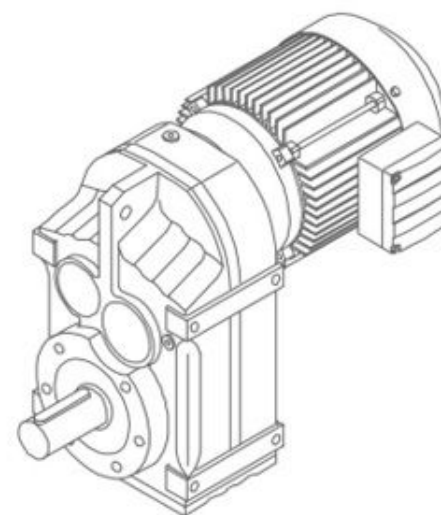


## Г мотор-редуктор з паралельним валом



## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

### Примітки до моделі



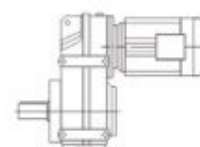
**F A 67/G D 80 N 4 / BMG / HF / TF / 109.04 / M1 / 180°**

1 2 3 4 5 6 7 8 9 10 11 12 13 14

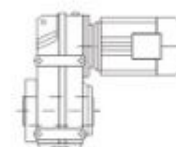
|                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                        |                                                        |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Код продукту</b><br>H - Косаубий мотор-редуктор<br>F - Косаубий мотор-редуктор з паралельним валом<br>K - Косаубий мотор-редуктор з паралельним валом<br>B - Косаубий мотор-редуктор з паралельним валом                                                                                                                                                                | <b>2 Модель агрегату</b><br>Без коду - кріплення на фланці<br>A - кріплення на горизонтальному валу<br>AF - кріплення на фланці з горизонтальним валом | <b>3 Розмір редуктора</b><br>67 - Розмір редуктора 67  | <b>4 Моментний важіль</b><br>Без коду - без моментного важеля<br>G - моментний важіль                                        | <b>5 Електричний мотор</b><br>D - трифазний асинхронний двигун (D 34)<br>TF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун |
| <b>6 Розмір рами</b><br>80 - Высота (центр двигателя 80 мм)                                                                                                                                                                                                                                                                                                                  | <b>7 Довжина статора</b><br>D, K, N, S, W, ML, L                                                                                                       | <b>8 Кількість полюсів</b><br>4-4 полюси               | <b>9 Гальмо</b><br>Без коду - без гальма<br>BMG - гальмо                                                                     | <b>10 Відпускання гальма</b><br>Без коду - без відпускання гальма<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун    |
| <b>11 Тепловий захист</b><br>Без коду - без теплового захисту<br>TF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун<br>YOF - трифазний асинхронний двигун | <b>12 Співвідношення</b><br>109.04 - Співвідношення 109.04                                                                                             | <b>13 Монтажна позиція</b><br>M1 - Монтажна позиція M1 | <b>14 Розташування клемної коробки</b><br>Навес коду - Положення клемної коробки 0°<br>180° - Положення клемної коробки 180° |                                                                                                                                                                                                                                                                                                                                                                                      |

### Варіанти виконання мотор-редукторів

Можуть поставлятися наступні типи мотор-редукторів з паралельним валом:

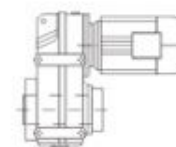


**F..D..**  
 Суцільний вал  
 Кріплення на рейку з різьбовими отворами

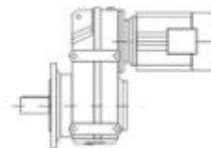


**FA..B D...**  
 Порожнистий вал зі шпонкою  
 Кріплення на рейку з різьбовими отворами

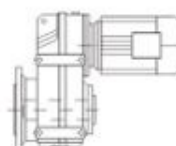
**FV..B D...**  
 Аплінований порожнистий вал  
 Кріплення на рейку з різьбовими отворами



**FN..B D...**  
 Порожнистий вал усадкової диска  
 Кріплення на рейку з різьбовими отворами



**FF..D..**  
 Суцільний вал  
 Фланцеве кріплення (фланець типу D і B5 з наскрізними отворами)



**FAF..D...**  
 Порожнистий вал зі шпонкою  
 Фланцеве кріплення (фланець у стилі D і B5 з наскрізними отворами)

**FVF.D...**  
 Порожнистий вал зі шпонкою  
 Фланцеве кріплення (фланець у стилі D і B5 з наскрізними отворами)

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

### Тип Поєднання

Нижче наведено таблицю комбінацій між коробкою передач та електродвигуном у кожному списку діапазону співвідношення.

| Розмір редуктора | Ступені | D63<br>D71                  | D80                      | D90                                                  | D100                                            | D112                        | D132S                       | D132M                       |
|------------------|---------|-----------------------------|--------------------------|------------------------------------------------------|-------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| F/FF/FA/FAF37    | 2       | 4.22-7.44<br>8.97-23.63     | 3.77-23.63               | 3.77-20.57                                           | 3.77-6.74<br>8.01-14.33<br>17.03                |                             |                             |                             |
| F/FF/FA/FAF37    | 3       | 23.88-128.51                | 23.88-100.36             | 23.88-51.70<br>58.32-86.53                           | 23.88-31.69<br>38.31<br>51.70<br>58.32<br>70.50 |                             |                             |                             |
| F/FF/FA/FAF47    | 2       | 6.34-8.96<br>13.93-30.86    | 4.99-30.86               | 4.99-30.86                                           | 4.99-25.72                                      |                             |                             |                             |
| F/FF/FA/FAF47    | 3       | 28.88-190.76                | 28.88-150.06             | 28.88-130.07                                         | 28.88-56.49<br>68.09-105.09                     |                             |                             |                             |
| F/FF/FA/FAF57    | 2       | 6.58-9.31<br>13.52-40.13    | 5.18-34.24               | 5.18-29.94                                           | 5.18-24.96                                      | 5.18-21.17                  |                             |                             |
| F/FF/FA/FAF57    | 3       | 30.15-199.70                | 30.15-157.09             | 30.15-136.16                                         | 30.15-58.97<br>83.46-110.01                     | 30.15-50.10<br>83.46-93.47  |                             |                             |
| F/FF/FA/FAF67    | 2       | 7.53-9.08<br>18.29-36.30    | 5.95-9.08<br>14.46-36.30 | 3.97-36.30                                           | 3.97-32.08                                      | 3.97-27.41                  | 3.97-22.05                  | 3.97-22.05                  |
| F/FF/FA/FAF67    | 3       | 43.20-228.99                | 34.01-195.39             | 34.01-170.85                                         | 34.01-142.40                                    | 34.01-67.65<br>90.59-120.79 | 34.01-53.73<br>90.59-95.94  | 34.01-53.73<br>90.59-95.94  |
| F/FF/FA/FAF77    | 2       | 21.43-36.58                 | 8.28-9.30<br>17.49-36.58 | 5.76-9.30<br>12.20-36.58                             | 4.28-36.58                                      | 4.28-31.51                  | 4.28-25.50                  | 4.28-25.50                  |
| F/FF/FA/FAF77    | 3       | 48.37-72.50<br>94.93-261.71 | 38.23-225.79             | 25.54-198.31                                         | 25.54-166.47                                    | 25.54-142.27                | 25.54-58.32<br>75.02-114.45 | 25.54-58.32<br>75.02-114.45 |
| F/FF/FA/FAF87    | 2       |                             | 23.68-33.92              | 7.35-8.29<br>17.12-33.92                             | 5.63-8.29<br>13.12-33.92                        | 5.63-8.29<br>13.12-33.92    | 4.12-33.92                  | 4.12-33.92                  |
| F/FF/FA/FAF87    | 3       |                             | 109.49-270.68            | 39.30-50.36<br>76.39-270.68                          | 29.20-228.93                                    | 29.20-197.20                | 29.20-159.61                | 29.20-159.61                |
| F/FF/FA/FAF97    | 2       |                             |                          | 9.06<br>22.11-43.28                                  | 7.07-9.06<br>17.25-43.28                        | 7.07-9.06<br>17.25-43.28    | 4.57-43.28                  | 4.57-43.28                  |
| F/FF/FA/FAF97    | 3       |                             |                          | 58.06-72.29<br>80.31<br>89.85-97.58<br>112.99-276.77 | 44.49-72.29<br>80.31-276.77                     | 44.49-72.29<br>80.31-276.77 | 32.50-223.88                | 32.50-223.88                |
| F/FF/FA/FAF107   | 2       |                             |                          |                                                      | 21.76-33.79                                     | 21.76-33.79                 | 7.40-9.69<br>14.67-33.79    | 7.40-9.69<br>14.67-33.79    |
| F/FF/FA/FAF107   | 3       |                             |                          |                                                      | 58.12-83.99<br>92.47-254.40                     | 58.12-83.99<br>92.47-254.40 | 37.61-254.40                | 37.61-254.40                |
| F/FF/FA/FAF127   | 2       |                             |                          |                                                      |                                                 |                             |                             | 7.88-8.86<br>14.55-26.86    |
| F/FF/FA/FAF127   | 3       |                             |                          |                                                      |                                                 |                             |                             | 37.28-170.83                |

**FHF..D..**  
Порожнистий вал усадкової диска  
Фланцеве кріплення (фланець типу D і B5 з  
наскрізними отворами)

**FA...D...**  
Порожнистий вал зі шпонкою  
Кріплення валу

**FV..D..**  
Шліцьовий порожнистий вал  
Кріплення валу

**FH...D..**  
Порожнистий вал усадкової диска  
Кріплення валу

**FAZ..D...**  
Порожнистий вал зі шпонкою  
Лицьове кріплення (фланець C& B14 з  
різьбленими отворами)

**FVZ..D...**  
Порожнистий вал зі шпонкою  
Лицьове кріплення (фланець C& B14 з  
різьбленими отворами)

**FHZ..D...**  
Порожнистий вал усадкової диска  
Лицьове кріплення (фланець стилю C і B14 з  
різьбленими отворами)

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом



| Розмір редуктора | Ступені | D132ML                       | D160M                        | D160L                        | D180                                  | D200                                           |
|------------------|---------|------------------------------|------------------------------|------------------------------|---------------------------------------|------------------------------------------------|
| F/FF/FA/FAF77    | 2       | 4.28-19.70                   | 4.28-19.70                   |                              |                                       |                                                |
| F/FF/FA/FAF77    | 3       | 25.54-43.58                  | 25.54-43.58                  |                              |                                       |                                                |
| F/FF/FA/FAF87    | 2       | 4.12-26.50                   | 4.12-26.50                   | 4.12-26.50                   | 4.12-21.32                            |                                                |
| F/FF/FA/FAF87    | 3       | 29.20-123.29                 | 29.20-123.29                 | 29.20-123.29                 | 29.20-50.38                           |                                                |
| F/FF/FA/FAF97    | 2       | 4.57-33.91                   | 4.57-33.91                   | 4.57-33.91                   | 4.57-27.44                            | 4.57-22.11                                     |
| F/FF/FA/FAF97    | 3       | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-75.63<br>86.59<br>102.16-140.71 | 32.50-58.06<br>75.63<br>86.59<br>102.16-112.99 |
| F/FF/FA/FAF107   | 2       | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-33.79                            | 6.22-27.57                                     |
| F/FF/FA/FAF107   | 3       | 31.80-199.31                 | 31.80-199.31                 | 31.80-199.31                 | 31.80-161.28                          | 31.80-74.52<br>88.49<br>101.38-129.97          |
| F/FF/FA/FAF127   | 2       | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 5.52-26.86                            | 4.68-26.86                                     |
| F/FF/FA/FAF127   | 3       | 31.33-170.83                 | 31.33-170.83                 | 31.33-170.83                 | 25.30-153.67                          | 25.30-125.37                                   |
| F/FF/FA/FAF157   | 2       |                              | 16.85-53.55                  | 16.85-53.55                  | 13.96-43.94                           | 11.92-35.75                                    |
| F/FF/FA/FAF157   | 3       |                              | 40.06-267.43                 | 40.06-267.43                 | 32.55-217.62                          | 27.60-178.20                                   |

