EFAF77ER37     | 0.12                     |   |      |
| 0.46                            | 3011                |   |                          |   |      |
| 0.52                            | 2669                |   |                          |   |      |
| 0.59                            | 2351                |   |                          |   |      |
| 0.65                            | 2130                |   |                          |   |      |
| 0.76                            | 1829                |   |                          |   |      |
| 0.87                            | 1605                |   |                          |   |      |
| 0.95                            | 1464                |   |                          |   |      |
| 1.1                             | 1252                |   |                          |   |      |
| 1.2                             | 1128                |   |                          |   |      |
| 1.4                             | 969                 |   |                          |   |      |
| 1.6                             | 859                 |   |                          |   |      |
| 1.9                             | 727                 | EF 87ER57<br>EFA 87ER57<br>EFF 87ER57<br>EFAF87ER57     | 0.12                     |   |      |
| 2.2                             | 639                 |   |                          |   |      |
| 2.6                             | 539                 |   |                          |   |      |
| 0.74                            | 1885                |   |                          |   |      |
| 2.8                             | 497                 |   |                          |   |      |
| 3.1                             | 449                 | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12                     |   |      |
| 3.6                             | 385                 |   |                          |   |      |
| 4.1                             | 339                 |   |                          |   |      |
| 4.7                             | 296                 |   |                          |   |      |
| 5.3                             | 262                 |   |                          |   |      |
| 5.9                             | 234                 | EF 127ER77<br>EFA 127ER77<br>EFF 127ER77<br>EFAF127ER77 | 0.12                     |   |      |
| 7.0                             | 200                 |   |                          |   |      |
| 0.07                            | 19180               |   |                          | EF 77ER37<br>EFA 77ER37<br>EFF 77ER37<br>EFAF77ER37 | 0.12 |
| 0.08                            | 17592               |   |                          |   |      |
| 0.09                            | 15967               |   |                          |   |      |
| 0.09                            | 14978               |   |                          |   |      |
| 0.10                            | 13594               |   |                          |   |      |
| 0.12                            | 12049               |   |                          |   |      |
| 0.13                            | 10925               |   |                          |   |      |
| 0.14                            | 9683                |   |                          |   |      |
| 0.16                            | 8464                |   |                          |   |      |
| 0.18                            | 7519                |   |                          |   |      |
| 0.21                            | 6581                |   |                          |   |      |
| 0.24                            | 5807                |   |                          |   |      |
| 0.27                            | 5058                |   |                          |   |      |
| 0.31                            | 4494                |   |                          |   |      |
| 0.36                            | 3832                |   |                          |   |      |
| 0.41                            | 3362                |   |                          |   |      |
| 0.47                            | 2987                |   |                          |   |      |
| 0.53                            | 2611                |   |                          |   |      |
| 0.60                            | 2315                |   |                          |   |      |

| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type   | 电机功率<br>Power<br>(kW)/4P |   |      |
|---------------------------------|---------------------|---|--------------------------|---|------|
| <b>1500Nm</b>                   |                     |   |                          |   |      |
| 0.68                            | 2056                | EF 77ER37<br>EFA 77ER37<br>EFF 77ER37<br>EFAF77ER37     | 0.18                     |   |      |
| 0.81                            | 1711                |   |                          |   |      |
| 0.90                            | 1543                |   |                          |   |      |
| 1.0                             | 1354                |   |                          |   |      |
| 1.2                             | 1203                |   |                          |   |      |
| 1.3                             | 1057                |   |                          |   |      |
| 1.5                             | 913                 |   |                          |   |      |
| 1.7                             | 810                 |   |                          |   |      |
| 2.0                             | 710                 |   |                          |   |      |
| 2.3                             | 615                 |   |                          |   |      |
| 2.6                             | 538                 | EF 87ER57<br>EFA 87ER57<br>EFF 87ER57<br>EFAF87ER57     | 0.18                     |   |      |
| 2.9                             | 480                 |   |                          |   |      |
| 3.4                             | 410                 |   |                          |   |      |
| 3.8                             | 370                 |   |                          |   |      |
| 4.3                             | 324                 |   |                          |   |      |
| <b>3000Nm</b>                   |                     |   |                          |   |      |
| 0.06                            | 22977               |   |                          | EF 87ER57<br>EFA 87ER57<br>EFF 87ER57<br>EFAF87ER57     | 0.12 |
| 0.07                            | 20766               |   |                          |   |      |
| 0.08                            | 18185               |   |                          |   |      |
| 0.09                            | 15831               |   |                          |   |      |
| 0.10                            | 14017               |   |                          |   |      |
| 0.11                            | 12170               |   |                          |   |      |
| 0.13                            | 10424               |   |                          |   |      |
| 0.15                            | 9359                |   |                          |   |      |
| 0.17                            | 8061                |   |                          |   |      |
| 0.19                            | 7156                |   |                          |   |      |
| 0.22                            | 6280                |   |                          |   |      |
| 0.25                            | 5501                |   |                          |   |      |
| 0.28                            | 4985                |   |                          |   |      |
| 0.33                            | 4189                |   |                          |   |      |
| 0.38                            | 3700                |   |                          |   |      |
| 0.43                            | 3207                |   |                          |   |      |
| 0.48                            | 2926                |   |                          |   |      |
| 0.55                            | 2521                | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12                     |   |      |
| 0.63                            | 2200                |   |                          |   |      |
| 0.71                            | 1951                |   |                          |   |      |
| 0.81                            | 1715                |   |                          |   |      |
| 0.93                            | 1500                |   |                          |   |      |
| <b>4500Nm</b>                   |                     |   |                          |   |      |
| 1.1                             | 1302                |   |                          | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12 |
| 1.2                             | 1150                |   |                          |   |      |
| 1.4                             | 1008                |   |                          |   |      |
| 1.6                             | 895                 |   |                          |   |      |
| 1.8                             | 779                 |   |                          |   |      |
| 2.1                             | 677                 |   |                          |   |      |
| 2.3                             | 611                 |   |                          |   |      |
| 2.8                             | 507                 |   |                          |   |      |
| 3.1                             | 453                 |   |                          |   |      |
| 4.1                             | 340                 |   |                          |   |      |

| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type   | 电机功率<br>Power<br>(kW)/4P |   |      |
|---------------------------------|---------------------|---|--------------------------|---|------|
| <b>4300Nm</b>                   |                     |   |                          |   |      |
| 0.07                            | 20799               | EF 97ER57<br>EFA 97ER57<br>EFF 97ER57<br>EFAF97ER57     | 0.12                     |   |      |
| 0.08                            | 18233               |   |                          |   |      |
| 0.09                            | 15467               |   |                          |   |      |
| 0.10                            | 14046               |   |                          |   |      |
| 0.11                            | 12329               |   |                          |   |      |
| 0.13                            | 10933               |   |                          |   |      |
| 0.15                            | 9453                |   |                          |   |      |
| 0.17                            | 8320                |   |                          |   |      |
| 0.19                            | 7318                |   |                          |   |      |
| 0.22                            | 6397                |   |                          |   |      |
| 0.25                            | 5624                |   |                          |   |      |
| 0.28                            | 4937                |   |                          |   |      |
| 0.32                            | 4355                |   |                          |   |      |
| 0.36                            | 3863                |   |                          |   |      |
| 0.41                            | 3361                |   |                          |   |      |
| 0.48                            | 2895                |   |                          |   |      |
| 0.55                            | 2547                |   |                          | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12 |
| 0.62                            | 2249                |   |                          |   |      |
| 0.70                            | 1979                |   |                          |   |      |
| 0.81                            | 1722                |   |                          |   |      |
| 0.91                            | 1532                |   |                          |   |      |
| 1.0                             | 1327                |   |                          |   |      |
| 1.2                             | 1173                |   |                          |   |      |
| 1.4                             | 1025                |   |                          |   |      |
| 1.6                             | 903                 |   |                          |   |      |
| 1.8                             | 797                 |   |                          |   |      |
| 2.0                             | 690                 | EF 127ER77<br>EFA 127ER77<br>EFF 127ER77<br>EFAF127ER77 | 0.12                     |   |      |
| 2.3                             | 603                 |   |                          |   |      |
| 2.6                             | 534                 |   |                          |   |      |
| 3.0                             | 468                 |   |                          |   |      |
| 3.5                             | 407                 |   |                          |   |      |
| 3.9                             | 362                 |   |                          |   |      |
| 5.1                             | 280                 |   |                          |   |      |
| 5.8                             | 246                 |   |                          |   |      |
| <b>7680Nm</b>                   |                     |   |                          |   |      |
| 0.05                            | 25371               |   |                          | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12 |
| 0.06                            | 21656               |   |                          |   |      |
| 0.07                            | 18998               |   |                          |   |      |
| 0.08                            | 16892               |   |                          |   |      |
| 0.09                            | 14724               |   |                          |   |      |
| 0.12                            | 11398               |   |                          |   |      |
| 0.14                            | 10009               |   |                          |   |      |
| 0.16                            | 8452                |   |                          |   |      |
| 0.18                            | 7630                |   |                          |   |      |
| 0.21                            | 6717                |   |                          |   |      |
| 0.23                            | 5944                |   |                          |   |      |
| 0.27                            | 5235                |   |                          |   |      |
| 0.30                            | 4645                |   |                          |   |      |
| 0.35                            | 4020                |   |                          |   |      |
| 0.39                            | 3564                |   |                          |   |      |
| 0.45                            | 3118                |   |                          |   |      |
| 0.51                            | 2724                |   |                          |   |      |
| 0.58                            | 2377                |   |                          |   |      |

| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type   | 电机功率<br>Power<br>(kW)/4P |   |      |
|---------------------------------|---------------------|---|--------------------------|---|------|
| <b>7680Nm</b>                   |                     |   |                          |   |      |
| 0.67                            | 2080                | EF 107ER77<br>EFA 107ER77<br>EFF 107ER77<br>EFAF107ER77 | 0.12                     |   |      |
| 0.76                            | 1831                |   |                          |   |      |
| 0.88                            | 1596                |   |                          |   |      |
| 0.99                            | 1416                |   |                          |   |      |
| 1.1                             | 1235                |   |                          |   |      |
| 1.3                             | 1084                |   |                          |   |      |
| 1.5                             | 956                 |   |                          |   |      |
| 1.7                             | 848                 |   |                          |   |      |
| 1.9                             | 746                 |   |                          |   |      |
| 2.2                             | 641                 |   |                          |   |      |
| 2.6                             | 555                 | EF 127ER77<br>EFA 127ER77<br>EFF 127ER77<br>EFAF127ER77 | 0.12                     |   |      |
| 2.9                             | 492                 |   |                          |   |      |
| 3.3                             | 436                 |   |                          |   |      |
| 3.9                             | 370                 |   |                          |   |      |
| 4.3                             | 333                 |   |                          |   |      |
| <b>12000Nm</b>                  |                     |   |                          |   |      |
| 0.06                            | 24541               |   |                          | EF 127ER77<br>EFA 127ER77<br>EFF 127ER77<br>EFAF127ER77 | 0.12 |
| 0.06                            | 22076               |   |                          |   |      |
| 0.07                            | 18792               |   |                          |   |      |
| 0.08                            | 16533               |   |                          |   |      |
| 0.09                            | 14873               |   |                          |   |      |
| 0.11                            | 12997               |   |                          |   |      |
| 0.12                            | 11458               |   |                          |   |      |
| 0.14                            | 10063               |   |                          |   |      |
| 0.16                            | 8853                |   |                          |   |      |
| 0.18                            | 7520                |   |                          |   |      |
| 0.21                            | 6735                |   |                          |   |      |
| 0.23                            | 5926                |   |                          |   |      |
| 0.27                            | 5128                |   |                          |   |      |
| 0.31                            | 4525                |   |                          |   |      |
| 0.36                            | 3908                |   |                          |   |      |
| 0.40                            | 3451                |   |                          |   |      |
| 0.46                            | 3032                |   |                          |   |      |
| 0.54                            | 2575                | EF 157ER77<br>EFA 157ER77<br>EFF 157ER77<br>EFAF157ER77 | 0.12                     |   |      |
| 0.59                            | 2372                |   |                          |   |      |
| 0.70                            | 2011                |   |                          |   |      |
| 0.79                            | 1774                |   |                          |   |      |
| 0.89                            | 1578                |   |                          |   |      |
| 1.0                             | 1399                |   |                          |   |      |
| 1.2                             | 1218                |   |                          |   |      |
| 1.3                             | 1068                |   |                          |   |      |
| 1.5                             | 929                 |   |                          |   |      |
| 1.7                             | 825                 |   |                          |   |      |
| 2.0                             | 717                 | EF 187ER77<br>EFA 187ER77<br>EFF 187ER77<br>EFAF187ER77 | 0.12                     |   |      |
| 2.2                             | 654                 |   |                          |   |      |
| 2.6                             | 555                 |   |                          |   |      |
| 3.0                             | 487                 |   |                          |   |      |
| 3.3                             | 430                 |   |                          |   |      |
| 3.8                             | 381                 |   |                          |   |      |



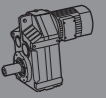
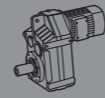
EF系列轴输入型选型参数表 (n=1400 r/min)  
Model selection parameter form of shaft input type of EF series(n=1400 r/min)

| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type   | 电机功率<br>Power<br>(kW)/4P |      |      |
|---------------------------------|---------------------|---|--------------------------|------|------|
| <b>12000Nm</b>                  |                     |   |                          |      |      |
| 3.0                             | 486                 | EF 127ER87<br>EFA 127ER87<br>EFF 127ER87<br>EFAF127ER87 | 5.5                      |      |      |
| 3.5                             | 412                 |   |                          |      |      |
| 3.9                             | 374                 |   |                          |      |      |
| 4.6                             | 314                 | 7.5   | 7.5                      |      |      |
| 4.9                             | 296                 |   |                          |      |      |
| 5.6                             | 261                 | 11  | 11                       |      |      |
| 6.5                             | 225                 |   |                          |      |      |
| 7.3                             | 199                 |   |                          |      |      |
| <b>18000Nm</b>                  |                     |   |                          |      |      |
| 0.04                            | 31544               | EF 157ER97<br>EFA 157ER97<br>EFF 157ER97<br>EFAF157ER97 | 0.55                     |      |      |
| 0.05                            | 26042               |   |                          |      |      |
| 0.06                            | 23766               |   |                          |      |      |
| 0.07                            | 20361               |   |                          |      |      |
| 0.08                            | 17717               |   |                          |      |      |
| 0.09                            | 16282               |   |                          |      |      |
| 0.10                            | 13555               |   |                          |      |      |
| 0.12                            | 12060               |   |                          |      |      |
| 0.14                            | 10088               |   |                          |      |      |
| 0.16                            | 8903                |   |                          |      |      |
| 0.17                            | 8143                |   |                          |      |      |
| 0.20                            | 7060                |   |                          |      |      |
| 0.22                            | 6304                |   |                          |      |      |
| 0.26                            | 5342                |   |                          | 0.75 | 0.75 |
| 0.29                            | 4840                |   |                          |      |      |
| 0.33                            | 4152                |   |                          |      |      |
| 0.39                            | 3599                |   |                          | 1.1  | 1.1  |
| 0.44                            | 3202                |   |                          |      |      |
| 0.50                            | 2790                |   |                          |      |      |
| 0.99                            | 1432                | 2.2   | 2.2                      |      |      |
| 0.59                            | 2393                | 1.5   | 1.5                      |      |      |
| 0.65                            | 2154                |   |                          |      |      |
| 0.73                            | 1951                | 2.2   | 2.2                      |      |      |
| 0.85                            | 1670                |   |                          |      |      |
| 1.1                             | 1326                |   |                          |      |      |
| 1.5                             | 940                 | 3   | 3                        |      |      |
| 1.7                             | 851                 |   |                          |      |      |
| 1.9                             | 772                 |   |                          |      |      |
| 2.1                             | 674                 | 5.5   | 5.5                      |      |      |
| 2.5                             | 574                 |   |                          |      |      |
| 2.9                             | 502                 | 7.5   | 7.5                      |      |      |
| 3.3                             | 437                 |   |                          |      |      |
| 4.2                             | 348                 | 11  | 11                       |      |      |
| 4.9                             | 301                 |   |                          |      |      |
| 5.3                             | 275                 |   |                          |      |      |
| 6.3                             | 230                 | 15  | 15                       |      |      |
| 7.3                             | 201                 |   |                          |      |      |
| 7.4                             | 198                 | 18.5  | 18.5                     |      |      |

| 输出转速<br>Output speed<br>(r/min) | 传动比<br>Ratio<br>(i) | 机型号<br>Type | 电机功率<br>Power<br>(kW)/4P |
|---------------------------------|---------------------|-------------|--------------------------|
|---------------------------------|---------------------|-------------|--------------------------|