| Розмір редуктора | Ступені | D225                                  | D250M                       | D260                        | D315                        | D315M-a/b   |
|------------------|---------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| F/FF/FA/FAF107   | 2       | 6.22-27.57                            |                             |                             |                             |             |
| F/FF/FA/FAF107   | 3       | 31.80-74.52<br>88.49<br>101.38-129.97 |                             |                             |                             |             |
| F/FF/FA/FAF127   | 2       | 4.68-26.86                            | 4.68-21.38                  | 4.68-21.38                  |                             |             |
| F/FF/FA/FAF127   | 3       | 25.30-125.37                          | 25.30-55.31<br>75.41-98.95  | 25.30-55.31<br>75.41-98.95  |                             |             |
| F/FF/FA/FAF157   | 2       | 11.92-35.75                           | 11.92-28.60                 | 11.92-28.60                 | 11.92-22.16                 | 11.92-16.85 |
| F/FF/FA/FAF157   | 3       | 27.60-178.20                          | 27.60-68.28<br>96.53-141.80 | 27.60-68.28<br>96.53-141.80 | 27.60-52.24<br>96.53-108.49 | 27.60-40.06 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{\text{доп}}$<br>[N] | Коефіцієнт<br>обслуговування<br>$K_f$ | Модель     | Полос |
|---------------------------------------|-----------------------------------|-----------------------|---------------------------------------------------|---------------------------------------|------------|-------|
| <b>0.12KW</b>                         |                                   |                       |                                                   |                                       |            |       |
| 0.06                                  | 15000                             | 22323                 | 84600                                             | 0.80                                  |            |       |
| 0.07                                  | 12600                             | 19048                 | 89300                                             | 0.95                                  | FA 127R77  | 4     |
| 0.08                                  | 10800                             | 16656                 | 90000                                             | 1.10                                  | FAF 127R77 | 4     |
| 0.09                                  | 9870                              | 14722                 | 90000                                             | 1.20                                  | F 127R77   | 4     |
| 0.11                                  | 7980                              | 12912                 | 90000                                             | 1.50                                  | FF 127R77  | 4     |
| 0.12                                  | 7090                              | 11656                 | 90000                                             | 1.70                                  |            |       |
| 0.14                                  | 6300                              | 10191                 | 90000                                             | 1.90                                  |            |       |
| 0.09                                  | 9590                              | 14767                 | 44400                                             | 0.80                                  |            |       |
| 0.12                                  | 7610                              | 11348                 | 50000                                             | 1.00                                  |            |       |
| 0.14                                  | 5890                              | 10039                 | 54300                                             | 1.30                                  | FA 107R77  | 4     |
| 0.16                                  | 4880                              | 8548                  | 56600                                             | 1.55                                  | FAF 107R77 | 4     |
| 0.18                                  | 4740                              | 7674                  | 56900                                             | 1.60                                  | F 107R77   | 4     |
| 0.20                                  | 4120                              | 6767                  | 58200                                             | 1.85                                  | FF 107R77  | 4     |
| 0.23                                  | 3530                              | 5954                  | 59400                                             | 2.2                                   |            |       |
| 0.26                                  | 3070                              | 5223                  | 60300                                             | 2.5                                   |            |       |
| 0.30                                  | 2890                              | 4567                  | 60600                                             | 2.7                                   |            |       |
| 0.39                                  | 2140                              | 3521                  | 61900                                             | 3.6                                   |            |       |
| 0.19                                  | 4800                              | 7328                  | 23100                                             | 0.90                                  | FA 97 R57  | 4     |
| 0.21                                  | 4040                              | 6469                  | 30700                                             | 1.05                                  | FAF 97 R57 | 4     |
| 0.25                                  | 3680                              | 5615                  | 31600                                             | 1.15                                  | F 97 R57   | 4     |
| 0.28                                  | 3200                              | 4961                  | 32800                                             | 1.35                                  | FF 97 R57  | 4     |
| 0.32                                  | 2800                              | 4333                  | 33800                                             | 1.55                                  |            |       |
| 0.35                                  | 2550                              | 3806                  | 34300                                             | 1.70                                  | FA 97 R57  | 4     |
| 0.41                                  | 2210                              | 3352                  | 35000                                             | 1.95                                  | FAF 97 R57 | 4     |
| 0.47                                  | 1820                              | 2907                  | 36700                                             | 2.4                                   | F 97 R57   | 4     |
| 0.54                                  | 1670                              | 2553                  | 38000                                             | 2.6                                   | FF 97 R57  | 4     |
| 0.28                                  | 3250                              | 4954                  | 3640                                              | 0.90                                  | FA 87 R57  | 4     |
| 0.33                                  | 2690                              | 4245                  | 24100                                             | 1.10                                  | FAF 87 R57 | 4     |
| 0.37                                  | 2200                              | 3721                  | 25800                                             | 1.35                                  | F 87 R57   | 4     |
|                                       |                                   |                       |                                                   |                                       | FF 87 R57  | 4     |
| 0.43                                  | 2140                              | 3244                  | 26000                                             | 1.40                                  |            |       |
| 0.48                                  | 1900                              | 2881                  | 26700                                             | 1.60                                  |            |       |
| 0.54                                  | 1700                              | 2576                  | 27300                                             | 1.75                                  |            |       |
| 0.63                                  | 1440                              | 2199                  | 28000                                             | 2.1                                   | FA 87 R57  | 4     |
| 0.72                                  | 1240                              | 1930                  | 28400                                             | 2.4                                   | FAF 87 R57 | 4     |
| 0.81                                  | 1120                              | 1709                  | 28700                                             | 2.7                                   | F 87 R57   | 4     |
| 0.92                                  | 980                               | 1493                  | 29000                                             | 3.0                                   | FF 87 R57  | 4     |
| 1.1                                   | 785                               | 1300                  | 29400                                             | 3.6                                   |            |       |
| 1.2                                   | 710                               | 1148                  | 29500                                             | 4.2                                   |            |       |
| 0.53                                  | 1750                              | 2613                  | 13800                                             | 0.85                                  | FA 77 R37  | 4     |
| 0.60                                  | 1520                              | 2284                  | 15600                                             | 1.00                                  | FAF 77 R37 | 4     |
| 0.68                                  | 1340                              | 2029                  | 16700                                             | 1.10                                  | F 77 R37   | 4     |
|                                       |                                   |                       |                                                   |                                       | FF 77 R37  | 4     |
| 0.80                                  | 1130                              | 1728                  | 17800                                             | 1.35                                  |            |       |
| 0.89                                  | 1040                              | 1544                  | 18200                                             | 1.45                                  |            |       |
| 1.0                                   | 910                               | 1354                  | 18600                                             | 1.65                                  | FA 77 R37  | 4     |
| 1.1                                   | 810                               | 1200                  | 19000                                             | 1.85                                  | FAF 77 R37 | 4     |
| 1.3                                   | 710                               | 1053                  | 19200                                             | 2.1                                   | F 77 R37   | 4     |
| 1.5                                   | 605                               | 910                   | 19500                                             | 2.5                                   | FF 77 R37  | 4     |
| 1.7                                   | 510                               | 810                   | 19700                                             | 2.9                                   |            |       |
| 1.9                                   | 445                               | 710                   | 19800                                             | 3.4                                   |            |       |
| 0.97                                  | 920                               | 1429                  | 9270                                              | 0.90                                  |            |       |
| 1.1                                   | 830                               | 1271                  | 10200                                             | 1.00                                  |            |       |
| 1.2                                   | 700                               | 1102                  | 11300                                             | 1.15                                  | FA 67 R37  | 4     |
| 1.4                                   | 615                               | 970                   | 11800                                             | 1.35                                  | FAF 67 R37 | 4     |
| 1.6                                   | 540                               | 858                   | 12200                                             | 1.50                                  | F 67 R37   | 4     |
| 1.8                                   | 475                               | 755                   | 12500                                             | 1.95                                  | FF 67 R37  | 4     |
| 2.2                                   | 405                               | 641                   | 12800                                             | 2.0                                   |            |       |
| 2.4                                   | 375                               | 572                   | 12900                                             | 2.2                                   |            |       |
| 2.7                                   | 320                               | 509                   | 13000                                             | 2.6                                   |            |       |
| 3.2                                   | 275                               | 437                   | 13000                                             | 3.0                                   |            |       |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{\text{доп}}$<br>[N] | Коефіцієнт<br>обслуговування<br>$K_f$ | Модель    | Полос |
|---------------------------------------|-----------------------------------|-----------------------|---------------------------------------------------|---------------------------------------|-----------|-------|
| <b>0.12KW</b>                         |                                   |                       |                                                   |                                       |           |       |
| 1.4                                   | 655                               | 967                   | 5860                                              | 0.90                                  |           |       |
| 1.6                                   | 585                               | 851                   | 9320                                              | 1.05                                  | FA 57R37  | 4     |
| 1.9                                   | 500                               | 738                   | 9920                                              | 1.20                                  | FAF 57R37 | 4     |
| 2.1                                   | 435                               | 646                   | 10400                                             | 1.40                                  | F 57R37   | 4     |
| 2.5                                   | 370                               | 558                   | 10700                                             | 1.60                                  | FF 57R37  | 4     |
| 2.7                                   | 330                               | 506                   | 11000                                             | 1.80                                  |           |       |
| 3.0                                   | 285                               | 452                   | 11200                                             | 2.1                                   |           |       |
| 3.2                                   | 295                               | 426                   | 11200                                             | 2.0                                   | FA 57R37  | 4     |
| 3.6                                   | 260                               | 382                   | 11300                                             | 2.3                                   | FAF 57R37 | 4     |
| 4.2                                   | 225                               | 330                   | 11500                                             | 2.7                                   | F 57R37   | 4     |
| 4.6                                   | 200                               | 298                   | 11500                                             | 3.0                                   | FF 57R37  | 4     |
| 5.3                                   | 177                               | 262                   | 11500                                             | 3.1                                   |           |       |
| 2.2                                   | 425                               | 622                   | 3390                                              | 0.95                                  | FA 47R17  | 4     |
| 2.5                                   | 370                               | 543                   | 6320                                              | 1.10                                  | FAF 47R17 | 4     |
| 2.9                                   | 320                               | 475                   | 6890                                              | 1.25                                  | F 47R17   | 4     |
| 3.3                                   | 280                               | 419                   | 7250                                              | 1.45                                  | FF 47R17  | 4     |
| 2.6                                   | 365                               | 524                   | 6390                                              | 1.10                                  |           |       |
| 2.8                                   | 340                               | 489                   | 6690                                              | 1.20                                  | FA 47R17  | 4     |
| 3.2                                   | 290                               | 427                   | 7130                                              | 1.35                                  | FAF 47R17 | 4     |
| 3.6                                   | 260                               | 381                   | 7400                                              | 1.55                                  | F 47R17   | 4     |
| 4.1                                   | 225                               | 334                   | 7610                                              | 1.75                                  | FF 47R17  | 4     |
| 4.7                                   | 198                               | 295                   | 7780                                              | 2.0                                   |           |       |
| 5.4                                   | 166                               | 253                   | 7940                                              | 2.4                                   |           |       |
| 4.3                                   | 210                               | 322                   | 4130                                              | 0.95                                  | FA 37R17  | 4     |
| 5.0                                   | 184                               | 278                   | 4510                                              | 1.10                                  | FAF 37R17 | 4     |
| 5.7                                   | 157                               | 242                   | 4810                                              | 1.30                                  | F 37R17   | 4     |
| 6.2                                   | 149                               | 221                   | 4890                                              | 1.35                                  | FF 37R17  | 4     |
| 4.2                                   | 225                               | 326                   | 3890                                              | 0.90                                  |           |       |
| 4.8                                   | 195                               | 285                   | 4370                                              | 1.05                                  | FA 37R17  | 4     |
| 5.5                                   | 170                               | 250                   | 4670                                              | 1.20                                  | FAF 37R17 | 4     |
| 6.3                                   | 150                               | 219                   | 4880                                              | 1.35                                  | F 37R17   | 4     |
| 7.4                                   | 127                               | 186                   | 5080                                              | 1.60                                  | FF 37R17  | 4     |
| 8.3                                   | 114                               | 167                   | 5170                                              | 1.75                                  |           |       |
| 3.9                                   | 290                               | 228399                | 13000                                             | 2.8                                   | FA 67     | 6     |
| 4.6                                   | 250                               | 195.39                | 13000                                             | 3.3                                   | FAF 67    | 6     |
| 5.3                                   | 220                               | 170.85                | 13000                                             | 3.8                                   | F 67      | 6     |
| 5.6                                   | 205                               | 162.21                | 13000                                             | 4.0                                   | FF 67     | 6     |
| 6.3                                   | 181                               | 142.40                | 13000                                             | 4.5                                   |           |       |
| 4.5                                   | 255                               | 199.70                | 11400                                             | 2.4                                   | FA 57     | 6     |
| 4.9                                   | 235                               | 183.60                | 11500                                             | 2.6                                   | FAF 57    | 6     |
| 5.7                                   | 200                               | 157.09                | 11500                                             | 3.0                                   | F 57      | 6     |
| 6.6                                   | 173                               | 136.16                | 11500                                             | 3.5                                   | FF 57     | 6     |
| 7.1                                   | 162                               | 127.27                | 11500                                             | 3.7                                   |           |       |
| 6.9                                   | 166                               | 199.70                | 11500                                             | 3.6                                   | FA 57     | 4     |
| 7.5                                   | 153                               | 183.60                | 11500                                             | 3.9                                   | FAF 57    | 4     |
| 8.8                                   | 130                               | 157.09                | 11500                                             | 4.6                                   | F 57      | 4     |
| 10                                    | 113                               | 136.16                | 11500                                             | 5.3                                   | FF 57     | 4     |
| 4.7                                   | 245                               | 190.76                | 7510                                              | 1.65                                  |           |       |
| 5.1                                   | 225                               | 175.38                | 7640                                              | 1.80                                  |           |       |
| 6.0                                   | 191                               | 150.06                | 7820                                              | 2.1                                   | FA 47     | 6     |
| 6.9                                   | 166                               | 130.07                | 7940                                              | 2.4                                   | FAF 47    | 6     |
| 7.4                                   | 155                               | 121.57                | 7990                                              | 2.6                                   | F 47      | 6     |
| 8.6                                   | 134                               | 105.09                | 8070                                              | 3.0                                   | FF 47     | 6     |
| 10                                    | 114                               | 89.29                 | 8130                                              | 3.5                                   |           |       |
| 11                                    | 102                               | 79.72                 | 8160                                              | 3.9                                   |           |       |
| 7.2                                   | 158                               | 190.76                | 7970                                              | 2.5                                   | FA 47     |       |
| 7.9                                   | 146                               | 175.38                | 8020                                              | 2.8                                   | FAF 47    |       |
| 9.2                                   | 125                               | 150.06                | 8100                                              | 3.2                                   | F 47      |       |
| 11                                    | 108                               | 130.07                | 8150                                              | 3.7                                   | FF 47     |       |
| 7.0                                   | 164                               | 128.51                | 4740                                              | 1.20                                  | FA 37     | 6     |
| 7.6                                   | 150                               | 117.88                | 4880                                              | 1.35                                  | FAF 37    | 6     |
| 9.0                                   | 128                               | 100.36                | 5070                                              | 1.55                                  | F 37      | 6     |
| 10                                    | 110                               | 86.53                 | 5190                                              | 1.80                                  | FF 37     | 6     |
| 11                                    | 103                               | 80.65                 | 5240                                              | 1.95                                  |           |       |



## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зчеплення<br>$F_{\text{н}}/F_{\text{н}}^{\text{н}} \cdot 100$ | Коефіцієнт обслуговування<br>$K_F$ | Модель | Полос   | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------------------------------------|------------------------------------|--------|---------|---|
| <b>0.12KW</b>                         |                                   |                       |                                                                         |                                    |        |         |   |
| 11                                    | 107                               | 128.51                | 5220                                                                    | 1.85                               |        |         |   |
| 12                                    | 98                                | 117.88                | 5270                                                                    | 2.0                                |        |         |   |
| 14                                    | 83                                | 100.36                | 5340                                                                    | 2.4                                |        |         |   |
| 16                                    | 72                                | 86.53                 | 5400                                                                    | 2.8                                |        |         |   |
| 17                                    | 67                                | 50.65                 | 5410                                                                    | 3.0                                |        |         |   |
| 20                                    | 59                                | 70.50                 | 5440                                                                    | 3.4                                |        |         |   |
| 21                                    | 55                                | 66.09                 | 5460                                                                    | 3.6                                | FA     | 37      | 4 |
| 24                                    | 48                                | 58.32                 | 5470                                                                    | 4.1                                | FAF    | 37      | 4 |
| 25                                    | 45                                | 54.54                 | 5480                                                                    | 4.4                                | F      | 37      | 4 |
| 27                                    | 43                                | 51.70                 | 5490                                                                    | 4.7                                | FF     | 37      | 4 |
| 29                                    | 39                                | 47.02                 | 5500                                                                    | 5.1                                |        |         |   |
| 31                                    | 36                                | 43.83                 | 5500                                                                    | 5.5                                |        |         |   |
| 36                                    | 32                                | 38.31                 | 5510                                                                    | 6.3                                |        |         |   |
| 38                                    | 30                                | 35.91                 | 5520                                                                    | 6.7                                |        |         |   |
| 44                                    | 26                                | 31.69                 | 5520                                                                    | 7.6                                |        |         |   |
| 49                                    | 23                                | 28.09                 | 5520                                                                    | 8.6                                |        |         |   |
| 58                                    | 20                                | 23.88                 | 5270                                                                    | 10                                 |        |         |   |
| 58                                    | 20                                | 23.63                 | 5250                                                                    | 10                                 |        |         |   |
| 67                                    | 17                                | 20.57                 | 5030                                                                    | 12                                 |        |         |   |
| 72                                    | 16                                | 19.27                 | 4930                                                                    | 13                                 |        |         |   |
| 81                                    | 14                                | 17.03                 | 4740                                                                    | 14                                 |        |         |   |
| 89                                    | 13                                | 15.81                 | 4630                                                                    | 15                                 |        |         |   |
| 96                                    | 12                                | 14.33                 | 4490                                                                    | 17                                 |        |         |   |
| 107                                   | 11                                | 12.87                 | 4330                                                                    | 19                                 | FA     | 37      | 4 |
| 125                                   | 9.2                               | 11.08                 | 4130                                                                    | 21                                 | FAF    | 37      | 4 |
| 132                                   | 87                                | 10.42                 | 4050                                                                    | 21                                 | F      | 37      | 4 |
| 154                                   | 7.4                               | 8.97                  | 3860                                                                    | 24                                 | FF     | 37      | 4 |
| 186                                   | 6.2                               | 7.44                  | 3630                                                                    | 23                                 |        |         |   |
| 205                                   | 5.6                               | 6.44                  | 3510                                                                    | 25                                 |        |         |   |
| 228                                   | 5.0                               | 6.05                  | 3390                                                                    | 27                                 |        |         |   |
| 265                                   | 4.3                               | 5.21                  | 3230                                                                    | 29                                 |        |         |   |
| 282                                   | 4.1                               | 4.90                  | 3170                                                                    | 29                                 |        |         |   |
| 327                                   | 3.5                               | 4.22                  | 3020                                                                    | 31                                 |        |         |   |
| <b>0.18KW</b>                         |                                   |                       |                                                                         |                                    |        |         |   |
| 0.10                                  | 13500                             | 12912                 | 87500                                                                   | 0.90                               | FA     | 127 R77 | 4 |
| 0.11                                  | 12100                             | 11656                 | 90000                                                                   | 1.00                               | FAF    | 127 R77 | 4 |
| 0.13                                  | 10700                             | 10191                 | 90000                                                                   | 1.10                               | F      | 127 R77 | 4 |
| 0.15                                  | 8980                              | 8831                  | 90000                                                                   | 1.35                               | FF     | 127 R77 | 4 |
| 0.17                                  | 7770                              | 7643                  | 90000                                                                   | 1.55                               |        |         |   |
| 0.20                                  | 7150                              | 6715                  | 90000                                                                   | 1.70                               |        |         |   |
| 0.15                                  | 8560                              | 8548                  | 47400                                                                   | 0.90                               |        |         |   |
| 0.17                                  | 8050                              | 7674                  | 28800                                                                   | 0.95                               | FA     | 107 R77 | 4 |
| 0.20                                  | 7030                              | 6767                  | 51500                                                                   | 1.10                               | FAF    | 107 R77 | 4 |
| 0.22                                  | 6090                              | 5954                  | 53800                                                                   | 1.25                               | F      | 107 R77 | 4 |
| 0.25                                  | 5310                              | 5223                  | 55600                                                                   | 1.45                               | FF     | 107 R77 | 4 |
| 0.29                                  | 4860                              | 4567                  | 56600                                                                   | 1.60                               |        |         |   |
| 0.37                                  | 3660                              | 3521                  | 59100                                                                   | 2.1                                |        |         |   |
| 0.43                                  | 3170                              | 3037                  | 60100                                                                   | 2.4                                | FA     | 107 R77 | 4 |
| 0.48                                  | 2880                              | 2756                  | 60600                                                                   | 2.7                                | FAF    | 107 R77 | 4 |
| 0.56                                  | 2470                              | 2369                  | 61400                                                                   | 3.1                                | F      | 107 R77 | 4 |
| 0.64                                  | 2160                              | 2068                  | 61900                                                                   | 3.6                                | FF     | 107 R77 | 4 |
| 0.30                                  | 4660                              | 4330                  | 27900                                                                   | 0.90                               | FA     | 97 R57  | 4 |
|                                       |                                   |                       |                                                                         |                                    | FAF    | 97 R57  | 4 |
|                                       |                                   |                       |                                                                         |                                    | F      | 97 R57  | 4 |
|                                       |                                   |                       |                                                                         |                                    | FF     | 107 R77 | 4 |
| 0.34                                  | 4260                              | 3906                  | 30000                                                                   | 1.00                               |        |         |   |
| 0.39                                  | 3670                              | 3352                  | 31600                                                                   | 1.15                               |        |         |   |
| 0.45                                  | 3100                              | 2907                  | 33100                                                                   | 1.40                               | FA     | 97 R57  | 4 |
| 0.52                                  | 2790                              | 2553                  | 33800                                                                   | 1.55                               | FAF    | 97 R57  | 4 |
| 0.59                                  | 2450                              | 2245                  | 34500                                                                   | 1.75                               | F      | 97 R57  | 4 |
| 0.67                                  | 2130                              | 1970                  | 35200                                                                   | 2.0                                | FF     | 97 R57  | 4 |
| 0.77                                  | 1890                              | 1722                  | 35600                                                                   | 2.3                                |        |         |   |
| 0.86                                  | 1670                              | 1527                  | 36000                                                                   | 2.6                                |        |         |   |
| 0.99                                  | 1380                              | 1327                  | 36500                                                                   | 3.1                                |        |         |   |
| 1.1                                   | 1280                              | 1171                  | 36600                                                                   | 3.3                                |        |         |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зчеплення<br>$F_{\text{н}}/F_{\text{н}}^{\text{н}} \cdot 100$ | Коефіцієнт обслуговування<br>$K_F$ | Модель | Полос  | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------------------------------------|------------------------------------|--------|--------|---|
| <b>0.18KW</b>                         |                                   |                       |                                                                         |                                    |        |        |   |
| 0.46                                  | 3160                              | 2881                  | 12300                                                                   | 0.95                               |        |        |   |
| 0.51                                  | 2820                              | 2576                  | 23600                                                                   | 1.05                               |        |        |   |
| 0.60                                  | 2400                              | 2199                  | 25200                                                                   | 1.25                               |        |        |   |
| 0.68                                  | 2080                              | 1930                  | 26200                                                                   | 1.45                               | FA     | 87 R57 | 4 |
| 0.77                                  | 1860                              | 1709                  | 26800                                                                   | 1.60                               | FAF    | 87 R57 | 4 |
| 0.88                                  | 1640                              | 1493                  | 27500                                                                   | 1.85                               | F      | 87 R57 | 4 |
| 1.0                                   | 1350                              | 1300                  | 28200                                                                   | 2.2                                | FF     | 87 R57 | 4 |
| 1.1                                   | 1210                              | 1148                  | 28500                                                                   | 2.5                                |        |        |   |
| 1.3                                   | 1050                              | 1010                  | 28900                                                                   | 2.9                                |        |        |   |
| 1.5                                   | 940                               | 887                   | 29100                                                                   | 3.2                                |        |        |   |
| 1.7                                   | 810                               | 780                   | 29400                                                                   | 3.7                                |        |        |   |
| 0.76                                  | 1880                              | 1728                  | 7810                                                                    | 0.80                               |        |        |   |
| 0.86                                  | 1710                              | 1544                  | 14100                                                                   | 0.90                               |        |        |   |
| 0.98                                  | 1500                              | 1354                  | 15700                                                                   | 1.00                               |        |        |   |
| 1.1                                   | 1330                              | 1200                  | 16800                                                                   | 1.15                               | FA     | 77 R37 | 4 |
| 1.2                                   | 1170                              | 1053                  | 17600                                                                   | 1.30                               | FAF    | 77 R37 | 4 |
| 1.5                                   | 1000                              | 910                   | 18300                                                                   | 1.50                               | F      | 77 R37 | 4 |
| 1.6                                   | 860                               | 810                   | 18800                                                                   | 1.75                               | FF     | 77 R37 | 4 |
| 1.9                                   | 755                               | 710                   | 19100                                                                   | 2.0                                |        |        |   |
| 2.2                                   | 670                               | 615                   | 19300                                                                   | 2.2                                |        |        |   |
| 1.5                                   | 910                               | 858                   | 9370                                                                    | 0.90                               |        |        |   |
| 1.8                                   | 800                               | 755                   | 10400                                                                   | 1.00                               | FA     | 67 R37 | 4 |
| 2.1                                   | 685                               | 641                   | 11400                                                                   | 1.20                               | FAF    | 67 R37 | 4 |
| 2.3                                   | 625                               | 572                   | 11800                                                                   | 1.30                               | F      | 67 R37 | 4 |
| 2.6                                   | 540                               | 509                   | 12200                                                                   | 1.50                               | FF     | 67 R37 | 4 |
| 3.0                                   | 470                               | 437                   | 12600                                                                   | 1.75                               |        |        |   |
| 3.4                                   | 420                               | 384                   | 12700                                                                   | 1.95                               |        |        |   |
| 2.6                                   | 560                               | 500                   | 12100                                                                   | 1.45                               |        |        |   |
| 2.9                                   | 510                               | 454                   | 12400                                                                   | 1.60                               | FA     | 67 R37 | 4 |
| 3.4                                   | 440                               | 392                   | 12700                                                                   | 1.85                               | FAF    | 67 R37 | 4 |
| 4.0                                   | 370                               | 333                   | 12900                                                                   | 2.2                                | F      | 67 R37 | 4 |
| 4.4                                   | 325                               | 297                   | 13000                                                                   | 2.5                                | FF     | 67 R37 | 4 |
| 5.1                                   | 285                               | 261                   | 13000                                                                   | 2.9                                |        |        |   |
| 5.6                                   | 260                               | 238                   | 13000                                                                   | 3.2                                |        |        |   |
| 6.6                                   | 215                               | 200                   | 13000                                                                   | 3.8                                |        |        |   |
| 2.4                                   | 615                               | 558                   | 9080                                                                    | 1.00                               | FA     | 57 R37 | 4 |
| 2.6                                   | 550                               | 506                   | 9560                                                                    | 1.10                               | FAF    | 57 R37 | 4 |
| 2.9                                   | 485                               | 452                   | 10000                                                                   | 1.25                               | F      | 57 R37 | 4 |
| 3.4                                   | 415                               | 386                   | 10500                                                                   | 1.45                               | FF     | 57 R37 | 4 |
| 3.9                                   | 360                               | 338                   | 10800                                                                   | 1.65                               |        |        |   |
| 3.1                                   | 485                               | 426                   | 10000                                                                   | 1.25                               |        |        |   |
| 3.5                                   | 430                               | 382                   | 10400                                                                   | 1.40                               | FA     | 57 R37 | 4 |
| 4.0                                   | 370                               | 330                   | 10700                                                                   | 1.60                               | FAF    | 57 R37 | 4 |
| 4.4                                   | 335                               | 298                   | 11000                                                                   | 1.80                               | F      | 57 R37 | 4 |
| 5.0                                   | 290                               | 262                   | 11200                                                                   | 2.0                                | FF     | 57 R37 | 4 |
| 5.8                                   | 250                               | 226                   | 11400                                                                   | 2.4                                |        |        |   |
| 6.6                                   | 215                               | 200                   | 11500                                                                   | 2.8                                |        |        |   |
| 3.6                                   | 400                               | 370                   | 5920                                                                    | 1.00                               | FA     | 47 R17 | 4 |
| 4.1                                   | 365                               | 324                   | 6410                                                                    | 1.10                               | FAF    | 47 R17 | 4 |
| 4.6                                   | 315                               | 288                   | 6910                                                                    | 1.25                               | F      | 47 R17 | 4 |
| 5.3                                   | 270                               | 249                   | 7310                                                                    | 1.50                               | FF     | 47 R17 | 4 |
| 4.0                                   | 375                               | 334                   | 6260                                                                    | 1.05                               |        |        |   |
| 4.5                                   | 330                               | 295                   | 6780                                                                    | 1.20                               | FA     | 47 R17 | 4 |
| 5.2                                   | 280                               | 253                   | 7250                                                                    | 1.45                               | FAF    | 47 R17 | 4 |
| 6.1                                   | 245                               | 217                   | 7490                                                                    | 1.60                               | F      | 47 R17 | 4 |
| 7.0                                   | 215                               | 190                   | 7690                                                                    | 1.85                               | FF     | 47 R17 | 4 |
| 7.4                                   | 200                               | 178                   | 7770                                                                    | 2.0                                |        |        |   |
| 7.1                                   | 210                               | 186                   | 4160                                                                    | 0.95                               | FA     | 37 R17 | 4 |
| 7.9                                   | 188                               | 167                   | 4460                                                                    | 1.05                               | FAF    | 37 R17 | 4 |
| 9.1                                   | 166                               | 145                   | 4720                                                                    | 1.20                               | F      | 37 R17 | 4 |
| 10                                    | 146                               | 129                   | 4910                                                                    | 1.35                               | FF     | 37 R17 | 4 |
| 3.1                                   | 555                               | 261.71                | 19600                                                                   | 2.7                                | FA     | 77     | 6 |
| 3.3                                   | 520                               | 262.93                | 19700                                                                   | 2.9                                | FAF    | 77     | 6 |
| 3.8                                   | 445                               | 225.79                | 19800                                                                   | 3.4                                | F      | 77     | 6 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зчеплення<br>$F_{\text{н}}/F_{\text{н}}^{\text{н}} \cdot 100$ | Коефіцієнт обслуговування<br>$K_F$ | Модель | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------------------------------------|------------------------------------|--------|-------|---|
| 0.18KW                                |                                   |                       |                                                                         |                                    |        |       |   |
| 3.8                                   | 450                               | 228.99                | 12600                                                                   | 1.80                               | FA     | 77    | 6 |
| 4.4                                   | 385                               | 195.39                | 12900                                                                   | 2.1                                | FAF    | 77    | 6 |
| 5.1                                   | 340                               | 170.85                | 13000                                                                   | 2.4                                | F      | 77    | 6 |
|                                       |                                   |                       |                                                                         |                                    | FF     | 77    | 6 |
| 5.8                                   | 300                               | 228.99                | 13000                                                                   | 2.8                                | FA     | 67    | 4 |
| 6.8                                   | 255                               | 195.39                | 13000                                                                   | 3.2                                | FAF    | 67    | 4 |
| 7.7                                   | 225                               | 170.85                | 13000                                                                   | 3.7                                | F      | 67    | 4 |
|                                       |                                   |                       |                                                                         |                                    | FF     | 67    | 4 |
| 4.4                                   | 395                               | 199.70                | 10600                                                                   | 1.50                               |        |       |   |
| 4.7                                   | 365                               | 183.60                | 10800                                                                   | 1.65                               | FA     | 57    | 6 |
| 5.5                                   | 310                               | 157.09                | 11100                                                                   | 1.95                               | FAF    | 57    | 6 |
| 6.4                                   | 270                               | 136.16                | 11300                                                                   | 2.2                                | F      | 57    | 6 |
| 6.8                                   | 250                               | 127.27                | 11400                                                                   | 2.4                                | FF     | 57    | 6 |
| 7.9                                   | 215                               | 110.01                | 11500                                                                   | 2.8                                |        |       |   |
| 6.6                                   | 260                               | 199.70                | 11300                                                                   | 2.3                                | FA     | 57    | 4 |
| 7.2                                   | 240                               | 183.60                | 11500                                                                   | 2.5                                | FAF    | 57    | 4 |
| 8.4                                   | 205                               | 157.09                | 11500                                                                   | 2.9                                | F      | 57    | 4 |
| 9.7                                   | 177                               | 136.16                | 11500                                                                   | 3.4                                | FF     | 57    | 4 |
| 10                                    | 166                               | 127.27                | 11500                                                                   | 3.6                                |        |       |   |
| 4.6                                   | 375                               | 190.76                | 6240                                                                    | 1.05                               | FA     | 47    | 6 |
| 5.0                                   | 345                               | 175.38                | 6600                                                                    | 1.15                               | FAF    | 47    | 6 |
| 5.8                                   | 295                               | 150.06                | 7090                                                                    | 1.35                               | F      | 47    | 6 |
| 6.7                                   | 255                               | 130.07                | 7410                                                                    | 1.55                               | FF     | 47    | 6 |
| 7.2                                   | 240                               | 121.57                | 7530                                                                    | 1.65                               |        |       |   |
| 6.9                                   | 250                               | 190.76                | 7470                                                                    | 1.06                               | FA     | 47    | 4 |
| 7.5                                   | 230                               | 175.38                | 7610                                                                    | 1.15                               | FAF    | 47    | 4 |
| 8.8                                   | 195                               | 150.06                | 7800                                                                    | 2.0                                | F      | 47    | 4 |
| 10                                    | 169                               | 130.07                | 7920                                                                    | 2.4                                | FF     | 47    | 4 |
| 11                                    | 158                               | 121.57                | 7970                                                                    | 2.5                                |        |       |   |
| 7.4                                   | 235                               | 117.88                | 3750                                                                    | 0.85                               | FA     | 37    | 6 |
| 8.7                                   | 198                               | 100.36                | 4320                                                                    | 1.00                               | FAF    | 37    | 6 |
| 10                                    | 171                               | 86.53                 | 4660                                                                    | 1.15                               | F      | 37    | 6 |
| 11                                    | 159                               | 80.65                 | 4790                                                                    | 1.25                               | FF     | 37    | 6 |
| 12                                    | 139                               | 70.50                 | 4970                                                                    | 1.45                               |        |       |   |
| 10                                    | 167                               | 128.51                | 4700                                                                    | 1.20                               |        |       |   |
| 11                                    | 154                               | 117.88                | 48500                                                                   | 1.30                               |        |       |   |
| 13                                    | 131                               | 100.36                | 5050                                                                    | 1.55                               |        |       |   |
| 15                                    | 113                               | 86.53                 | 5180                                                                    | 1.75                               |        |       |   |
| 16                                    | 105                               | 80.65                 | 5230                                                                    | 1.90                               |        |       |   |
| 19                                    | 92                                | 70.50                 | 5300                                                                    | 2.2                                |        |       |   |
| 20                                    | 86                                | 66.09                 | 5330                                                                    | 2.3                                | FA     | 37    | 4 |
| 23                                    | 76                                | 58.32                 | 5380                                                                    | 2.6                                | FAF    | 37    | 4 |
| 24                                    | 71                                | 54.54                 | 5400                                                                    | 2.8                                | F      | 37    | 4 |
| 26                                    | 67                                | 51.70                 | 5410                                                                    | 3.0                                | FF     | 37    | 4 |
| 28                                    | 61                                | 47.02                 | 5440                                                                    | 3.3                                |        |       |   |
| 30                                    | 57                                | 43.83                 | 5450                                                                    | 3.5                                |        |       |   |
| 34                                    | 50                                | 38.31                 | 5470                                                                    | 4.0                                |        |       |   |
| 37                                    | 47                                | 35.91                 | 5480                                                                    | 4.3                                |        |       |   |
| 42                                    | 41                                | 31.69                 | 5490                                                                    | 4.8                                |        |       |   |
| 47                                    | 37                                | 28.09                 | 5500                                                                    | 5.5                                |        |       |   |
| 55                                    | 31                                | 23.88                 | 5260                                                                    | 6.4                                |        |       |   |
| 56                                    | 31                                | 23.63                 | 5240                                                                    | 6.5                                |        |       |   |
| 64                                    | 27                                | 20.97                 | 5030                                                                    | 7.5                                |        |       |   |
| 69                                    | 25                                | 19.27                 | 4930                                                                    | 8.0                                |        |       |   |
| 78                                    | 22                                | 17.03                 | 4740                                                                    | 9.0                                |        |       |   |
| 83                                    | 21                                | 15.81                 | 4640                                                                    | 9.7                                |        |       |   |
| 92                                    | 19                                | 14.33                 | 4500                                                                    | 11                                 |        |       |   |
| 103                                   | 17                                | 12.87                 | 4350                                                                    | 12                                 | FA     | 37    | 4 |
| 119                                   | 14                                | 11.08                 | 4150                                                                    | 13                                 | FAF    | 37    | 4 |
| 127                                   | 14                                | 10.42                 | 4070                                                                    | 14                                 | F      | 37    | 4 |
| 147                                   | 12                                | 8.97                  | 3880                                                                    | 15                                 | FF     | 37    | 4 |
| 178                                   | 9.7                               | 7.44                  | 3650                                                                    | 15                                 |        |       |   |
| 196                                   | 8.8                               | 6.74                  | 3540                                                                    | 16                                 |        |       |   |
| 218                                   | 7.9                               | 60.5                  | 3420                                                                    | 17                                 |        |       |   |
| 253                                   | 6.8                               | 5.21                  | 3260                                                                    | 18                                 |        |       |   |
| 269                                   | 6.4                               | 4.90                  | 3190                                                                    | 19                                 |        |       |   |
| 313                                   | 5.5                               | 4.22                  | 3040                                                                    | 20                                 |        |       |   |