| 传动比<br>Ratio<br>(i) | 输出转速<br>Output speed<br>(r/min) | 许用扭矩<br>Permissible<br>torque<br>(Nm) | 额定功率<br>Nominal Power<br>Ratings<br>(kW) | 机型号<br>Type |     |
|---------------------|---------------------------------|---------------------------------------|--|-------------|-----|
| 128.51              | 11                              | 200                                   | 0.25                                     | AD1         |     |
| 117.88              | 12                              | 200                                   | 0.27                                     |             |     |
| 100.36              | 14                              | 200                                   | 0.32                                     |             |     |
| 86.53               | 16                              | 200                                   | 0.37                                     |             |     |
| 80.65               | 17                              | 200                                   | 0.40                                     |             |     |
| 70.50               | 20                              | 200                                   | 0.46                                     |             |     |
| 66.09               | 21                              | 200                                   | 0.49                                     |             |     |
| 58.32               | 24                              | 200                                   | 0.55                                     |             |     |
| 54.54               | 26                              | 200                                   | 0.59                                     |             |     |
| 51.70               | 27                              | 200                                   | 0.62                                     |             |     |
| 47.02               | 30                              | 200                                   | 0.69                                     |             | AD2 |
| 43.83               | 32                              | 200                                   | 0.74                                     |             |     |
| 38.31               | 37                              | 200                                   | 0.84                                     |             |     |
| 35.91               | 39                              | 200                                   | 0.90                                     |             |     |
| 31.69               | 44                              | 200                                   | 1.0                                      |             |     |
| 28.10               | 50                              | 200                                   | 1.1                                      |             |     |
| 23.88               | 59                              | 200                                   | 1.3                                      |             |     |
| 23.63               | 59                              | 200                                   | 1.3                                      |             |     |
| 20.57               | 68                              | 200                                   | 1.5                                      | AD2         |     |
| 19.27               | 73                              | 200                                   | 1.6                                      |             |     |
| 17.03               | 82                              | 200                                   | 1.8                                      |             |     |
| 15.81               | 89                              | 200                                   | 2.0                                      |             |     |
| 14.33               | 98                              | 200                                   | 2.2                                      |             |     |
| 12.87               | 109                             | 200                                   | 2.4                                      |             |     |
| 11.08               | 126                             | 190                                   | 2.7                                      |             |     |
| 10.42               | 134                             | 185                                   | 2.8                                      |             |     |
| 8.97                | 156                             | 175                                   | 3.0                                      |             |     |
| 8.01                | 175                             | 170                                   | 3.3                                      |             |     |
| 7.57                | 185                             | 145                                   | 3.0                                      |             |     |
| 6.86                | 204                             | 140                                   | 3.2                                      |             |     |
| 6.16                | 227                             | 135                                   | 3.4                                      |             |     |
| 5.31                | 264                             | 125                                   | 3.7                                      |             |     |
| 4.99                | 280                             | 120                                   | 3.7                                      |             |     |
| 4.30                | 326                             | 110                                   | 4.0                                      |             |     |
| 3.84                | 365                             | 105                                   | 4.3                                      |             |     |
| 179.53              | 7.8                             | 400                                   | 0.36                                     | AD1         |     |
| 165.06              | 8.5                             | 400                                   | 0.39                                     |             |     |
| 141.22              | 9.9                             | 400                                   | 0.46                                     |             |     |
| 122.41              | 11                              | 400                                   | 0.53                                     |             |     |
| 114.41              | 12                              | 400                                   | 0.56                                     |             |     |
| 98.90               | 14                              | 400                                   | 0.65                                     |             |     |
| 84.03               | 17                              | 400                                   | 0.77                                     |             |     |
| 75.03               | 19                              | 400                                   | 0.86                                     |             |     |
| 64.08               | 22                              | 400                                   | 1.0                                      |             |     |
| 63.37               | 22                              | 400                                   | 1.0                                      |             | AD2 |
| 54.78               | 26                              | 400                                   | 1.2                                      |             |     |
| 46.54               | 30                              | 400                                   | 1.4                                      |             |     |
| 41.56               | 34                              | 400                                   | 1.6                                      |             |     |
| 35.50               | 39                              | 400                                   | 1.8                                      |             |     |
| 33.24               | 42                              | 400                                   | 1.9                                      |             |     |
| 28.00               | 50                              | 400                                   | 2.3                                      |             |     |
| 29.04               | 48                              | 400                                   | 2.1                                      | AD2         |     |
| 27.27               | 51                              | 400                                   | 2.3                                      |             |     |
| 24.21               | 58                              | 400                                   | 2.6                                      |             |     |
| 20.53               | 68                              | 400                                   | 3.0                                      |             |     |
| 18.54               | 76                              | 400                                   | 3.4                                      |             |     |
| 16.31               | 86                              | 400                                   | 3.8                                      |             |     |
| 15.40               | 91                              | 400                                   | 4.1                                      |             |     |
| 13.11               | 107                             | 400                                   | 4.8                                      |             |     |
| 11.92               | 117                             | 400                                   | 5.2                                      |             |     |
| 10.32               | 136                             | 380                                   | 5.7                                      |             |     |
| 9.28                | 151                             | 250                                   | 4.2                                      |             |     |
| 8.38                | 167                             | 250                                   | 4.7                                      |             |     |
| 7.37                | 190                             | 230                                   | 4.9                                      |             |     |
| 6.96                | 201                             | 225                                   | 5.0                                      |             |     |
| 5.93                | 236                             | 200                                   | 5.3                                      |             |     |
| 5.39                | 260                             | 191                                   | 5.5                                      |             |     |
| 4.67                | 300                             | 173                                   | 5.8                                      |             |     |

| 传动比<br>Ratio<br>(i) | 输出转速<br>Output speed<br>(r/min) | 许用扭矩<br>Permissible<br>torque<br>(Nm) | 额定功率<br>Nominal Power<br>Ratings<br>(kW) | 机型号<br>Type                         |     |
|---------------------|---------------------------------|---------------------------------------|--|-------------------------------------|-----|
| 199.70              | 7.0                             | 600                                   | 0.48                                     | AD2                                 |     |
| 183.60              | 7.6                             | 600                                   | 0.53                                     |                                     |     |
| 157.09              | 8.9                             | 600                                   | 0.62                                     |                                     |     |
| 136.16              | 10                              | 600                                   | 0.71                                     |                                     |     |
| 127.27              | 11                              | 600                                   | 0.76                                     |                                     |     |
| 110.01              | 13                              | 600                                   | 0.88                                     |                                     |     |
| 93.47               | 15                              | 600                                   | 1.0                                      |                                     |     |
| 83.46               | 17                              | 600                                   | 1.2                                      |                                     |     |
| 76.07               | 18                              | 600                                   | 1.3                                      |                                     |     |
| 71.10               | 20                              | 600                                   | 1.4                                      |                                     |     |
| 61.46               | 23                              | 600                                   | 1.6                                      |                                     |     |
| 52.22               | 27                              | 600                                   | 1.9                                      |                                     |     |
| 46.62               | 30                              | 600                                   | 2.1                                      |                                     |     |
| 39.82               | 35                              | 600                                   | 2.4                                      |                                     |     |
| 37.30               | 38                              | 600                                   | 2.6                                      |                                     |     |
| 31.42               | 45                              | 590                                   | 3.0                                      |                                     |     |
| 40.13               | 35                              | 265                                   | 1.0                                      | EF 57<br>EFA 57<br>EFF 57<br>EFAF57 |     |
| 34.24               | 41                              | 440                                   | 2.0                                      |                                     |     |
| 29.94               | 47                              | 415                                   | 2.2                                      |                                     |     |
| 28.12               | 50                              | 410                                   | 2.3                                      |                                     |     |
| 24.96               | 56                              | 575                                   | 3.6                                      |                                     |     |
| 21.17               | 66                              | 600                                   | 4.4                                      |                                     |     |
| 19.11               | 73                              | 600                                   | 4.9                                      |                                     |     |
| 16.81               | 83                              | 600                                   | 5.6                                      | AD3                                 |     |
| 15.88               | 88                              | 600                                   | 5.9                                      |                                     |     |
| 13.52               | 104                             | 600                                   | 6.9                                      |                                     |     |
| 12.29               | 114                             | 600                                   | 7.6                                      |                                     |     |
| 10.64               | 132                             | 600                                   | 8.8                                      |                                     |     |
| 9.45                | 148                             | 310                                   | 5.1                                      |                                     |     |
| 8.54                | 164                             | 310                                   | 5.7                                      |                                     |     |
| 7.51                | 186                             | 400                                   | 8.3                                      |                                     |     |
| 7.09                | 197                             | 390                                   | 8.6                                      |                                     |     |
| 6.04                | 232                             | 355                                   | 9.2                                      |                                     |     |
| 5.49                | 255                             | 335                                   | 9.5                                      |                                     |     |
| 4.75                | 295                             | 305                                   | 10.0                                     |                                     |     |
| 229.10              | 6.1                             | 820                                   | 0.58                                     |                                     | AD2 |
| 195.48              | 7.2                             | 820                                   | 0.68                                     |                                     |     |
| 170.93              | 8.2                             | 820                                   | 0.77                                     |                                     |     |
| 160.50              | 8.7                             | 820                                   | 0.82                                     |                                     |     |
| 142.47              | 9.8                             | 820                                   | 0.93                                     |                                     |     |
| 120.84              | 12                              | 820                                   | 1.1                                      |                                     |     |
| 109.09              | 13                              | 820                                   | 1.2                                      |                                     |     |
| 95.98               | 15                              | 820                                   | 1.4                                      |                                     |     |
| 90.63               | 15                              | 820                                   | 1.5                                      |                                     |     |
| 85.94               | 16                              | 820                                   | 1.5                                      |                                     |     |
| 76.29               | 18                              | 820                                   | 1.7                                      |                                     |     |
| 64.71               | 22                              | 820                                   | 2.0                                      |                                     |     |
| 58.42               | 24                              | 820                                   | 2.3                                      |                                     |     |
| 51.40               | 27                              | 820                                   | 2.6                                      |                                     |     |
| 48.53               | 29                              | 820                                   | 2.7                                      |                                     |     |
| 41.32               | 34                              | 820                                   | 3.2                                      |                                     |     |
| 37.55               | 37                              | 780                                   | 3.3                                      |                                     |     |
| 32.53               | 43                              | 740                                   | 3.7                                      |                                     |     |
| 32.28               | 43                              | 590                                   | 2.9                                      | AD2                                 |     |
| 28.79               | 49                              | 820                                   | 4.4                                      | EF 67<br>EFA 67<br>EFF 67<br>EFAF67 |     |
| 24.61               | 57                              | 820                                   | 5.2                                      |                                     |     |
| 22.33               | 63                              | 820                                   | 5.7                                      |                                     |     |
| 19.80               | 71                              | 820                                   | 6.5                                      |                                     |     |
| 18.76               | 75                              | 820                                   | 6.8                                      |                                     |     |
| 16.42               | 85                              | 820                                   | 7.8                                      |                                     |     |
| 14.79               | 95                              | 820                                   | 8.6                                      |                                     |     |
| 12.98               | 108                             | 820                                   | 9.9                                      |                                     |     |
| 11.45               | 122                             | 800                                   | 10.9                                     |                                     |     |
| 10.15               | 138                             | 745                                   | 11.4                                     |                                     |     |
| 9.00                | 156                             | 450                                   | 7.8                                      |                                     |     |
| 8.67                | 162                             | 670                                   | 12.1                                     |                                     |     |
| 8.53                | 164                             | 440                                   | 8.0                                      |                                     |     |
| 7.46                | 188                             | 410                                   | 8.6                                      |                                     |     |
| 6.73                | 208                             | 385                                   | 8.9                                      |                                     |     |
| 5.90                | 237                             | 355                                   | 9.4                                      |                                     |     |
| 5.21                | 269                             | 330                                   | 9.9                                      |                                     |     |
| 4.62                | 303                             | 305                                   | 10.3                                     |                                     |     |
| 3.94                | 355                             | 275                                   | 10.9                                     |                                     |     |