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>навантаження<br>ГВ | Модель     | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|------------|-------|---|
| <b>0.25kw</b>                         |                                   |                       |                                                |                                                   |            |       |   |
| 5.2                                   | 395                               | 249                   | 6020                                           | 1.00                                              | FA 47 R17  | 4     |   |
| 6.0                                   | 350                               | 218                   | 6580                                           | 1.15                                              | FAF 47 R17 | 4     |   |
| 6.7                                   | 305                               | 193                   | 7000                                           | 1.30                                              | F 47 R17   | 4     |   |
| 7.4                                   | 280                               | 175                   | 7250                                           | 1.45                                              | FF 47 R17  | 4     |   |
| 8.9                                   | 240                               | 145                   | 7520                                           | 1.65                                              | FA 47 R17  | 4     |   |
| 10                                    | 210                               | 129                   | 7710                                           | 1.80                                              | FAF 47 R17 | 4     |   |
| 11                                    | 193                               | 118                   |                                                | 1.05                                              | F 47 R17   | 4     |   |
| 13                                    | 160                               | 98                    |                                                | 1.25                                              | FF 47 R17  | 4     |   |
| 15                                    | 140                               | 87                    |                                                | 1.45                                              | FF 37 R17  | 4     |   |
| 3.1                                   | 765                               | 281.71                | 19100                                          | 1.95                                              | FA 77      | 6     |   |
| 3.3                                   | 715                               | 262.93                | 19200                                          | 2.1                                               | FAF 77     | 6     |   |
| 3.9                                   | 615                               | 225.79                | 19500                                          | 2.5                                               | F 77       | 6     |   |
| 4.4                                   | 540                               | 198.31                | 19600                                          | 2.8                                               | FF 77      | 6     |   |
| 4.7                                   | 510                               | 188.40                | 19700                                          | 2.9                                               | FF 77      | 6     |   |
| 3.8                                   | 620                               | 228.99                | 11800                                          | 1.30                                              | FA 67      | 6     |   |
| 4.5                                   | 530                               | 195.39                | 12300                                          | 1.55                                              | FAF 67     | 6     |   |
| 5.2                                   | 465                               | 170.85                | 12600                                          | 1.75                                              | F 67       | 6     |   |
| 5.4                                   | 440                               | 162.31                | 12700                                          | 1.85                                              | FF 67      | 6     |   |
| 6.2                                   | 385                               | 142.40                | 12900                                          | 2.1                                               | FF 67      | 6     |   |
| 5.7                                   | 420                               | 228.99                | 12700                                          | 1.95                                              | FA 67      | 4     |   |
| 6.7                                   | 360                               | 195.39                | 13000                                          | 2.3                                               | FAF 67     | 4     |   |
| 7.6                                   | 315                               | 170.85                | 13000                                          | 2.6                                               | F 67       | 4     |   |
| 8.0                                   | 300                               | 162.31                | 13000                                          | 2.8                                               | FF 67      | 4     |   |
| 9.1                                   | 260                               | 142.40                | 13000                                          | 3.1                                               | FF 67      | 4     |   |
| 4.4                                   | 540                               | 199.70                | 9630                                           | 1.10                                              | FA 57      | 6     |   |
| 4.8                                   | 500                               | 183.60                | 9940                                           | 1.20                                              | FA 57      | 6     |   |
| 5.6                                   | 425                               | 157.09                | 10400                                          | 1.40                                              | FAF 57     | 6     |   |
| 6.5                                   | 370                               | 136.16                | 10800                                          | 1.60                                              | F 57       | 6     |   |
| 6.9                                   | 345                               | 127.27                | 10900                                          | 1.75                                              | FF 57      | 6     |   |
| 8.0                                   | 300                               | 110.01                | 11100                                          | 2.0                                               | FF 57      | 6     |   |
| 6.5                                   | 365                               | 199.70                | 10800                                          | 1.65                                              | FA 57      | 4     |   |
| 7.1                                   | 335                               | 183.60                | 10900                                          | 1.80                                              | FA 57      | 4     |   |
| 8.3                                   | 290                               | 157.09                | 11200                                          | 2.1                                               | FAF 57     | 4     |   |
| 9.6                                   | 250                               | 136.16                | 11400                                          | 2.4                                               | F 57       | 4     |   |
| 10                                    | 235                               | 127.27                | 11500                                          | 2.6                                               | FF 57      | 4     |   |
| 12                                    | 200                               | 110.01                | 11500                                          | 3.0                                               | FF 57      | 4     |   |
| 5.9                                   | 405                               | 150.06                | 5750                                           | 1.00                                              | FA 47      | 6     |   |
| 6.8                                   | 355                               | 130.07                | 6530                                           | 1.15                                              | FAF 47     | 6     |   |
| 7.2                                   | 330                               | 121.57                | 6770                                           | 1.20                                              | F 47       | 6     |   |
| 8.4                                   | 285                               | 105.09                | 7190                                           | 1.40                                              | FF 47      | 6     |   |
| 6.8                                   | 350                               | 190.76                | 6550                                           | 1.15                                              | FA 47      | 4     |   |
| 7.4                                   | 320                               | 175.38                | 6850                                           | 1.25                                              | FAF 47     | 4     |   |
| 8.7                                   | 275                               | 150.06                | 7270                                           | 1.45                                              | FAF 47     | 4     |   |
| 10                                    | 240                               | 130.07                | 7540                                           | 1.65                                              | F 47       | 4     |   |
| 11                                    | 225                               | 121.57                | 7640                                           | 1.80                                              | FF 47      | 4     |   |
| 12                                    | 193                               | 105.09                | 7810                                           | 2.1                                               | FF 47      | 4     |   |
| 15                                    | 164                               | 89.29                 | 7950                                           | 2.4                                               | FF 47      | 4     |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>навантаження<br>ГВ | Модель      | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|-------------|-------|---|
| <b>0.25kw</b>                         |                                   |                       |                                                |                                                   |             |       |   |
| 10                                    | 235                               | 128.51                | 3690                                           | 0.85                                              |             |       |   |
| 11                                    | 215                               | 117.88                | 4040                                           | 0.90                                              |             |       |   |
| 13                                    | 184                               | 100.36                | 4500                                           | 1.10                                              |             |       |   |
| 15                                    | 159                               | 86.53                 | 4790                                           | 1.25                                              |             |       |   |
| 16                                    | 148                               | 80.65                 | 4900                                           | 1.35                                              |             |       |   |
| 18                                    | 130                               | 70.50                 | 5060                                           | 1.55                                              |             |       |   |
| 20                                    | 121                               | 66.09                 | 5120                                           | 1.65                                              | FA 37       | 4     |   |
| 22                                    | 107                               | 58.32                 | 5210                                           | 1.85                                              | FAF 37      | 4     |   |
| 24                                    | 100                               | 54.54                 | 5260                                           | 2.0                                               | F 37        | 4     |   |
| 25                                    | 95                                | 51.70                 | 5280                                           | 2.1                                               | FF 37       | 4     |   |
| 28                                    | 86                                | 47.02                 | 5330                                           | 2.3                                               |             |       |   |
| 30                                    | 81                                | 43.83                 | 5360                                           | 2.5                                               |             |       |   |
| 34                                    | 70                                | 38.31                 | 5400                                           | 2.8                                               |             |       |   |
| 36                                    | 66                                | 35.91                 | 5420                                           | 3.0                                               |             |       |   |
| 41                                    | 58                                | 31.69                 | 5450                                           | 3.4                                               |             |       |   |
| 46                                    | 52                                | 28.09                 | 5430                                           | 3.9                                               |             |       |   |
| 54                                    | 44                                | 23.88                 | 5180                                           | 4.6                                               |             |       |   |
| 55                                    | 43                                | 23.63                 | 5170                                           | 4.6                                               |             |       |   |
| 63                                    | 38                                | 20.57                 | 4960                                           | 5.3                                               |             |       |   |
| 67                                    | 35                                | 19.27                 | 4870                                           | 5.7                                               |             |       |   |
| 76                                    | 31                                | 17.03                 | 4690                                           | 6.4                                               |             |       |   |
| 82                                    | 29                                | 15.81                 | 4590                                           | 6.9                                               |             |       |   |
| 91                                    | 26                                | 14.33                 | 4460                                           | 7.6                                               |             |       |   |
| 101                                   | 24                                | 12.87                 | 4320                                           | 8.5                                               | FA 37       | 4     |   |
| 117                                   | 20                                | 11.08                 | 4120                                           | 9.3                                               | FAF 37      | 4     |   |
| 125                                   | 19                                | 10.42                 | 4050                                           | 9.7                                               | F 37        | 4     |   |
| 145                                   | 17                                | 8.97                  | 3860                                           | 11                                                | FF 37       | 4     |   |
| 175                                   | 14                                | 7.44                  | 3630                                           | 13                                                |             |       |   |
| 193                                   | 12                                | 6.74                  | 3520                                           | 11                                                |             |       |   |
| 215                                   | 11                                | 6.05                  | 3410                                           | 12                                                |             |       |   |
| 249                                   | 9.6                               | 5.21                  | 3250                                           | 13                                                |             |       |   |
| 265                                   | 9.0                               | 4.90                  | 3190                                           | 13                                                |             |       |   |
| 308                                   | 7.7                               | 4.22                  | 3040                                           | 14                                                |             |       |   |
| <b>0.37KW</b>                         |                                   |                       |                                                |                                                   |             |       |   |
| 0.21                                  | 14900                             | 6715                  | 84800                                          | 0.80                                              |             |       |   |
| 0.23                                  | 13100                             | 5925                  | 88300                                          | 0.90                                              | FA 127 R77  | 4     |   |
| 0.27                                  | 11300                             | 5153                  | 90000                                          | 1.05                                              | FAF 127 R77 | 4     |   |
| 0.30                                  | 9850                              | 4533                  | 90000                                          | 1.20                                              | F 127 R77   | 4     |   |
| 0.35                                  | 8590                              | 3926                  | 90000                                          | 1.40                                              | FF 127 R77  | 4     |   |
| 0.40                                  | 7510                              | 3454                  | 90000                                          | 1.60                                              |             |       |   |
| 0.46                                  | 6570                              | 3031                  | 90000                                          | 1.85                                              |             |       |   |
| 0.45                                  | 6720                              | 3037                  | 52300                                          | 1.15                                              | FA 107 R77  | 4     |   |
| 0.50                                  | 6090                              | 2756                  | 53800                                          | 1.25                                              | FAF 107 R77 | 4     |   |
| 0.58                                  | 5240                              | 2369                  | 55800                                          | 1.45                                              | F 107 R77   | 4     |   |
| 0.67                                  | 4570                              | 2068                  | 57200                                          | 1.70                                              | FF 107 R77  | 4     |   |
| 0.86                                  | 3510                              | 1597                  | 59400                                          | 2.2                                               |             |       |   |
| 0.61                                  | 5070                              | 2245                  | 5160                                           | 0.85                                              |             |       |   |
| 0.70                                  | 4430                              | 1970                  | 29500                                          | 0.95                                              |             |       |   |
| 0.80                                  | 3900                              | 1722                  | 31000                                          | 1.10                                              | FA 97 R57   | 4     |   |
| 0.90                                  | 3460                              | 1527                  | 32200                                          | 1.25                                              | FAF 97 R57  | 4     |   |
| 1.0                                   | 2930                              | 1327                  | 33500                                          | 1.45                                              | F 97 R57    | 4     |   |
| 1.2                                   | 2650                              | 1171                  | 34100                                          | 1.60                                              | FF 97 R57   | 4     |   |
| 1.4                                   | 2310                              | 1022                  | 34800                                          | 1.85                                              |             |       |   |
| 1.5                                   | 1960                              | 898                   | 35500                                          | 2.2                                               |             |       |   |
| 1.1                                   | 2870                              | 1300                  | 23400                                          | 1.05                                              |             |       |   |
| 1.2                                   | 2550                              | 1148                  | 24600                                          | 1.20                                              |             |       |   |
| 1.4                                   | 2230                              | 1010                  | 25700                                          | 1.35                                              | FA 87 R57   | 4     |   |
| 1.6                                   | 1970                              | 887                   | 26500                                          | 1.50                                              | FAF 87 R57  | 4     |   |
| 1.8                                   | 1720                              | 780                   | 27200                                          | 1.75                                              | F 87 R57    | 4     |   |
| 2.0                                   | 1470                              | 674                   | 27900                                          | 2.0                                               | FF 87 R57   | 4     |   |
| 2.3                                   | 1340                              | 609                   | 28200                                          | 2.2                                               |             |       |   |
| 2.7                                   | 1130                              | 515                   | 28700                                          | 2.7                                               |             |       |   |
| 3.0                                   | 1000                              | 452                   | 29000                                          | 3.0                                               |             |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>навантаження<br>ГВ | Модель     | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|------------|-------|---|
| <b>0.37kw</b>                         |                                   |                       |                                                |                                                   |            |       |   |
| 1.7                                   | 1810                              | 810                   | 13300                                          | 0.85                                              |            |       |   |
| 1.9                                   | 1590                              | 710                   | 15100                                          | 0.95                                              |            |       |   |
| 2.2                                   | 1390                              | 615                   | 16400                                          | 1.10                                              | FA 77 R37  | 4     |   |
| 2.6                                   | 1210                              | 538                   | 17400                                          | 1.25                                              | FAF 77 R37 | 4     |   |
| 2.9                                   | 1080                              | 480                   | 18000                                          | 1.40                                              | F 77 R37   | 4     |   |
| 3.3                                   | 920                               | 413                   | 18600                                          | 1.65                                              | FF 77 R37  | 4     |   |
| 3.8                                   | 830                               | 367                   | 18900                                          | 1.80                                              |            |       |   |
| 4.3                                   | 730                               | 323                   | 19200                                          | 2.0                                               |            |       |   |
| 3.2                                   | 980                               | 437                   | 5750                                           | 0.85                                              |            |       |   |
| 3.6                                   | 870                               | 384                   | 9880                                           | 0.95                                              | FA 67 R37  | 4     |   |
| 4.1                                   | 770                               | 338                   | 10800                                          | 1.05                                              | FAF 67 R37 | 4     |   |
| 4.5                                   | 685                               | 305                   | 11400                                          | 1.20                                              | F 67 R37   | 4     |   |
| 5.4                                   | 575                               | 257                   | 12000                                          | 1.40                                              | FF 67 R37  | 4     |   |
| 6.0                                   | 510                               | 231                   | 12400                                          | 1.60                                              |            |       |   |
| 5.4                                   | 570                               | 255                   | 9420                                           | 1.05                                              | FA 57 R37  | 4     |   |
| 6.9                                   | 445                               | 201                   | 10300                                          | 1.35                                              | FAF 57 R37 | 4     |   |
| 7.6                                   | 405                               | 181                   | 10500                                          | 1.50                                              | F 57 R37   | 4     |   |
| 5.3                                   | 605                               | 262                   | 9170                                           | 1.00                                              |            |       |   |
| 6.1                                   | 515                               | 226                   | 9810                                           | 1.15                                              | FA 57 R37  | 4     |   |
| 6.9                                   | 455                               | 200                   | 10200                                          | 1.30                                              | FAF 57 R37 | 4     |   |
| 8.1                                   | 385                               | 170                   | 10700                                          | 1.55                                              | F 57 R37   | 4     |   |
| 9.1                                   | 345                               | 152                   | 10900                                          | 1.75                                              | FF 57 R37  | 4     |   |
| 10                                    | 300                               | 134                   | 11100                                          | 2.0                                               |            |       |   |
| 7.9                                   | 395                               | 175                   | 5990                                           | 1.00                                              | FA 47 R17  | 4     |   |
| 9.4                                   | 335                               | 147                   | 6740                                           | 1.20                                              | FAF 47 R17 | 4     |   |
| 11                                    | 295                               | 130                   | 7110                                           | 1.35                                              | F 47 R17   | 4     |   |
| 2.5                                   | 1410                              | 270.68                | 28100                                          | 2.1                                               | FA 87      | 8     |   |
| 2.7                                   | 1330                              | 255.37                | 28200                                          | 2.3                                               | FAF 87     | 8     |   |
| 3.0                                   | 1190                              | 228.93                | 28600                                          | 2.5                                               | F 87       | 8     |   |
| 3.5                                   | 1020                              | 197.20                | 28900                                          | 2.9                                               | FF 87      | 8     |   |
| 3.3                                   | 1060                              | 270.68                | 28800                                          | 2.8                                               | FA 87      | 6     |   |
| 3.5                                   | 1000                              | 255.37                | 29000                                          | 3.0                                               | FAF 87     | 6     |   |
| 3.9                                   | 900                               | 228.93                | 29200                                          | 3.3                                               | F 87       | 6     |   |
| 4.0                                   | 890                               | 225.79                | 18700                                          | 1.70                                              | FA 77      | 6     |   |
| 4.5                                   | 780                               | 198.31                | 19100                                          | 1.95                                              | FAF 77     | 6     |   |
| 4.8                                   | 740                               | 188.40                | 19200                                          | 2.0                                               | F 77       | 6     |   |
| 5.4                                   | 655                               | 166.47                | 19400                                          | 2.3                                               | FF 77      | 6     |   |
| 6.3                                   | 560                               | 142.27                | 19600                                          | 2.7                                               |            |       |   |
| 4.9                                   | 720                               | 281.71                | 19200                                          | 2.1                                               | FA 77      | 4     |   |
| 5.2                                   | 675                               | 262.93                | 19300                                          | 2.2                                               | FAF 77     | 4     |   |
| 6.1                                   | 580                               | 225.79                | 19500                                          | 2.6                                               | F 77       | 4     |   |
| 7.0                                   | 510                               | 198.31                | 19700                                          | 3.0                                               | FF 77      | 4     |   |
| 4.6                                   | 765                               | 195.39                | 10800                                          | 1.05                                              | FA 67      | 6     |   |
| 5.3                                   | 670                               | 170.85                | 11500                                          | 1.20                                              | FAF 67     | 6     |   |
| 5.6                                   | 635                               | 162.31                | 11700                                          | 1.30                                              | F 67       | 6     |   |
| 6.3                                   | 560                               | 142.40                | 12100                                          | 1.45                                              | FF 67      | 6     |   |
| 7.4                                   | 475                               | 120.79                | 12500                                          | 1.75                                              |            |       |   |
| 6.0                                   | 585                               | 228.99                | 12000                                          | 1.40                                              |            |       |   |
| 7.1                                   | 500                               | 195.39                | 12400                                          | 1.65                                              | FA 67      | 4     |   |
| 8.1                                   | 435                               | 170.85                | 12700                                          | 1.85                                              | FAF 67     | 4     |   |
| 8.5                                   | 415                               | 162.31                | 12800                                          | 1.95                                              | F 67       | 4     |   |
| 9.7                                   | 365                               | 142.40                | 12900                                          | 2.2                                               | FF 67      | 4     |   |
| 11                                    | 310                               | 120.79                | 13000                                          | 2.7                                               |            |       |   |
| 5.7                                   | 615                               | 157.09                | 9070                                           | 0.95                                              | FA 57      | 6     |   |
| 6.6                                   | 535                               | 136.16                | 9680                                           | 1.10                                              | FAF 57     | 6     |   |
| 7.1                                   | 500                               | 127.27                | 9930                                           | 1.20                                              | F 57       | 6     |   |
| 8.2                                   | 430                               | 110.01                | 10400                                          | 1.40                                              | FF 57      | 6     |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного навантаження<br>ГВ | Модель      | Положення<br>Р |
|---------------------------------------|-------------------------------------|-----------------------|------------------------------------------------|------------------------------------------------|-------------|----------------|
| 0.37kw                                |                                     |                       |                                                |                                                |             |                |
| 6.9                                   | 510                                 | 199.70                | 9850                                           | 1.15                                           |             |                |
| 7.5                                   | 470                                 | 183.60                | 10100                                          | 1.30                                           |             |                |
| 8.8                                   | 400                                 | 157.09                | 10600                                          | 1.50                                           | FA 57       | 4              |
| 10                                    | 350                                 | 136.16                | 10900                                          | 1.70                                           | FAF 57      | 4              |
| 11                                    | 325                                 | 127.27                | 11000                                          | 1.85                                           | F 57        | 4              |
| 13                                    | 280                                 | 110.01                | 11200                                          | 2.1                                            | FF 57       | 4              |
| 15                                    | 240                                 | 93.47                 | 11500                                          | 2.5                                            |             |                |
| 17                                    | 215                                 | 83.46                 | 11500                                          | 2.8                                            |             |                |
|                                       |                                     |                       |                                                |                                                |             |                |
| 9.2                                   | 385                                 | 150.06                | 6140                                           | 1.05                                           |             |                |
| 11                                    | 335                                 | 130.07                | 6740                                           | 1.20                                           | FA 47       | 4              |
| 13                                    | 270                                 | 105.09                | 7320                                           | 1.50                                           | FAF 47      | 4              |
| 15                                    | 230                                 | 89.29                 | 7600                                           | 1.75                                           | F 47        | 4              |
| 17                                    | 205                                 | 79.72                 | 7750                                           | 1.95                                           | FF 47       | 4              |
| 20                                    | 174                                 | 68.09                 | 7900                                           | 2.3                                            |             |                |
| 21                                    | 167                                 | 65.36                 | 7930                                           | 2.4                                            |             |                |
|                                       |                                     |                       |                                                |                                                |             |                |
| 16                                    | 220                                 | 86.53                 | 3960                                           | 0.90                                           |             |                |
| 17                                    | 205                                 | 80.65                 | 4200                                           | 0.95                                           |             |                |
| 20                                    | 181                                 | 70.50                 | 4550                                           | 1.10                                           |             |                |
| 21                                    | 169                                 | 66.09                 | 4680                                           | 1.20                                           |             |                |
| 24                                    | 149                                 | 58.32                 | 4890                                           | 1.35                                           |             |                |
| 25                                    | 140                                 | 54.54                 | 4870                                           | 1.45                                           | FA 37       | 4              |
| 27                                    | 132                                 | 51.70                 | 5030                                           | 1.50                                           | FAF 37      | 4              |
| 29                                    | 120                                 | 47.02                 | 5120                                           | 1.65                                           | F 37        | 4              |
| 31                                    | 112                                 | 43.83                 | 5180                                           | 1.80                                           | FF 37       | 4              |
| 36                                    | 98                                  | 38.31                 | 5270                                           | 2.0                                            |             |                |
| 38                                    | 92                                  | 35.91                 | 5300                                           | 2.2                                            |             |                |
| 44                                    | 81                                  | 31.69                 | 5300                                           | 2.5                                            |             |                |
| 49                                    | 72                                  | 28.09                 | 5140                                           | 2.8                                            |             |                |
| 58                                    | 61                                  | 23.88                 | 4930                                           | 3.3                                            |             |                |
|                                       |                                     |                       |                                                |                                                |             |                |
| 58                                    | 61                                  | 23.63                 | 4920                                           | 3.3                                            |             |                |
| 67                                    | 53                                  | 20.57                 | 4740                                           | 3.8                                            |             |                |
| 72                                    | 49                                  | 19.27                 | 4650                                           | 4.1                                            |             |                |
| 81                                    | 44                                  | 17.03                 | 4500                                           | 4.6                                            |             |                |
| 87                                    | 41                                  | 15.81                 | 4400                                           | 4.9                                            |             |                |
| 96                                    | 37                                  | 14.33                 | 4280                                           | 5.4                                            |             |                |
| 107                                   | 33                                  | 12.87                 | 4150                                           | 6.1                                            | FA 37       | 4              |
| 125                                   | 28                                  | 11.08                 | 3970                                           | 6.7                                            | FAF 37      | 4              |
| 132                                   | 27                                  | 10.42                 | 3900                                           | 6.9                                            | F 37        | 4              |
| 154                                   | 23                                  | 8.97                  | 3730                                           | 7.6                                            | FF 37       | 4              |
| 186                                   | 19                                  | 7.44                  | 3510                                           | 7.6                                            |             |                |
| 205                                   | 17                                  | 6.74                  | 3410                                           | 8.1                                            |             |                |
| 228                                   | 16                                  | 6.05                  | 3300                                           | 8.7                                            |             |                |
| 285                                   | 13                                  | 5.21                  | 3150                                           | 9.4                                            |             |                |
| 282                                   | 13                                  | 4.90                  | 3090                                           | 9.6                                            |             |                |
| 327                                   | 11                                  | 4.22                  | 2950                                           | 10                                             |             |                |
| 0.55kw                                |                                     |                       |                                                |                                                |             |                |
| 0.22                                  | 20500                               | 6295                  | 92000                                          | 0.90                                           | FA 157 R97  | 4              |
| 0.25                                  | 17400                               | 5404                  | 102100                                         | 1.05                                           | FAF 157 R97 | 4              |
| 0.49                                  | 8930                                | 2780                  | 118700                                         | 2.0                                            | F 157 R97   | 4              |
|                                       |                                     |                       |                                                |                                                | FF 157 R97  | 4              |
|                                       |                                     |                       |                                                |                                                |             |                |
| 0.58                                  | 7760                                | 2427                  | 120000                                         | 2.3                                            | FA 157 R97  | 4              |
| 0.81                                  | 5520                                | 1674                  | 120000                                         | 3.3                                            | FAF 157 R97 | 4              |
| 1.0                                   | 4220                                | 1308                  | 120000                                         | 4.3                                            | F 157 R97   | 4              |
| 1.2                                   | 3730                                | 1169                  | 120000                                         | 4.8                                            | FF 157 R97  | 4              |
|                                       |                                     |                       |                                                |                                                |             |                |
| 0.35                                  | 13300                               | 3926                  | 89000                                          | 0.90                                           | FA 127 R77  | 4              |
| 0.39                                  | 11600                               | 3454                  | 90000                                          | 1.05                                           | FAF 127 R77 | 4              |
| 0.45                                  | 10200                               | 3031                  | 90000                                          | 1.20                                           | F 127 R77   | 4              |
|                                       |                                     |                       |                                                |                                                | FF 127 R77  | 4              |
|                                       |                                     |                       |                                                |                                                |             |                |
| 0.57                                  | 8100                                | 2369                  | 48700                                          | 0.95                                           |             |                |
| 0.66                                  | 7070                                | 2068                  | 51400                                          | 1.10                                           |             |                |
| 0.74                                  | 6110                                | 1826                  | 53800                                          | 1.25                                           |             |                |
| 0.85                                  | 5440                                | 1597                  | 55300                                          | 1.40                                           | FA 107 R77  | 4              |
| 0.97                                  | 4750                                | 1401                  | 56900                                          | 1.60                                           | FAF 107 R77 | 4              |
| 1.1                                   | 4160                                | 1243                  | 58100                                          | 1.85                                           | F 107 R77   | 4              |
| 1.2                                   | 3700                                | 1087                  | 59000                                          | 2.1                                            | FF 107 R77  | 4              |
| 1.4                                   | 3180                                | 950                   | 60000                                          | 2.4                                            |             |                |
| 1.6                                   | 2770                                | 834                   | 60800                                          | 2.8                                            |             |                |
| 2.1                                   | 2150                                | 640                   | 61900                                          | 2.6                                            |             |                |