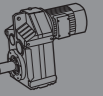
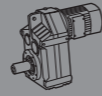


| 传动比<br>Ratio | 输出转速<br>Output speed | 许用扭矩<br>Permissible torque | 额定功率<br>Nominal Power Ratings | 机型号<br>Type |     |
|--------------|----------------------|----------------------------|-------------------------------|-------------|-----|
| (i)          | (r/min)              | (Nm)                       | (kW)                          |             |     |
| 281.71       | 5.0                  | 1500                       | 0.86                          | AD2         |     |
| 260.59       | 5.4                  | 1500                       | 0.93                          |             |     |
| 225.79       | 6.2                  | 1500                       | 1.1                           |             |     |
| 198.31       | 7.1                  | 1500                       | 1.2                           |             |     |
| 186.64       | 7.5                  | 1500                       | 1.3                           |             |     |
| 166.47       | 8.4                  | 1500                       | 1.5                           |             |     |
| 142.27       | 9.8                  | 1500                       | 1.7                           |             |     |
| 129.12       | 11                   | 1500                       | 1.9                           |             |     |
| 114.45       | 12                   | 1500                       | 2.1                           |             |     |
| 108.46       | 13                   | 1500                       | 2.2                           |             |     |
| 94.93        | 15                   | 1500                       | 2.5                           |             |     |
| 85.52        | 16                   | 1500                       | 2.8                           |             |     |
| 75.02        | 19                   | 1500                       | 3.2                           |             |     |
| 73.45        | 19                   | 1500                       | 3.3                           |             |     |
| 66.66        | 21                   | 1500                       | 3.6                           |             |     |
| 59.09        | 24                   | 1500                       | 4.1                           |             |     |
| 56.00        | 25                   | 1500                       | 4.3                           |             |     |
| 49.01        | 29                   | 1500                       | 4.9                           |             |     |
| 44.15        | 32                   | 1500                       | 5.5                           |             | AD3 |
| 38.73        | 36                   | 1500                       | 6.2                           |             |     |
| 34.18        | 41                   | 1500                       | 7.1                           |             |     |
| 30.30        | 46                   | 1500                       | 8.0                           |             |     |
| 25.87        | 54                   | 1450                       | 9.0                           |             |     |
| 36.58        | 38                   | 1110                       | 4.7                           | AD3         |     |
| 31.51        | 44                   | 1110                       | 5.5                           |             |     |
| 28.75        | 49                   | 1200                       | 6.5                           |             |     |
| 25.50        | 55                   | 1500                       | 9.2                           | AD4         |     |
| 21.43        | 65                   | 1500                       | 10.9                          |             |     |
| 19.70        | 71                   | 1500                       | 11.9                          |             |     |
| 17.49        | 80                   | 1500                       | 13.4                          |             |     |
| 15.64        | 90                   | 1500                       | 15.0                          |             |     |
| 14.06        | 100                  | 1420                       | 15.7                          |             |     |
| 12.21        | 115                  | 1280                       | 16.4                          |             |     |
| 10.93        | 128                  | 1180                       | 16.8                          |             |     |
| 9.36         | 150                  | 810                        | 13.5                          |             |     |
| 8.31         | 168                  | 765                        | 14.4                          |             |     |
| 7.43         | 188                  | 720                        | 15.1                          |             |     |
| 6.68         | 210                  | 670                        | 15.6                          |             |     |
| 5.80         | 241                  | 605                        | 16.3                          |             |     |
| 5.19         | 270                  | 555                        | 16.7                          |             |     |
| 4.31         | 325                  | 470                        | 17.0                          |             |     |
| 3.75         | 374                  | 470                        | 19.6                          |             |     |
| 273.43       | 5.1                  | 3000                       | 1.8                           | AD2         |     |
| 257.97       | 5.4                  | 3000                       | 1.9                           |             |     |
| 231.26       | 6.1                  | 3000                       | 2.1                           |             |     |
| 199.21       | 7.0                  | 3000                       | 2.4                           |             |     |
| 181.80       | 7.7                  | 3000                       | 2.7                           |             |     |
| 161.23       | 8.7                  | 3000                       | 3.0                           |             |     |
| 135.53       | 10                   | 3000                       | 3.6                           |             |     |
| 124.55       | 11                   | 3000                       | 3.9                           |             |     |
| 110.60       | 13                   | 3000                       | 4.4                           |             |     |
| 98.89        | 14                   | 3000                       | 4.9                           |             |     |
| 88.91        | 16                   | 3000                       | 5.4                           |             |     |
| 77.17        | 18                   | 3000                       | 6.3                           |             |     |
| 69.10        | 20                   | 3000                       | 7.0                           |             | AD3 |
| 57.33        | 24                   | 3000                       | 8.4                           |             |     |
| 51.50        | 27                   | 2940                       | 9.2                           |             |     |
| 46.31        | 30                   | 2820                       | 9.8                           |             |     |
| 40.19        | 35                   | 2720                       | 10.9                          |             |     |
| 35.99        | 39                   | 2610                       | 11.7                          |             |     |
| 29.86        | 47                   | 2510                       | 13.5                          |             |     |
| 34.27        | 41                   | 2560                       | 11.7                          | AD4         |     |
| 29.07        | 48                   | 2390                       | 12.8                          |             |     |

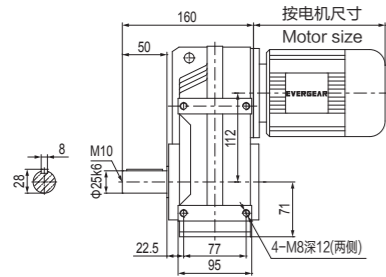
| 传动比<br>Ratio | 输出转速<br>Output speed | 许用扭矩<br>Permissible torque | 额定功率<br>Nominal Power Ratings | 机型号<br>Type |     |
|--------------|----------------------|----------------------------|-------------------------------|-------------|-----|
| (i)          | (r/min)              | (Nm)                       | (kW)                          |             |     |
| 26.77        | 52                   | 3000                       | 17.5                          | AD5         |     |
| 23.92        | 59                   | 3000                       | 20                            |             |     |
| 21.54        | 65                   | 3000                       | 22                            |             |     |
| 19.50        | 72                   | 3000                       | 24                            |             |     |
| 17.29        | 81                   | 3000                       | 27                            |             |     |
| 15.64        | 90                   | 3000                       | 30                            |             |     |
| 13.25        | 106                  | 3000                       | 35                            |             |     |
| 11.58        | 121                  | 3000                       | 40                            |             |     |
| 9.68         | 145                  | 2880                       | 46                            |             |     |
| 8.60         | 163                  | 1530                       | 28                            |             |     |
| 7.63         | 184                  | 1530                       | 31                            |             |     |
| 6.89         | 203                  | 1530                       | 35                            |             |     |
| 5.84         | 240                  | 1530                       | 41                            |             |     |
| 5.10         | 274                  | 1510                       | 46                            |             |     |
| 4.27         | 328                  | 1260                       | 46                            |             |     |
| 3.70         | 379                  | 1260                       | 53                            |             |     |
| 276.99       | 5.1                  | 4300                       | 2.5                           |             | AD3 |
| 253.61       | 5.5                  | 4300                       | 2.7                           |             |     |
| 224.06       | 6.2                  | 4300                       | 3.1                           |             |     |
| 190.07       | 7.4                  | 4300                       | 3.6                           |             |     |
| 175.01       | 8.0                  | 4300                       | 4.0                           |             |     |
| 156.43       | 8.9                  | 4300                       | 4.4                           |             |     |
| 140.82       | 9.9                  | 4300                       | 4.9                           |             |     |
| 127.52       | 11                   | 4300                       | 5.4                           |             |     |
| 113.08       | 12                   | 4300                       | 6.1                           |             |     |
| 102.24       | 14                   | 4300                       | 6.8                           |             |     |
| 95.09        | 15                   | 4300                       | 7.3                           |             |     |
| 87.55        | 16                   | 4300                       | 7.9                           |             |     |
| 86.66        | 16                   | 4300                       | 8.0                           |             |     |
| 78.26        | 18                   | 4300                       | 8.9                           | AD4         |     |
| 75.69        | 18                   | 4300                       | 9.2                           |             |     |
| 70.45        | 20                   | 4300                       | 9.8                           |             |     |
| 63.80        | 22                   | 4300                       | 10.9                          |             |     |
| 56.57        | 25                   | 4300                       | 12.2                          |             |     |
| 51.15        | 27                   | 4300                       | 13.5                          |             |     |
| 43.35        | 32                   | 4300                       | 16.0                          |             |     |
| 37.87        | 37                   | 4300                       | 18.3                          |             |     |
| 31.67        | 44                   | 4300                       | 22                            |             |     |
| 30.42        | 46                   | 4300                       | 22                            | AD5         |     |
| 27.46        | 51                   | 4300                       | 24                            |             |     |
| 24.94        | 56                   | 4300                       | 27                            |             |     |
| 22.13        | 63                   | 4300                       | 30                            | AD6         |     |
| 20.08        | 70                   | 4300                       | 33                            |             |     |
| 17.26        | 81                   | 4300                       | 39                            |             |     |
| 15.07        | 93                   | 4300                       | 45                            |             |     |
| 12.78        | 110                  | 4300                       | 52                            |             |     |
| 11.17        | 125                  | 4100                       | 57                            |             |     |
| 8.90         | 157                  | 2360                       | 41                            |             |     |
| 8.08         | 173                  | 2360                       | 46                            |             |     |
| 6.94         | 202                  | 2360                       | 53                            |             |     |
| 6.06         | 231                  | 2250                       | 58                            |             |     |
| 5.14         | 272                  | 1930                       | 59                            |             |     |
| 4.49         | 312                  | 1690                       | 59                            |             |     |
| 3.80         | 369                  | 1690                       | 69                            |             |     |
| 251.75       | 5.6                  | 7680                       | 4.9                           | AD4         |     |
| 213.13       | 6.6                  | 7680                       | 5.8                           |             |     |
| 197.24       | 7.1                  | 7680                       | 6.3                           |             |     |
| 176.78       | 7.9                  | 7680                       | 7.0                           |             |     |
| 159.60       | 8.8                  | 7680                       | 7.8                           |             |     |
| 144.96       | 9.7                  | 7680                       | 8.5                           |             |     |
| 128.62       | 11                   | 7680                       | 9.6                           |             |     |
| 116.71       | 12                   | 7680                       | 10.6                          |             |     |
| 100.32       | 14                   | 7680                       | 12.3                          |             |     |
| 92.57        | 15                   | 7680                       | 13.4                          |             |     |
| 87.57        | 16                   | 7680                       | 14.1                          |             |     |
| 84.08        | 17                   | 7680                       | 14.7                          |             |     |
| 74.60        | 19                   | 7680                       | 16.6                          |             |     |