# F мотор-редуктор з паралельним валом

# F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт обслуговування<br>ГВ | Модель     | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------|---------------------------------|------------|-------|---|
| <b>0.55kW</b>                         |                                   |                       |                                           |                                 |            |       |   |
| 1.0                                   | 4530                              | 1327                  | 29200                                     | 0.95                            |            |       |   |
| 1.2                                   | 4060                              | 1171                  | 30600                                     | 1.05                            |            |       |   |
| 1.3                                   | 3550                              | 1022                  | 32000                                     | 1.20                            |            |       |   |
| 1.5                                   | 3050                              | 898                   | 33200                                     | 1.40                            | FA 97 R57  | 4     |   |
| 1.7                                   | 2690                              | 784                   | 34000                                     | 1.60                            | FAF 97 R57 | 4     |   |
| 2.0                                   | 2340                              | 690                   | 34700                                     | 1.85                            | F 97 R57   | 4     |   |
| 2.2                                   | 2060                              | 605                   | 35300                                     | 2.1                             | FF 97 R57  | 4     |   |
| 2.6                                   | 1790                              | 529                   | 35800                                     | 2.4                             |            |       |   |
| 2.9                                   | 1580                              | 467                   | 36100                                     | 2.7                             |            |       |   |
| 3.4                                   | 1360                              | 406                   | 36500                                     | 3.2                             |            |       |   |
| 3.7                                   | 1220                              | 363                   | 36700                                     | 3.5                             |            |       |   |
| 1.5                                   | 3040                              | 887                   | 18200                                     | 1.00                            |            |       |   |
| 1.7                                   | 2660                              | 780                   | 24200                                     | 1.15                            |            |       |   |
| 2.0                                   | 2290                              | 674                   | 25500                                     | 1.30                            | FA 87 R57  | 4     |   |
| 2.2                                   | 2080                              | 609                   | 26200                                     | 1.45                            | FAF 87 R57 | 4     |   |
| 2.6                                   | 1750                              | 515                   | 27100                                     | 1.70                            | F 87 R57   | 4     |   |
| 3.0                                   | 1540                              | 452                   | 27700                                     | 1.95                            | FF 87 R57  | 4     |   |
| 3.9                                   | 1160                              | 345                   | 28600                                     | 2.6                             |            |       |   |
| 2.5                                   | 1860                              | 538                   | 9980                                      | 0.80                            | FA 77 R37  | 4     |   |
| 2.8                                   | 1660                              | 480                   | 14600                                     | 0.90                            | FAF 77 R37 | 4     |   |
| 3.3                                   | 1420                              | 413                   | 16200                                     | 1.05                            | F 77 R37   | 4     |   |
| 3.7                                   | 1270                              | 367                   | 17100                                     | 1.20                            | FF 77 R37  | 4     |   |
| 4.2                                   | 1120                              | 323                   | 17800                                     | 1.35                            |            |       |   |
| 5.3                                   | 890                               | 257                   | 9660                                      | 0.90                            | FA 67 R37  | 4     |   |
| 5.9                                   | 790                               | 231                   | 10600                                     | 1.05                            | FAF 67 R37 | 4     |   |
| 6.6                                   | 705                               | 205                   | 11200                                     | 1.15                            | F 67 R37   | 4     |   |
| 7.8                                   | 600                               | 175                   | 11900                                     | 1.35                            | FF 67 R37  | 4     |   |
| 2.5                                   | 2140                              | 276.77                | 35100                                     | 2.0                             | FA 97      | 8     |   |
| 2.7                                   | 1960                              | 253.41                | 35500                                     | 2.2                             | FAF 97     | 8     |   |
| 3.0                                   | 1730                              | 223.88                | 35900                                     | 2.5                             | F 97       | 8     |   |
| 2.5                                   | 2090                              | 270.68                | 26200                                     | 1.45                            | FA 87      | 8     |   |
| 2.7                                   | 1970                              | 255.37                | 26500                                     | 1.50                            | FAF 87     | 8     |   |
| 3.0                                   | 1770                              | 228.93                | 27100                                     | 1.70                            | F 87       | 8     |   |
| 3.5                                   | 1520                              | 197.20                | 27800                                     | 1.95                            | FF 87      | 8     |   |
| 3.3                                   | 1580                              | 270.68                | 27600                                     | 1.90                            |            |       |   |
| 3.5                                   | 1490                              | 255.37                | 27800                                     | 2.0                             | FA 87      | 6     |   |
| 3.9                                   | 1340                              | 228.93                | 28200                                     | 2.2                             | FAF 87     | 6     |   |
| 4.6                                   | 1150                              | 197.20                | 28700                                     | 2.6                             | F 87       | 6     |   |
| 5.0                                   | 1050                              | 179.97                | 28900                                     | 2.9                             | FF 87      | 6     |   |
| 4.0                                   | 1320                              | 225.79                | 16800                                     | 1.15                            |            |       |   |
| 4.5                                   | 1160                              | 198.31                | 17600                                     | 1.30                            | FA 77      | 6     |   |
| 4.8                                   | 1100                              | 188.40                | 17900                                     | 1.35                            | FAF 77     | 6     |   |
| 5.4                                   | 970                               | 166.47                | 18400                                     | 1.55                            | F 77       | 6     |   |
| 6.3                                   | 830                               | 142.27                | 18900                                     | 1.80                            | FF 77      | 6     |   |
| 6.9                                   | 760                               | 130.42                | 19100                                     | 1.95                            |            |       |   |
| 6.0                                   | 870                               | 225.79                | 18800                                     | 1.70                            |            |       |   |
| 6.9                                   | 765                               | 198.31                | 19100                                     | 1.95                            |            |       |   |
| 7.2                                   | 730                               | 188.40                | 19200                                     | 2.1                             | FA 77      | 4     |   |
| 8.2                                   | 645                               | 166.47                | 19400                                     | 2.3                             | FAF 77     | 4     |   |
| 9.6                                   | 550                               | 142.27                | 19600                                     | 2.7                             | F 77       | 4     |   |
| 10                                    | 505                               | 130.42                | 19700                                     | 3.0                             | FF 77      | 4     |   |
| 12                                    | 440                               | 114.45                | 19800                                     | 3.4                             |            |       |   |
| 13                                    | 420                               | 108.46                | 19800                                     | 3.6                             |            |       |   |
| 14                                    | 385                               | 94.93                 | 19900                                     | 4.1                             |            |       |   |
| 7.0                                   | 755                               | 195.39                | 10900                                     | 1.10                            |            |       |   |
| 8.0                                   | 660                               | 170.85                | 11500                                     | 1.25                            |            |       |   |
| 8.4                                   | 625                               | 162.31                | 11700                                     | 1.30                            | FA 67      | 4     |   |
| 9.6                                   | 550                               | 142.40                | 12200                                     | 1.50                            | FAF 67     | 4     |   |
| 11                                    | 465                               | 120.79                | 12600                                     | 1.75                            | F 67       | 4     |   |
| 12                                    | 420                               | 109.04                | 12700                                     | 1.95                            | FF 67      | 4     |   |
| 14                                    | 370                               | 95.94                 | 12900                                     | 2.2                             |            |       |   |
| 15                                    | 350                               | 90.59                 | 13000                                     | 2.3                             |            |       |   |
| 17                                    | 310                               | 79.76                 | 13000                                     | 2.7                             |            |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт обслуговування<br>ГВ | Модель      | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------|---------------------------------|-------------|-------|---|
| <b>0.55kW</b>                         |                                   |                       |                                           |                                 |             |       |   |
| 8.7                                   | 605                               | 157.09                | 9150                                      | 1.00                            |             |       |   |
| 10                                    | 525                               | 136.16                | 9750                                      | 1.15                            |             |       |   |
| 11                                    | 490                               | 127.27                | 9980                                      | 1.20                            |             |       |   |
| 12                                    | 425                               | 110.01                | 10400                                     | 1.40                            | FA 57       | 4     |   |
| 15                                    | 360                               | 93.47                 | 10800                                     | 1.65                            | FAF 57      | 4     |   |
| 16                                    | 320                               | 83.46                 | 11000                                     | 1.85                            | F 57        | 4     |   |
| 19                                    | 280                               | 72.98                 | 11200                                     | 2.1                             | FF 57       | 4     |   |
| 20                                    | 265                               | 68.22                 | 11300                                     | 2.3                             |             |       |   |
| 23                                    | 230                               | 58.97                 | 11500                                     | 2.6                             |             |       |   |
| 13                                    | 405                               | 105.09                | 5840                                      | 1.00                            |             |       |   |
| 15                                    | 345                               | 89.29                 | 6620                                      | 1.15                            |             |       |   |
| 17                                    | 310                               | 79.72                 | 6990                                      | 1.30                            | FA 47       | 4     |   |
| 20                                    | 265                               | 68.09                 | 7370                                      | 1.50                            | FAF 47      | 4     |   |
| 21                                    | 250                               | 65.36                 | 7440                                      | 1.60                            | F 47        | 4     |   |
| 24                                    | 220                               | 56.49                 | 7670                                      | 1.85                            | FF 47       | 4     |   |
| 28                                    | 185                               | 48.00                 | 7850                                      | 2.2                             |             |       |   |
| 32                                    | 166                               | 42.86                 | 7940                                      | 2.4                             |             |       |   |
| 23                                    | 225                               | 58.32                 | 3890                                      | 0.90                            |             |       |   |
| 25                                    | 210                               | 54.54                 | 4140                                      | 0.95                            |             |       |   |
| 26                                    | 200                               | 51.70                 | 4300                                      | 1.00                            |             |       |   |
| 29                                    | 182                               | 47.02                 | 4540                                      | 1.10                            | FA 37       | 4     |   |
| 31                                    | 169                               | 43.83                 | 4680                                      | 1.20                            | FAF 37      | 4     |   |
| 36                                    | 148                               | 38.31                 | 4900                                      | 1.35                            | F 37        | 4     |   |
| 38                                    | 139                               | 35.91                 | 4980                                      | 1.45                            | FF 37       | 4     |   |
| 43                                    | 122                               | 31.69                 | 4990                                      | 1.65                            |             |       |   |
| 48                                    | 109                               | 28.09                 | 4870                                      | 1.85                            |             |       |   |
| 57                                    | 92                                | 23.88                 | 4700                                      | 2.2                             |             |       |   |
| 58                                    | 91                                | 23.63                 | 4690                                      | 2.2                             |             |       |   |
| 66                                    | 79                                | 20.57                 | 4540                                      | 2.5                             |             |       |   |
| 71                                    | 74                                | 19.27                 | 4470                                      | 2.7                             |             |       |   |
| 80                                    | 66                                | 17.03                 | 4340                                      | 3.0                             |             |       |   |
| 95                                    | 55                                | 14.33                 | 4150                                      | 3.6                             |             |       |   |
| 106                                   | 50                                | 12.87                 | 4030                                      | 4.0                             |             |       |   |
| 123                                   | 43                                | 11.08                 | 3870                                      | 4.4                             | FA 37       | 4     |   |
| 130                                   | 40                                | 10.42                 | 3810                                      | 4.6                             | FAF 37      | 4     |   |
| 152                                   | 35                                | 8.97                  | 3650                                      | 5.1                             | F 37        | 4     |   |
| 170                                   | 31                                | 8.01                  | 3540                                      | 5.5                             | FF 37       | 4     |   |
| 183                                   | 29                                | 7.44                  | 3440                                      | 5.1                             |             |       |   |
| 202                                   | 26                                | 6.74                  | 3340                                      | 5.4                             |             |       |   |
| 225                                   | 23                                | 6.05                  | 3240                                      | 5.8                             |             |       |   |
| 261                                   | 20                                | 5.21                  | 3100                                      | 6.2                             |             |       |   |
| 277                                   | 19                                | 4.90                  | 3050                                      | 6.3                             |             |       |   |
| 322                                   | 16                                | 4.22                  | 2920                                      | 6.8                             |             |       |   |
| 361                                   | 15                                | 3.77                  | 2820                                      | 7.2                             |             |       |   |
| <b>0.75KW</b>                         |                                   |                       |                                           |                                 |             |       |   |
| 0.50                                  | 12300                             | 2780                  | 113600                                    | 1.45                            | FA 157 R97  | 4     |   |
|                                       |                                   |                       |                                           |                                 | FAF 157 R97 | 4     |   |
|                                       |                                   |                       |                                           |                                 | F 157 R97   | 4     |   |
|                                       |                                   |                       |                                           |                                 | FF 157 R97  | 4     |   |
| 0.57                                  | 10700                             | 2427                  | 116200                                    | 1.70                            | FA 157 R97  | 4     |   |
| 0.82                                  | 7580                              | 1674                  | 120000                                    | 2.4                             | FAF 157 R97 | 4     |   |
| 1.1                                   | 5830                              | 1308                  | 120000                                    | 3.1                             | F 157 R97   | 4     |   |
| 1.2                                   | 5170                              | 1169                  | 120000                                    | 3.5                             | FF 157 R97  | 4     |   |
|                                       |                                   |                       |                                           |                                 | FA 127 R77  | 4     |   |
|                                       |                                   |                       |                                           |                                 | FAF 127 R77 | 4     |   |
|                                       |                                   |                       |                                           |                                 | F 127 R77   | 4     |   |
|                                       |                                   |                       |                                           |                                 | FF 127 R77  | 4     |   |
| 0.46                                  | 13800                             | 3031                  | 86900                                     | 0.85                            |             |       |   |
| 0.52                                  | 12400                             | 2672                  | 89600                                     | 0.95                            | FA 127 R77  | 4     |   |
| 0.59                                  | 10900                             | 2357                  | 90000                                     | 1.10                            | FAF 127 R77 | 4     |   |
| 0.68                                  | 9390                              | 2036                  | 90000                                     | 1.30                            | F 127 R77   | 4     |   |
| 0.77                                  | 8190                              | 1784                  | 90000                                     | 1.45                            | FF 127 R77  | 4     |   |
| 0.86                                  | 7350                              | 1606                  | 90000                                     | 1.65                            |             |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт обслуговування<br>ГВ | Модель      | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|-------------------------------------------|---------------------------------|-------------|-------|---|
| <b>0.75kW</b>                         |                                   |                       |                                           |                                 |             |       |   |
| 0.75                                  | 8360                              | 1826                  | 48000                                     | 0.90                            |             |       |   |
| 0.86                                  | 7400                              | 1597                  | 50500                                     | 1.05                            |             |       |   |
| 0.98                                  | 6470                              | 1401                  | 52900                                     | 1.20                            |             |       |   |
| 1.1                                   | 5690                              | 1243                  | 54800                                     | 1.35                            | FA 107 R77  | 4     |   |
| 1.3                                   | 5040                              | 1087                  | 56200                                     | 1.50                            | FAF 107 R77 | 4     |   |
| 1.5                                   | 4350                              | 950                   | 57700                                     | 1.75                            | F 107 R77   | 4     |   |
| 1.7                                   | 3800                              | 834                   | 58800                                     | 2.0                             | FF 107 R77  | 4     |   |
| 2.2                                   | 2940                              | 640                   | 60500                                     | 2.6                             |             |       |   |
| 3.2                                   | 2000                              | 436                   | 62200                                     | 3.8                             |             |       |   |
| 1.4                                   | 4810                              | 1022                  | 22800                                     | 0.90                            |             |       |   |
| 1.5                                   | 4150                              | 898                   | 30300                                     | 1.05                            |             |       |   |
| 1.8                                   | 3660                              | 784                   | 31700                                     | 1.20                            | FA 97 R57   | 4     |   |
| 2.0                                   | 3190                              | 690                   | 32900                                     | 1.35                            | FAF 97 R57  | 4     |   |
| 2.3                                   | 2800                              | 605                   | 33800                                     | 1.55                            | F 97 R57    | 4     |   |
| 2.6                                   | 2440                              | 529                   | 34500                                     | 1.75                            | FF 97 R57   | 4     |   |
| 3.0                                   | 2160                              | 467                   | 35100                                     | 2.0                             |             |       |   |
| 3.4                                   | 1860                              | 406                   | 35600                                     | 2.3                             |             |       |   |
| 3.8                                   | 1670                              | 363                   | 36000                                     | 2.6                             |             |       |   |
| 2.0                                   | 3120                              | 674                   | 14700                                     | 0.95                            | FA 87 R57   | 4     |   |
| 2.3                                   | 2830                              | 609                   | 23600                                     | 1.05                            | FAF 87 R57  | 4     |   |
| 2.7                                   | 2390                              | 515                   | 25200                                     | 1.25                            | F 87 R57    | 4     |   |
| 3.0                                   | 2100                              | 452                   | 26100                                     | 1.45                            | FF 87 R57   | 4     |   |
| 4.0                                   | 1590                              | 345                   | 27600                                     | 1.90                            |             |       |   |
| 3.8                                   | 1720                              | 367                   | 14100                                     | 0.85                            | FA 77 R37   | 4     |   |
| 4.3                                   | 1520                              | 323                   | 15600                                     | 1.00                            | FAF 77 R37  | 4     |   |
| 4.9                                   | 1310                              | 280                   | 16900                                     | 1.15                            | F 77 R37    | 4     |   |
|                                       |                                   |                       |                                           |                                 | FA 107      | 8     |   |
|                                       |                                   |                       |                                           |                                 | FAF 107     | 8     |   |
|                                       |                                   |                       |                                           |                                 | F 107       | 8     |   |
|                                       |                                   |                       |                                           |                                 | FF 107      | 8     |   |
| 2.7                                   | 2640                              | 254.40                | 61100                                     | 2.9                             |             |       |   |
| 2.5                                   | 2870                              | 276.77                | 33600                                     | 1.50                            | FA 97       | 8     |   |
| 2.7                                   | 2630                              | 253.41                | 34100                                     | 1.65                            | FAF 97      | 8     |   |
| 3.1                                   | 2320                              | 223.88                | 34800                                     | 1.85                            | F 97        | 8     |   |
| 3.2                                   | 2200                              | 276.77                | 35000                                     | 1.95                            | FA 97       | 6     |   |
| 3.5                                   | 2020                              | 253.41                | 35400                                     | 2.1                             | FAF 97      | 6     |   |
| 4.0                                   | 1780                              | 223.88                | 35800                                     | 2.4                             | F 97        | 6     |   |
| 3.3                                   | 2150                              | 270.68                | 26000                                     | 1.40                            |             |       |   |
| 3.5                                   | 2030                              | 255.37                | 26300                                     | 1.50                            | FA 87       | 6     |   |
| 3.9                                   | 1820                              | 228.93                | 27000                                     | 1.65                            | FAF 87      | 6     |   |
| 4.6                                   | 1570                              | 197.20                | 27600                                     | 1.90                            | F 87        | 6     |   |
| 5.0                                   | 1430                              | 179.97                | 28000                                     | 2.1                             | FF 87       | 6     |   |
| 5.6                                   | 1270                              | 156.61                | 28400                                     | 2.4                             |             |       |   |
| 5.1                                   | 1400                              | 270.68                | 28100                                     | 2.1                             | FA 87       | 4     |   |
| 5.4                                   | 1330                              | 255.37                | 28200                                     | 2.3                             | FAF 87      | 4     |   |
| 6.0                                   | 1190                              | 228.93                | 28600                                     | 2.5                             | F 87        | 4     |   |
| 4.5                                   | 1580                              | 198.31                | 15200                                     | 0.95                            |             |       |   |
| 4.8                                   | 1500                              | 188.40                | 15700                                     | 1.00                            | FA 77       | 6     |   |
| 5.4                                   | 1320                              | 166.47                | 16800                                     | 1.15                            | FAF 77      | 6     |   |
| 6.3                                   | 1130                              | 142.27                | 17800                                     | 1.30                            | F 77        | 6     |   |