| 传动比<br>Ratio | 输出转速<br>Output speed | 许用扭矩<br>Permissible torque | 额定功率<br>Nominal Power Ratings | 机型号<br>Type |     |
|--------------|----------------------|----------------------------|-------------------------------|-------------|-----|
| (i)          | (r/min)              | (Nm)                       | (kW)                          |             |     |
| 67.69        | 21                   | 7680                       | 18.3                          | AD4         |     |
| 58.19        | 24                   | 7680                       | 21                            |             |     |
| 50.79        | 28                   | 7680                       | 24                            | AD5         |     |
| 43.08        | 32                   | 7680                       | 29                            |             |     |
| 37.65        | 37                   | 7680                       | 33                            |             |     |
| 31.84        | 44                   | 7680                       | 39                            |             |     |
| 33.44        | 42                   | 7400                       | 35                            |             |     |
| 27.28        | 51                   | 7840                       | 45                            | AD6         |     |
| 24.88        | 56                   | 7840                       | 49                            |             |     |
| 21.53        | 65                   | 7840                       | 57                            |             |     |
| 19.00        | 74                   | 7090                       | 58                            |             |     |
| 16.41        | 85                   | 6120                       | 58                            |             |     |
| 14.51        | 96                   | 5410                       | 58                            |             |     |
| 12.20        | 115                  | 4540                       | 58                            |             |     |
| 9.85         | 142                  | 4000                       | 63                            |             |     |
| 9.47         | 148                  | 3580                       | 59                            |             |     |
| 8.18         | 171                  | 3090                       | 59                            |             |     |
| 7.24         | 193                  | 2730                       | 59                            |             |     |
| 6.08         | 230                  | 2290                       | 59                            |             |     |
| 4.91         | 285                  | 2290                       | 73                            |             |     |
| 174.86       | 8.0                  | 12000                      | 11.1                          | AD4         |     |
| 157.30       | 8.9                  | 12000                      | 12.3                          |             |     |
| 128.33       | 11                   | 12000                      | 15.1                          |             |     |
| 117.04       | 12                   | 12000                      | 16.5                          |             |     |
| 101.29       | 14                   | 12000                      | 19                            |             |     |
| 89.38        | 16                   | 12000                      | 22                            |             |     |
| 77.19        | 18                   | 12000                      | 25                            |             |     |
| 71.73        | 20                   | 12000                      | 27                            |             |     |
| 65.42        | 21                   | 12000                      | 30                            |             |     |
| 56.61        | 25                   | 12000                      | 34                            | AD6         |     |
| 49.95        | 28                   | 12000                      | 39                            |             |     |
| 43.14        | 32                   | 12000                      | 45                            |             |     |
| 38.16        | 37                   | 12000                      | 51                            |             |     |
| 32.07        | 44                   | 12000                      | 60                            | AD7         |     |
| 25.90        | 54                   | 12000                      | 75                            |             |     |
| 27.50        | 51                   | 8500                       | 48                            | AD7         |     |
| 25.15        | 56                   | 8500                       | 53                            |             |     |
| 21.88        | 64                   | 12000                      | 86                            | AD8         |     |
| 19.31        | 72                   | 10800                      | 87                            |             |     |
| 16.74        | 84                   | 11000                      | 102                           |             |     |
| 14.90        | 94                   | 11000                      | 115                           |             |     |
| 12.64        | 111                  | 10000                      | 123                           |             |     |
| 10.43        | 134                  | 9040                       | 135                           |             |     |
| 9.44         | 148                  | 7000                       | 116                           |             |     |
| 8.39         | 167                  | 6000                       | 111                           |             |     |
| 7.12         | 197                  | 6030                       | 132                           |             |     |
| 5.88         | 238                  | 4900                       | 130                           |             |     |
| 4.99         | 281                  | 4150                       | 130                           |             |     |
| 267.43       | 5.2                  | 18000                      | 10.8                          |             | AD5 |
| 217.62       | 6.4                  | 18000                      | 13.3                          |             |     |
| 178.20       | 7.9                  | 18000                      | 16.3                          |             |     |
| 162.96       | 8.6                  | 18000                      | 17.8                          |             |     |
| 141.80       | 9.9                  | 18000                      | 20                            |             |     |
| 125.14       | 11                   | 18000                      | 23                            |             |     |
| 108.49       | 13                   | 18000                      | 27                            |             |     |
| 96.53        | 15                   | 18000                      | 30                            |             |     |
| 84.10        | 17                   | 18000                      | 34                            | AD6         |     |
| 76.91        | 18                   | 18000                      | 38                            |             |     |
| 66.92        | 21                   | 18000                      | 43                            |             |     |
| 59.06        | 24                   | 18000                      | 49                            | AD6         |     |
| 51.20        | 27                   | 18000                      | 57                            |             |     |
| 45.55        | 31                   | 18000                      | 64                            | AD7         |     |

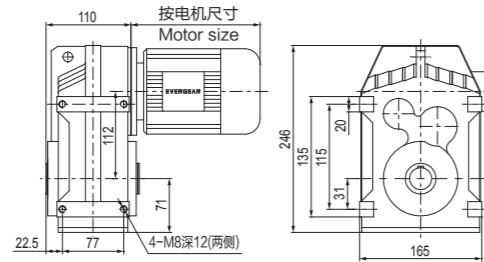
| 传动比<br>Ratio | 输出转速<br>Output speed | 许用扭矩<br>Permissible torque | 额定功率<br>Nominal Power Ratings | 机型号<br>Type |
|--------------|----------------------|----------------------------|-------------------------------|-------------|
| (i)          | (r/min)              | (Nm)                       | (kW)                          |             |
| 38.65        | 36                   | 18000                      | 75                            | AD8         |
| 31.90        | 44                   | 18000                      | 91                            |             |
| 27.06        | 52                   | 18000                      | 107                           |             |
| 53.55        | 26                   | 8000                       | 23                            | AD5         |
| 43.94        | 32                   | 10000                      | 35                            |             |
| 35.75        | 39                   | 11000                      | 48                            | AD7         |
| 28.60        | 49                   | 17000                      | 93                            | AD8         |
| 25.43        | 55                   | 15000                      | 92                            |             |
| 22.16        | 63                   | 18000                      | 127                           |             |
| 19.77        | 71                   | 17000                      | 134                           |             |
| 16.85        | 83                   | 18000                      | 167                           |             |
| 13.96        | 100                  | 17000                      | 190                           |             |
| 11.92        | 117                  | 16000                      | 209                           |             |



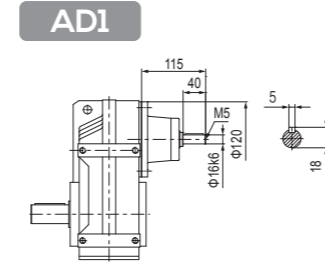
EF37



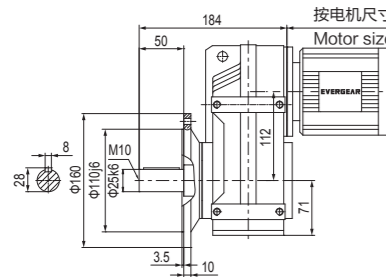
EFAB37



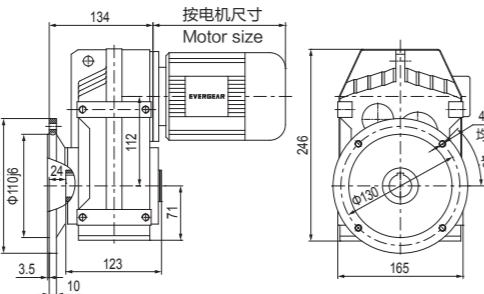
EF..S37



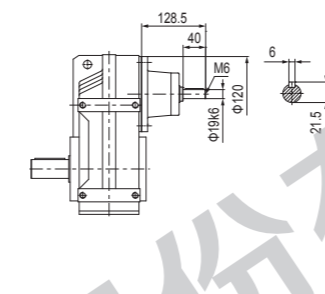
EFF37



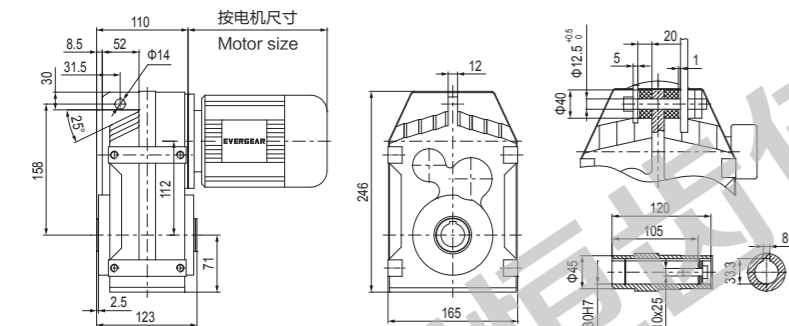
EFAF37



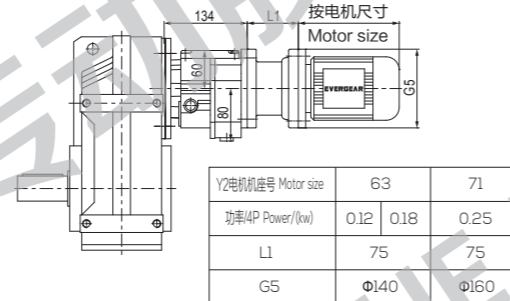
AD2



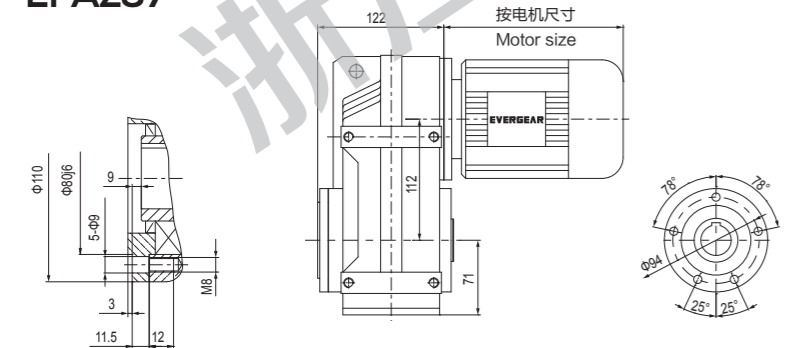
EFA37



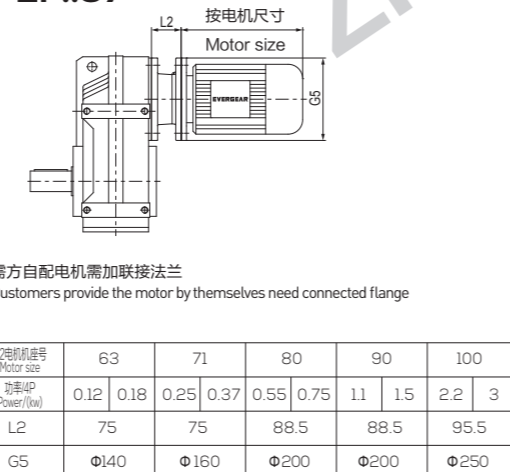
EF..37ER17



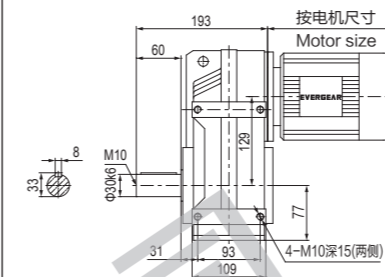
EFAZ37



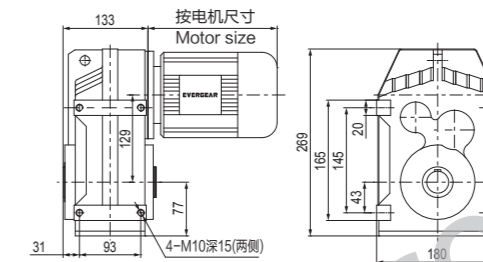
EF..37



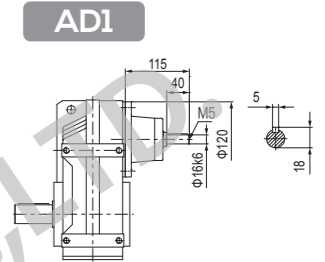
EF47



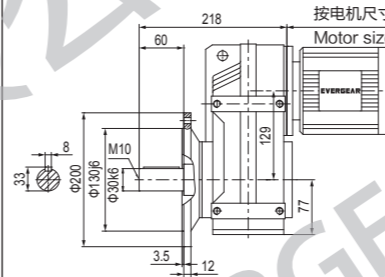
EFAB47



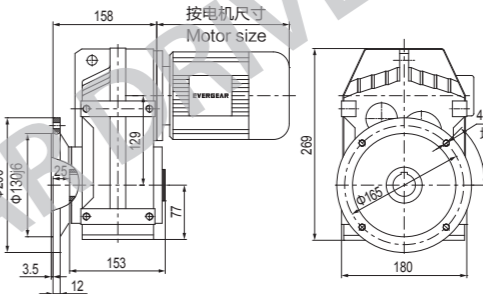
EF..S47



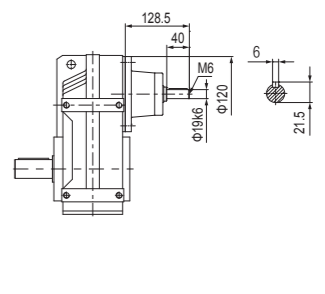
EFF47



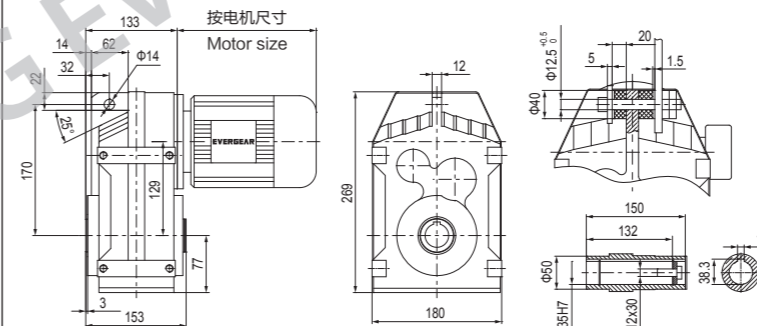
EFAF47



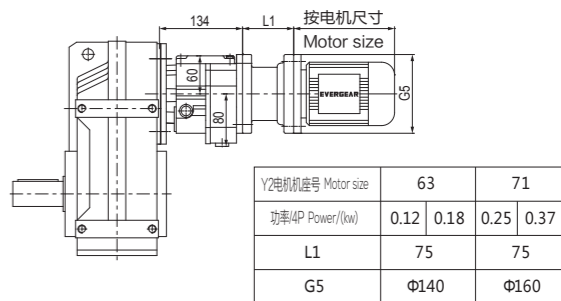
AD2



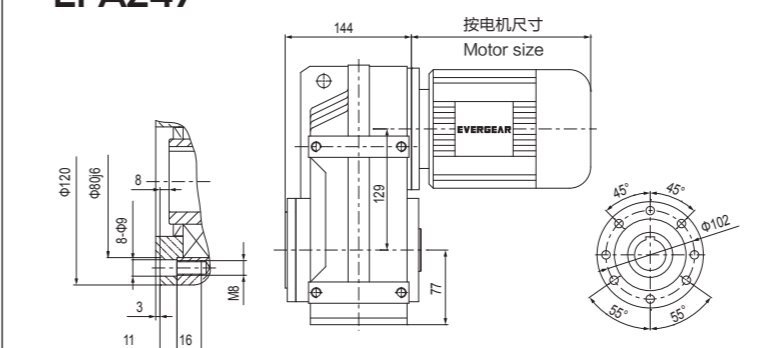
EFA47



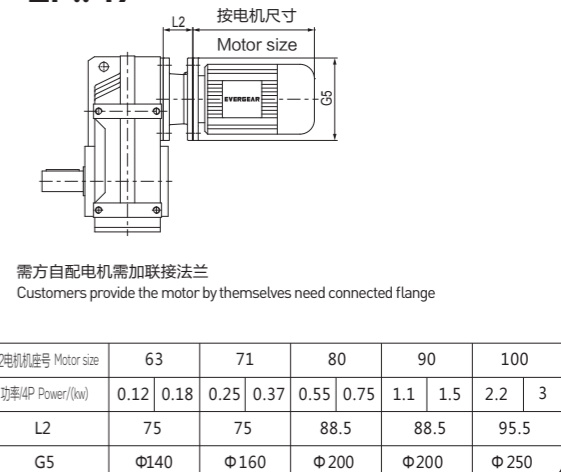
EF..47ER17



EFAZ47



EF..47



注 Note  
1.以上壳体为通用件,安装尺寸可以互相参照。  
2."EF.."表示EF系列所有结构形式。  
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件,尺寸相同。  
4.带胀紧盘结构形式,胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.  
2."EF.." mean all mounting type of EF series.  
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.  
4.With expansion plate mounting type, see P007 for size details of expansion plate.

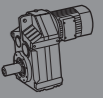
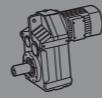
注 Note  
1.以上壳体为通用件,安装尺寸可以互相参照。  
2."EF.."表示EF系列所有结构形式。  
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件,尺寸相同。  
4.带胀紧盘结构形式,胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.  
2."EF.." mean all mounting type of EF series.  
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.  
4.With expansion plate mounting type, see P007 for size details of expansion plate.