# F мотор-редуктор з паралельним валом

# F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>коэффициент<br>г/в | Модель      | Потужність<br>P |
|---------------------------------------|-------------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|-------------|-----------------|
| <b>1.1kW</b>                          |                                     |                       |                                                |                                                   |             |                 |
| 0.69                                  | 13800                               | 2038                  | 87000                                          | 0.85                                              |             |                 |
| 0.79                                  | 12000                               | 1784                  | 90000                                          | 1.00                                              | FA 127 R77  | 4               |
| 0.87                                  | 10800                               | 1606                  | 90000                                          | 1.10                                              | FAF 127 R77 | 4               |
| 1.0                                   | 9350                                | 1390                  | 90000                                          | 1.30                                              | F 127 R77   | 4               |
| 1.1                                   | 8170                                | 1220                  | 90000                                          | 1.45                                              | FF 127 R77  | 4               |
| 1.3                                   | 7260                                | 1077                  | 90000                                          | 1.65                                              |             |                 |
| 1.1                                   | 8360                                | 1243                  | 48000                                          | 0.90                                              |             |                 |
| 1.3                                   | 7370                                | 1087                  | 50600                                          | 1.05                                              | FA 107 R77  | 4               |
| 1.5                                   | 6390                                | 950                   | 53100                                          | 1.20                                              | FAF 107 R77 | 4               |
| 1.7                                   | 5590                                | 834                   | 55000                                          | 1.35                                              | F 107 R77   | 4               |
| 1.9                                   | 4910                                | 736                   | 56500                                          | 1.55                                              | FF 107 R77  | 4               |
| 2.2                                   | 4310                                | 640                   | 57800                                          | 1.80                                              |             |                 |
| 2.0                                   | 4670                                | 690                   | 27800                                          | 0.90                                              |             |                 |
| 2.3                                   | 4100                                | 605                   | 30500                                          | 1.05                                              | FA 97 R57   | 4               |
| 2.7                                   | 3580                                | 529                   | 31900                                          | 1.20                                              | FAF 97 R57  | 4               |
| 3.0                                   | 3160                                | 467                   | 32900                                          | 1.35                                              | F 97 R57    | 4               |
| 3.5                                   | 2730                                | 406                   | 33900                                          | 1.55                                              | FF 97 R57   | 4               |
| 3.8                                   | 2450                                | 363                   | 34500                                          | 1.75                                              |             |                 |
| 3.1                                   | 3070                                | 452                   | 16900                                          | 1.00                                              | FA 87 R57   | 4               |
| 4.1                                   | 2330                                | 345                   | 25400                                          | 1.30                                              | FAF 87 R57  | 4               |
| 4.7                                   | 2020                                | 300                   | 26400                                          | 1.50                                              | F 87 R57    | 4               |
| 5.6                                   | 1670                                | 249                   | 27400                                          | 1.80                                              | FF 87 R57   | 4               |
| 2.7                                   | 3930                                | 254.40                | 58600                                          | 1.95                                              | FA 107      | 8               |
| 3.2                                   | 3330                                | 215.37                | 59800                                          | 2.3                                               | FAF 107     | 8               |
| 3.4                                   | 3080                                | 199.31                | 60200                                          | 2.5                                               | F 107       | 8               |
| 3.8                                   | 2760                                | 178.64                | 60800                                          | 2.8                                               | FF 107      | 8               |
| 3.3                                   | 3160                                | 276.77                | 32900                                          | 1.35                                              | FA 97       | 6               |
| 3.6                                   | 2890                                | 253.41                | 33600                                          | 1.50                                              | FAF 97      | 6               |
| 4.1                                   | 2560                                | 223.88                | 34300                                          | 1.70                                              | F 97        | 6               |
| 4.8                                   | 2170                                | 189.92                | 35100                                          | 2.0                                               | FF 97       | 6               |
| 5.3                                   | 2000                                | 174.87                | 35400                                          | 2.2                                               |             |                 |
| 5.1                                   | 2080                                | 276.77                | 35200                                          | 2.1                                               | FA 97       | 4               |
| 5.5                                   | 1900                                | 253.41                | 35600                                          | 2.3                                               | FAF 97      | 4               |
| 6.2                                   | 1680                                | 223.88                | 36000                                          | 2.6                                               | F 97        | 4               |
| 3.4                                   | 3090                                | 270.68                | 16000                                          | 0.95                                              |             |                 |
| 3.6                                   | 2920                                | 255.37                | 22700                                          | 1.05                                              | FA 87       | 6               |
| 4.0                                   | 2610                                | 228.93                | 24400                                          | 1.15                                              | FAF 87      | 6               |
| 4.7                                   | 2250                                | 197.20                | 25700                                          | 1.35                                              | F 87        | 6               |
| 5.1                                   | 2050                                | 179.97                | 26300                                          | 1.45                                              | FF 87       | 6               |
| 5.8                                   | 1820                                | 159.61                | 27000                                          | 1.65                                              |             |                 |
| 5.2                                   | 2030                                | 270.68                | 26300                                          | 1.50                                              | FA 87       | 4               |
| 5.5                                   | 1920                                | 255.37                | 26700                                          | 1.55                                              | FAF 87      | 4               |
| 6.1                                   | 1720                                | 228.93                | 27200                                          | 1.75                                              | F 87        | 4               |
| 7.1                                   | 1480                                | 197.20                | 27900                                          | 2.0                                               | FF 87       | 4               |
| 7.8                                   | 1350                                | 179.97                | 28200                                          | 2.2                                               | FA 87       | 4               |
| 8.8                                   | 1200                                | 159.61                | 28500                                          | 2.5                                               | FAF 87      | 4               |
| 10                                    | 1010                                | 134.16                | 29000                                          | 3.0                                               | F 87        | 4               |
| 11                                    | 930                                 | 123.29                | 29100                                          | 3.2                                               | FF 87       | 4               |
| 7.1                                   | 1490                                | 198.31                | 15800                                          | 1.00                                              | FA 77       | 4               |
| 7.4                                   | 1410                                | 188.40                | 16300                                          | 1.05                                              | FAF 77      | 4               |
| 8.4                                   | 1250                                | 166.47                | 17200                                          | 1.20                                              | F 77        | 4               |
| 9.8                                   | 1070                                | 142.27                | 18000                                          | 1.40                                              | FF 77       | 4               |
| 11                                    | 980                                 | 130.42                | 18400                                          | 1.55                                              |             |                 |
| 12                                    | 860                                 | 114.45                | 18800                                          | 1.75                                              | FA 77       | 4               |
| 13                                    | 810                                 | 108.46                | 18900                                          | 1.85                                              | FAF 77      | 4               |
| 15                                    | 710                                 | 94.93                 | 19200                                          | 2.1                                               | F 77        | 4               |
| 16                                    | 640                                 | 85.52                 | 19400                                          | 2.3                                               | FF 77       | 4               |
| 19                                    | 565                                 | 75.02                 | 19800                                          | 2.7                                               |             |                 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>коэффициент<br>г/в | Модель     | Потужність<br>P |
|---------------------------------------|-------------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|------------|-----------------|
| <b>1.1kW</b>                          |                                     |                       |                                                |                                                   |            |                 |
| 12                                    | 910                                 | 120.79                | 9460                                           | 0.90                                              |            |                 |
| 13                                    | 820                                 | 109.04                | 10300                                          | 1.00                                              |            |                 |
| 15                                    | 720                                 | 95.94                 | 11100                                          | 1.15                                              |            |                 |
| 15                                    | 680                                 | 90.59                 | 11400                                          | 1.20                                              |            |                 |
| 18                                    | 600                                 | 79.76                 | 11900                                          | 1.35                                              | FA 67      | 4               |
| 21                                    | 510                                 | 67.65                 | 12400                                          | 1.60                                              | FAF 67     | 4               |
| 23                                    | 460                                 | 61.07                 | 12600                                          | 1.80                                              | F 67       | 4               |
| 26                                    | 405                                 | 53.73                 | 12800                                          | 2.0                                               | FF 67      | 4               |
| 28                                    | 380                                 | 50.74                 | 12900                                          | 2.2                                               |            |                 |
| 32                                    | 325                                 | 43.20                 | 13000                                          | 2.5                                               |            |                 |
| 36                                    | 295                                 | 39.26                 | 13000                                          | 2.7                                               |            |                 |
| 41                                    | 255                                 | 34.01                 | 13000                                          | 2.9                                               |            |                 |
| 17                                    | 625                                 | 83.46                 | 8470                                           | 0.95                                              |            |                 |
| 19                                    | 550                                 | 72.98                 | 9590                                           | 1.10                                              |            |                 |
| 21                                    | 510                                 | 68.22                 | 9840                                           | 1.15                                              | FA 57      | 4               |
| 24                                    | 440                                 | 58.97                 | 10300                                          | 1.35                                              | FAF 57     | 4               |
| 28                                    | 375                                 | 50.10                 | 10700                                          | 1.60                                              | F 57       | 4               |
| 31                                    | 335                                 | 44.73                 | 10700                                          | 1.80                                              | FF 57      | 4               |
| 37                                    | 285                                 | 38.21                 | 10400                                          | 2.1                                               |            |                 |
| 39                                    | 270                                 | 35.79                 | 10200                                          | 2.2                                               |            |                 |
| 46                                    | 225                                 | 30.15                 | 9810                                           | 2.6                                               |            |                 |
| 25                                    | 425                                 | 56.49                 | 3730                                           | 0.95                                              | FA 47      | 4               |
| 29                                    | 360                                 | 48.00                 | 6440                                           | 1.10                                              | FAF 47     | 4               |
|                                       |                                     |                       |                                                |                                                   | F 47       | 4               |
|                                       |                                     |                       |                                                |                                                   | FF 47      | 4               |
| 33                                    | 320                                 | 42.86                 | 6860                                           | 1.25                                              | FA 47      | 4               |
| 38                                    | 275                                 | 36.61                 | 7280                                           | 1.45                                              | FAF 47     | 4               |
| 41                                    | 255                                 | 34.29                 | 7260                                           | 1.55                                              | F 47       | 4               |
| 48                                    | 215                                 | 28.88                 | 7040                                           | 1.85                                              | FF 47      | 4               |
| 45                                    | 230                                 | 30.86                 | 7130                                           | 1.75                                              | FA 47      | 4               |
| 48                                    | 220                                 | 29.32                 | 7060                                           | 1.80                                              | FAF 47     | 4               |
| 54                                    | 193                                 | 25.72                 | 6880                                           | 2.1                                               | F 47       | 4               |
| 64                                    | 164                                 | 21.82                 | 6640                                           | 2.4                                               | FF 47      | 4               |
| 71                                    | 148                                 | 19.70                 | 6490                                           | 2.7                                               |            |                 |
| 44                                    | 240                                 | 31.69                 | 3660                                           | 0.85                                              | FA 37      | 4               |
| 50                                    | 210                                 | 28.09                 | 3970                                           | 1.95                                              | FAF 37     | 4               |
| 59                                    | 179                                 | 23.88                 | 3930                                           | 1.10                                              | F 37       | 4               |
|                                       |                                     |                       |                                                |                                                   | FF 37      | 4               |
| 68                                    | 154                                 | 20.57                 | 3870                                           | 1.30                                              |            |                 |
| 73                                    | 145                                 | 19.27                 | 3740                                           | 1.40                                              |            |                 |
| 82                                    | 128                                 | 17.03                 | 3780                                           | 1.55                                              |            |                 |
| 98                                    | 108                                 | 14.33                 | 3680                                           | 1.85                                              |            |                 |
| 109                                   | 97                                  | 12.87                 | 3610                                           | 2.1                                               |            |                 |
| 126                                   | 83                                  | 11.08                 | 3500                                           | 2.3                                               | FA 37      | 4               |
| 134                                   | 78                                  | 10.42                 | 3460                                           | 2.4                                               | FAF 37     | 4               |