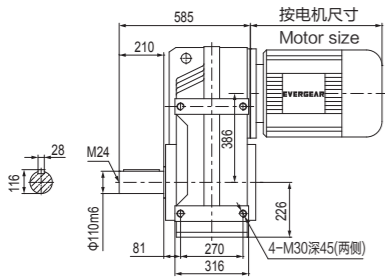




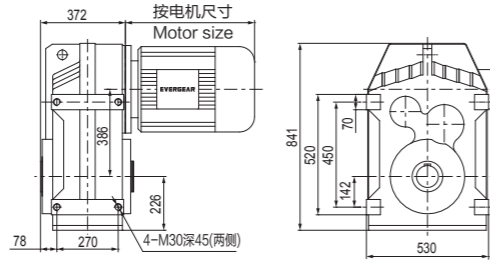




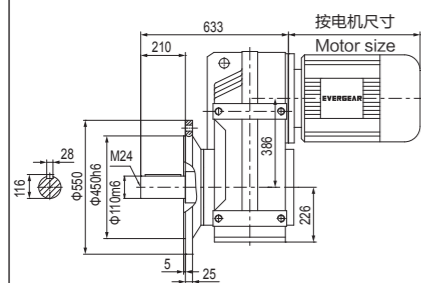
EF127



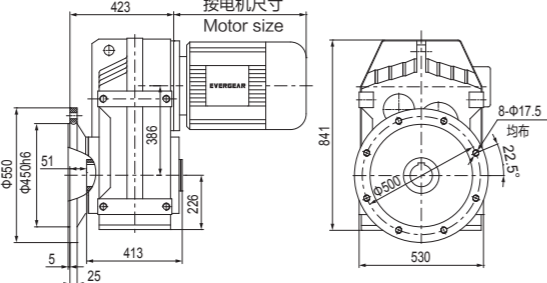
EFAB127



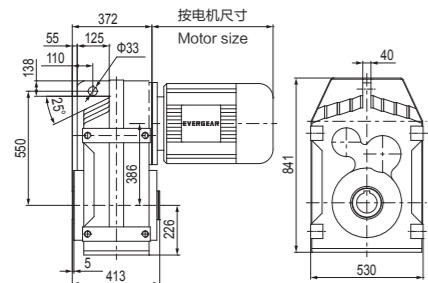
EFF127



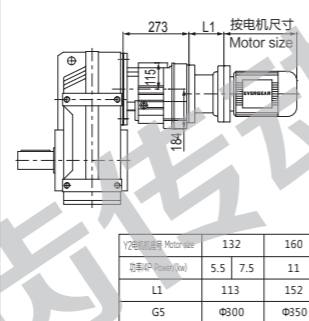
EFAF127



EFA127

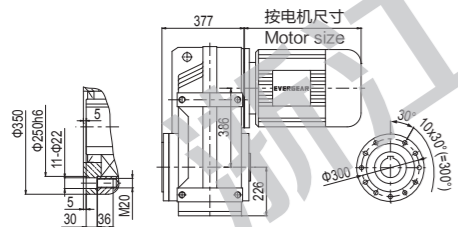


EF..127ER87

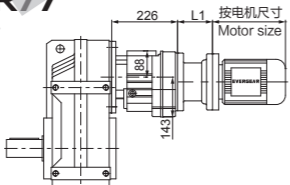


|                   |      |      |
|-------------------|------|------|
| Y2电机座号 Motor size | 132  | 160  |
| 功率4P Power(kw)    | 5.5  | 7.5  |
| L1                | 113  | 152  |
| G5                | Φ200 | Φ350 |

EFAZ127

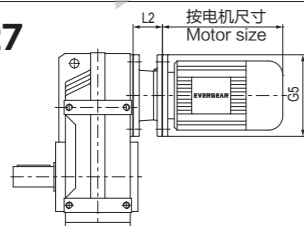


EF..127ER77



|                   |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|
| Y2电机座号 Motor size | 63   | 71   | 80   | 90   | 100  | 112  | 132  |
| 功率4P Power(kw)    | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.1  |
| L1                | 60.5 | 60.5 | 74   | 74   | 81   | 81   | 117  |
| G5                | Φ140 | Φ160 | Φ200 | Φ200 | Φ250 | Φ250 | Φ300 |

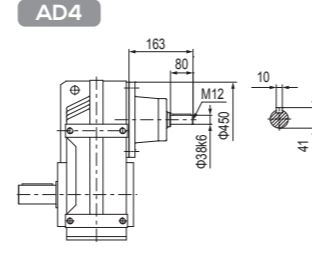
EF..127



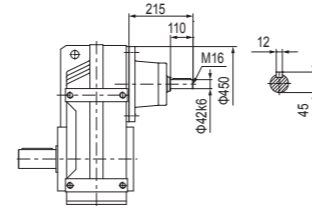
需方自配电机需加联接法兰  
Customers provide the motor by themselves need connected flange

|                   |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|
| Y2电机座号 Motor size | 132  | 160  | 180  | 200  | 225  | 250  | 280  |
| 功率4P Power(kw)    | 7.5  | 11   | 15   | 18.5 | 22   | 30   | 37   |
| L2                | 77   | 116  | 116  | 124  | 167  | 192  | 192  |
| G5                | Φ300 | Φ350 | Φ350 | Φ400 | Φ450 | Φ550 | Φ550 |

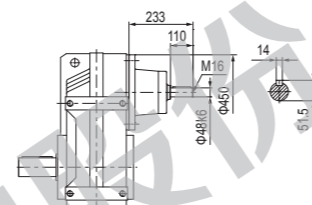
EF..S127



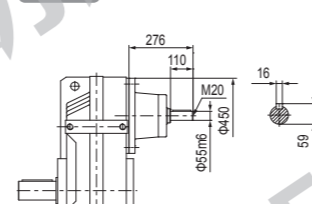
AD4



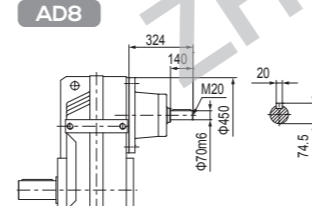
AD5



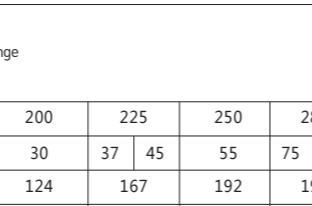
AD6



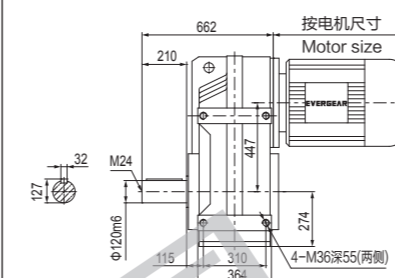
AD7



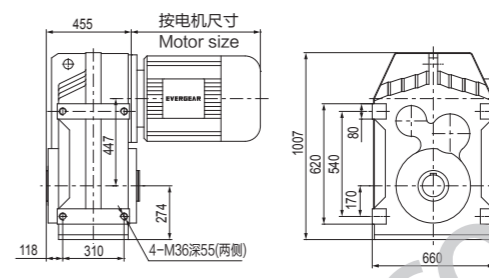
AD8



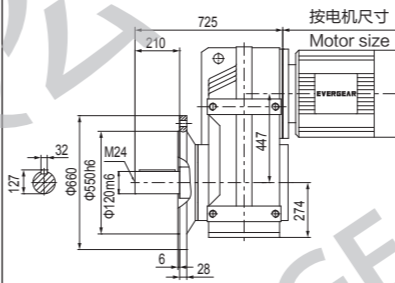
EF157



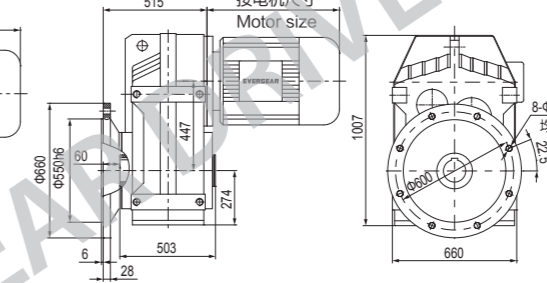
EFAB157



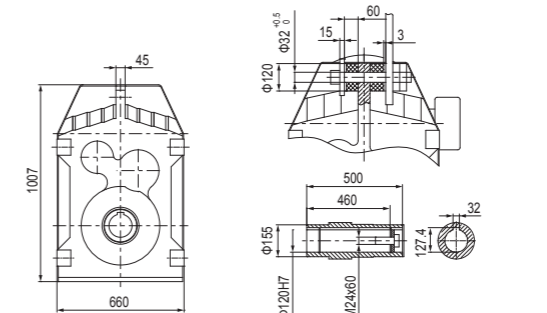
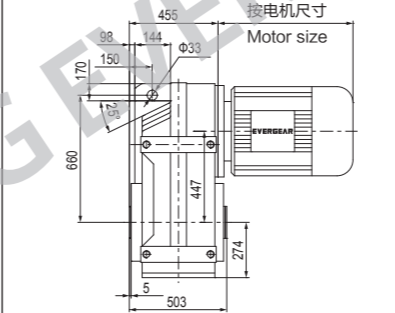
EFF157



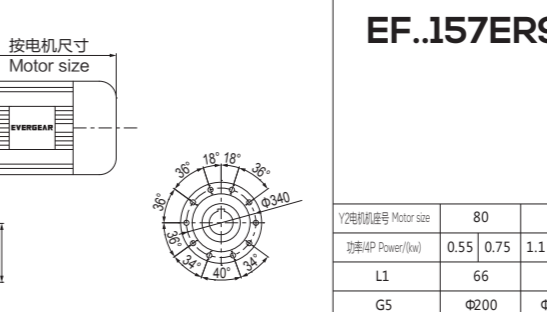
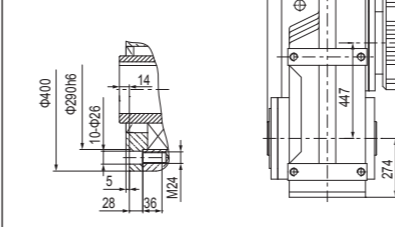
EFAF157



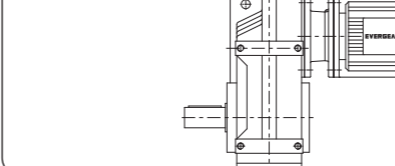
EFA157



EFAZ157



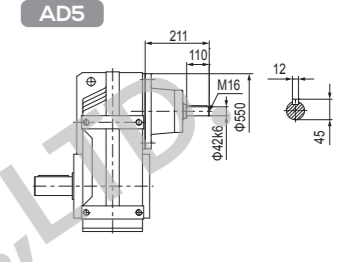
EF..157



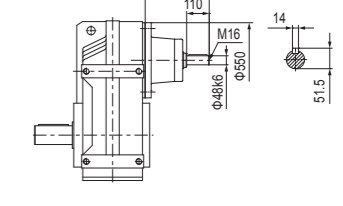
需方自配电机需加联接法兰  
Customers provide the motor by themselves need connected flange

|                   |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|
| Y2电机座号 Motor size | 160  | 180  | 200  | 225  | 250  | 280  | 315  |
| 功率4P Power(kw)    | 11   | 15   | 18.5 | 22   | 30   | 37   | 45   |
| L2                | 112  | 112  | 120  | 163  | 183  | 183  | 196  |
| G5                | Φ350 | Φ350 | Φ400 | Φ450 | Φ550 | Φ550 | Φ660 |

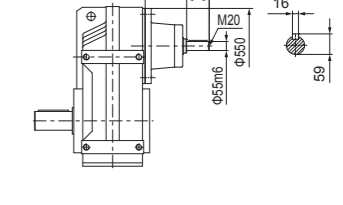
EF..S157



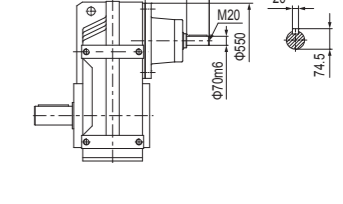
AD5



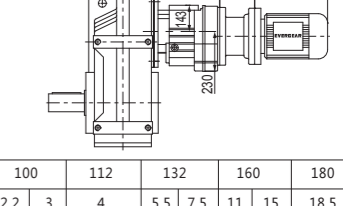
AD6



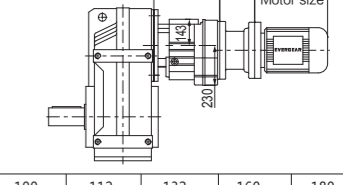
AD7



AD8



EF..157ER97



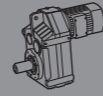
|                   |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|
| Y2电机座号 Motor size | 80   | 90   | 100  | 112  | 132  | 160  | 180  |
| 功率4P Power(kw)    | 0.55 | 0.75 | 1.1  | 1.5  | 2.2  | 3    | 4    |
| L1                | 66   | 66   | 73   | 73   | 99   | 138  | 138  |
| G5                | Φ200 | Φ200 | Φ250 | Φ250 | Φ300 | Φ350 | Φ350 |

1.以上壳体为通用件,安装尺寸可以互相参照。  
2."EF.."表示EF系列所有结构形式。  
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件,尺寸相同。  
4.带胀紧盘结构形式,胀紧盘尺寸详见008页。

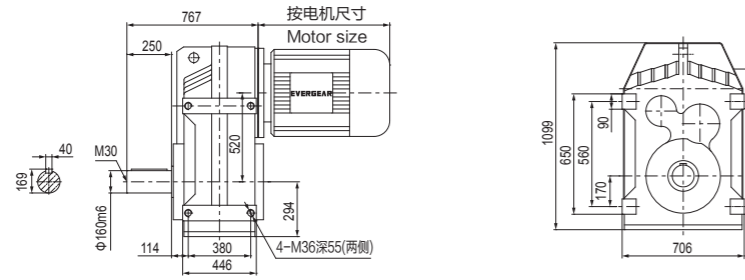
1.The above housings are common parts, The mounting dimensions may consult each other.  
2."EF.." mean all mounting type of EF series.  
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.  
4.With expansion plate mounting type,see P008 for size details of expansion plate.

1.以上壳体为通用件,安装尺寸可以互相参照。  
2."EF.."表示EF系列所有结构形式。  
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件,尺寸相同。  
4.带胀紧盘结构形式,胀紧盘尺寸详见008页。

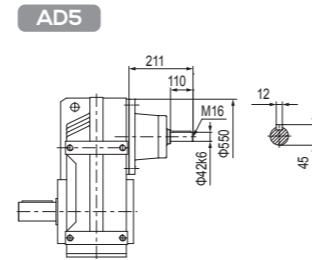
1.The above housings are common parts, The mounting dimensions may consult each other.  
2."EF.." mean all mounting type of EF series.  
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.  
4.With expansion plate mounting type,see P008 for size details of expansion plate.



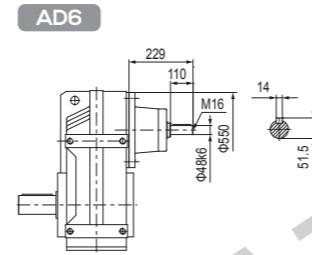
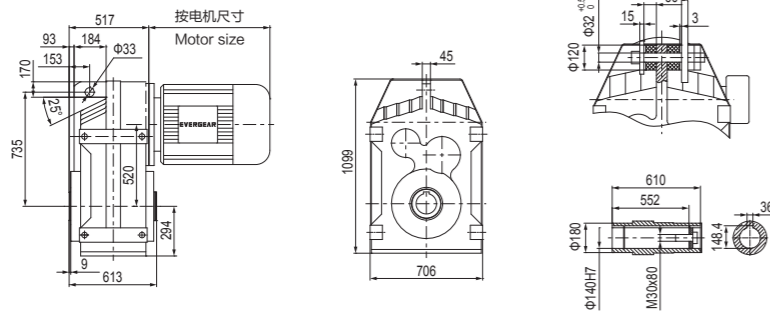
EF167



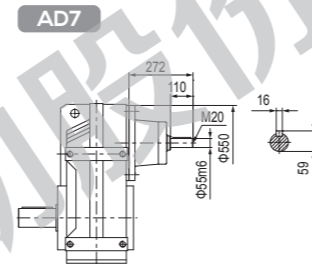
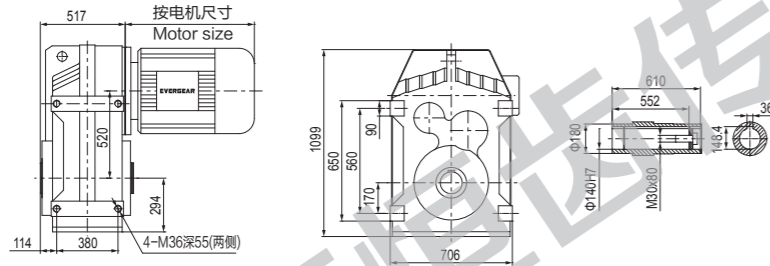
EF..S167



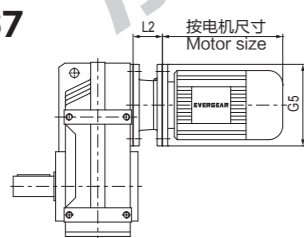
EFA167



EFAB167



EF..167



需方自配电机需加联接法兰  
Customers provide the motor by themselves need connected flange

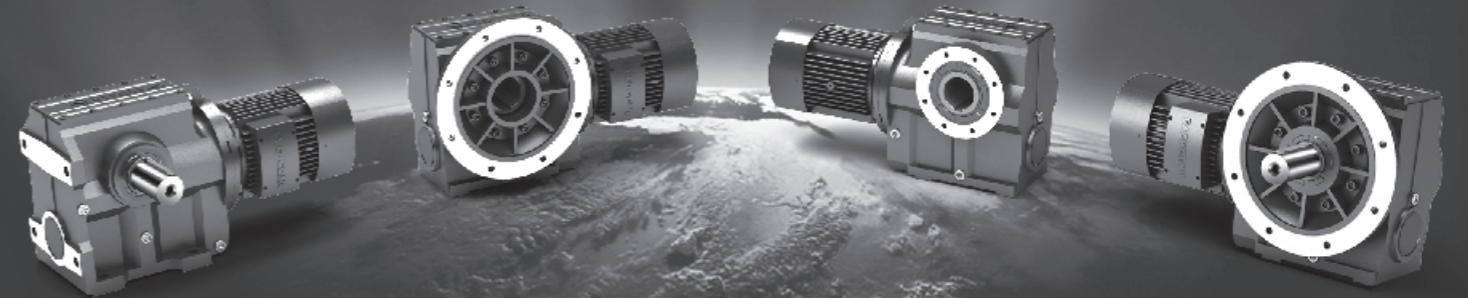
| Y2电机座号 Motor size | 160   | 180     | 200  | 225   | 250  | 280   | 315             |
|-------------------|-------|---------|------|-------|------|-------|-----------------|
| 功率4P Power/(kw)   | 11 15 | 18.5 22 | 30   | 37 45 | 55   | 75 90 | 110 132 160 200 |
| L2                | 107   | 107     | 118  | 156   | 167  | 167   | 171             |
| G5                | Φ350  | Φ350    | Φ400 | Φ450  | Φ550 | Φ550  | Φ660            |

注 Note  
1.以上壳体为通用件,安装尺寸可以互相参照。  
2."EF.."表示EF系列所有结构形式。  
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件,尺寸相同。  
4.带胀紧盘结构形式,胀紧盘尺寸详见008页。

1.The above housings are common parts, The mounting dimensions may consult each other.  
2."EF.." mean all mounting type of EF series.  
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.  
4.With expansion plate mounting type,see P008 for size details of expansion plate.

# ES Series

## 斜齿轮-蜗轮蜗杆减速机 Helical-Worm Gear Motor



EVERGEAR