| 156                                   | 67                                  | 8.97                  | 3350                                           | 2.6                                               | F 37       | 4               |
| 175                                   | 60                                  | 8.01                  | 3260                                           | 2.8                                               | FF 37      | 4               |
| 208                                   | 51                                  | 6.74                  | 3090                                           | 2.8                                               |            |                 |
| 231                                   | 45                                  | 6.05                  | 3010                                           | 3.0                                               |            |                 |
| 269                                   | 39                                  | 5.21                  | 2900                                           | 3.2                                               |            |                 |
| 286                                   | 37                                  | 4.90                  | 2860                                           | 3.3                                               |            |                 |
| 332                                   | 32                                  | 4.22                  | 2750                                           | 3.5                                               |            |                 |
| 372                                   | 28                                  | 3.77                  | 2670                                           | 3.7                                               |            |                 |
| <b>1.5kW</b>                          |                                     |                       |                                                |                                                   |            |                 |
| 0.58                                  | 21900                               | 2427                  | 86400                                          | 0.80                                              |            |                 |
| 0.65                                  | 19700                               | 2185                  | 95000                                          | 0.90                                              |            |                 |
| 0.73                                  | 17500                               | 1944                  | 101700                                         | 1.05                                              |            |                 |
| 0.84                                  | 15300                               | 1674                  | 107400                                         | 1.20                                              | FA 157R97  | 4               |
| 1.1                                   | 11944                               | 1308                  | 114400                                         | 1.50                                              | FAF 157R97 | 4               |
| 1.2                                   | 10600                               | 1169                  | 116400                                         | 1.70                                              | F 157R97   | 4               |
| 1.5                                   | 8540                                | 953                   | 119100                                         | 2.1                                               | FF 157R97  | 4               |
| 1.7                                   | 7530                                | 845                   | 120000                                         | 2.4                                               |            |                 |
| 3.2                                   | 3980                                | 446                   | 120000                                         | 4.5                                               |            |                 |
| 4.7                                   | 2690                                | 302                   | 120000                                         | 6.7                                               |            |                 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_N$<br>[N] | Коефіцієнт експлуатаційного<br>коэффициент<br>г/в | Модель      | Потужність<br>P |
|---------------------------------------|-------------------------------------|-----------------------|------------------------------------------------|---------------------------------------------------|-------------|-----------------|
| <b>1.5kW</b>                          |                                     |                       |                                                |                                                   |             |                 |
| 0.88                                  | 14800                               | 1606                  | 85000                                          | 0.80                                              |             |                 |
| 1.0                                   | 12800                               | 1390                  | 89000                                          | 0.95                                              |             |                 |
| 1.2                                   | 11200                               | 1220                  | 90000                                          | 1.05                                              | FA 127 R77  | 4               |
| 1.3                                   | 9910                                | 1077                  | 90000                                          | 1.20                                              | FAF 127 R77 | 4               |
| 1.5                                   | 8520                                | 930                   | 90000                                          | 1.40                                              | F 127 R77   | 4               |
| 1.7                                   | 7500                                | 820                   | 90000                                          | 1.60                                              | FF 127 R77  | 4               |
| 1.9                                   | 6630                                | 727                   | 90000                                          | 1.80                                              |             |                 |
| 2.2                                   | 5960                                | 648                   | 90000                                          | 2.0                                               |             |                 |
| 1.5                                   | 8730                                | 950                   | 46900                                          | 0.90                                              |             |                 |
| 1.7                                   | 7640                                | 834                   | 49900                                          | 1.00                                              |             |                 |
| 1.9                                   | 6730                                | 736                   | 52300                                          | 1.15                                              | FA 107 R77  | 4               |
| 2.2                                   | 5890                                | 640                   | 54300                                          | 1.30                                              | FAF 107 R77 | 4               |
| 2.5                                   | 5110                                | 560                   | 56100                                          | 1.50                                              | F 107 R77   | 4               |
| 2.9                                   | 4460                                | 489                   | 57500                                          | 1.70                                              | FF 107 R77  | 4               |
| 3.2                                   | 4010                                | 438                   | 58400                                          | 1.90                                              |             |                 |
| 3.8                                   | 3400                                | 370                   | 59600                                          | 2.3                                               |             |                 |
| 3.7                                   | 4880                                | 529                   | 19800                                          | 0.90                                              | FA 97 R57   | 4               |
| 4.0                                   | 4310                                | 467                   | 20900                                          | 1.00                                              | FAF 97 R57  | 4               |
| 4.5                                   | 3730                                | 406                   | 21500                                          | 1.15                                              | F 97 R57    | 4               |
| 4.9                                   | 3340                                | 363                   | 22500                                          | 1.30                                              | FF 97 R57   | 4               |
| 4.1                                   | 3180                                | 345                   | 11100                                          | 0.95                                              | FA 87 R57   | 4               |
| 4.7                                   | 2760                                | 300                   | 23900                                          | 1.10                                              | FAF 87 R57  | 4               |
| 5.7                                   | 2290                                | 249                   | 25500                                          | 1.30                                              | F 87 R57    | 4               |
|                                       |                                     |                       |                                                |                                                   | FF 87 R57   | 4               |
| 2.8                                   | 5210                                | 254.40                | 55900                                          | 1.50                                              | FA 107      | 8               |
| 3.2                                   | 4410                                | 215.37                | 57600                                          | 1.75                                              | FAF 107     | 8               |
| 3.5                                   | 4080                                | 199.31                | 58300                                          | 1.90                                              | F 107       | 8               |
| 3.9                                   | 3660                                | 178.64                | 59100                                          | 2.1                                               | FF 107      | 8               |
| 3.6                                   | 3960                                | 254.40                | 58500                                          | 1.95                                              | FA 107      | 6               |
| 4.3                                   | 3350                                | 215.37                | 59700                                          | 2.3                                               | FAF 107     | 6               |
| 4.6                                   | 3100                                | 199.31                | 60200                                          | 2.5                                               | F 107       | 6               |
| 5.2                                   | 2780                                | 178.64                | 60800                                          | 2.8                                               | FF 107      | 6               |
| 3.3                                   | 4310                                | 276.77                | 29900                                          | 1.00                                              | FA 97       | 6               |
| 3.6                                   | 3950                                | 253.41                | 30900                                          | 1.10                                              | FAF 97      | 6               |
| 4.1                                   | 3490                                | 223.88                | 32100                                          | 1.25                                              | F 97        | 6               |
| 4.8                                   | 2960                                | 189.92                | 33400                                          | 1.45                                              | FF 97       | 6               |
| 5.3                                   | 2720                                | 174.87                | 33900                                          | 1.60                                              |             |                 |
| 5.1                                   | 2810                                | 276.77                | 33700                                          | 1.55                                              | FA 97       | 4               |
| 5.6                                   | 2570                                | 253.41                | 34300                                          | 1.65                                              | FAF 97      | 4               |
| 6.3                                   | 2270                                | 223.88                | 34900                                          | 1.90                                              | F 97        | 4               |
| 7.4                                   | 1930                                | 189.92                | 35500                                          | 2.2                                               | FF 97       | 4               |
| 8.1                                   | 1780                                | 174.87                | 35800                                          | 2.4                                               |             |                 |
| 5.2                                   | 2750                                | 270.68                | 23900                                          | 1.10                                              | FA 87       | 4               |
| 5.5                                   | 2590                                | 255.37                | 24500                                          | 1.15                                              | FAF 87      | 4               |
| 6.2                                   | 2330                                | 228.93                | 24600                                          | 1.30                                              | F 87        | 4               |
| 7.2                                   | 2000                                | 197.20                | 2500                                           | 1.50                                              | FF 87       | 4               |
| 7.8                                   | 1830                                | 179.97                | 26900                                          | 1.65                                              | FA 87       | 4               |
| 8.8                                   | 1620                                | 159.61                | 27500                                          | 1.85                                              | FAF 87      | 4               |
| 11                                    | 1360                                | 134.16                | 28200                                          | 2.2                                               | F 87        | 4               |
| 13                                    | 1110                                | 109.49                | 28700                                          | 2.7                                               | FF 87       | 4               |
| 14                                    | 990                                 | 97.89                 | 29000                                          | 3.0                                               |             |                 |
| 8.5                                   | 1690                                | 166.47                | 14300                                          | 0.90                                              | FA 77       | 4               |
| 9.9                                   | 1450                                | 142.27                | 16100                                          | 1.05                                              | FAF 77      | 4               |
| 11                                    | 1320                                | 130.42                | 16800                                          | 1.15                                              | F 77        | 4               |
| 12                                    | 1160                                | 114.45                | 17600                                          | 1.30                                              | FF 77       | 4               |
| 13                                    | 1100                                | 108.46                | 17900                                          | 1.35                                              |             |                 |
| 15                                    | 960                                 | 94.93                 | 18400                                          | 1.55                                              |             |                 |
| 16                                    | 870                                 | 85.52                 | 18800                                          | 1.75                                              |             |                 |
| 19                                    | 760                                 | 75.02                 | 19100                                          | 1.95                                              |             |                 |
| 19                                    | 735                                 | 72.50                 | 19200                                          | 2.0                                               | FA 77       | 4               |
| 21                                    | 675                                 | 66.46                 | 19300                                          | 2.2                                               | FAF 77      | 4               |

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

| Вихідна швидкість $n_2$ [r/min] | Вихідний момент $M_2$ [N·m] | Співвідношення $i$ | Дозволене навантаження $F_{a2}$ [N] | Коефіцієнт обслуговування $K_B$ | Модель     | Полос | P |
|---------------------------------|-----------------------------|--------------------|-------------------------------------|---------------------------------|------------|-------|---|
| <b>2.2kW</b>                    |                             |                    |                                     |                                 |            |       |   |
| 1.3                             | 14600                       | 1077               | 85300                               | 0.80                            | FA 127 R77 | 4     | 4 |
| 1.5                             | 12600                       | 930                | 89300                               | 0.95                            |            |       |   |
| 1.7                             | 11100                       | 820                | 90000                               | 1.10                            |            |       |   |
| 1.9                             | 9830                        | 727                | 90000                               | 1.20                            |            |       |   |
| 2.2                             | 8810                        | 648                | 90000                               | 1.35                            |            |       |   |
| 2.6                             | 7460                        | 549                | 90000                               | 1.60                            |            |       |   |
| 2.8                             | 6720                        | 495                | 90000                               | 1.80                            | FF 127 R77 | 4     | 4 |
| 3.3                             | 5810                        | 428                | 90000                               | 2.1                             |            |       |   |
| 2.2                             | 8700                        | 640                | 47000                               | 0.90                            | FA 107 R77 | 4     | 4 |
| 2.5                             | 7580                        | 560                | 50100                               | 1.00                            |            |       |   |
| 2.9                             | 6610                        | 489                | 52500                               | 1.15                            |            |       |   |
| 3.2                             | 5930                        | 436                | 54200                               | 1.30                            |            |       |   |
| 3.8                             | 5030                        | 370                | 56300                               | 1.55                            |            |       |   |
| 4.2                             | 4520                        | 333                | 57300                               | 1.70                            |            |       |   |
| 3.9                             | 4940                        | 363                | 16500                               | 0.85                            | FA 97 R57  | 4     | 4 |
| 4.9                             | 3890                        | 285                | 31100                               | 1.10                            |            |       |   |
| 5.8                             | 3340                        | 245                | 32500                               | 1.30                            |            |       |   |
| 2.8                             | 7640                        | 254.40             | 49900                               | 1.00                            | FA 107     | 8     | 8 |
| 3.2                             | 6460                        | 215.37             | 52900                               | 1.20                            |            |       |   |
| 3.5                             | 5980                        | 199.31             | 54100                               | 1.30                            |            |       |   |
| 3.9                             | 5360                        | 178.64             | 55500                               | 1.45                            |            |       |   |
| 3.7                             | 5690                        | 254.40             | 54800                               | 1.35                            | FA 107     | 6     | 6 |
| 4.4                             | 4810                        | 215.37             | 56700                               | 1.60                            |            |       |   |
| 4.7                             | 4450                        | 199.31             | 57500                               | 1.70                            |            |       |   |
| 5.3                             | 3990                        | 178.64             | 58400                               | 1.90                            |            |       |   |
| 5.5                             | 3790                        | 254.40             | 58900                               | 2.0                             | FA 107     | 4     | 4 |
| 6.6                             | 3210                        | 215.37             | 60500                               | 2.4                             |            |       |   |
| 7.1                             | 2970                        | 199.31             | 60400                               | 2.6                             |            |       |   |
| 7.9                             | 2660                        | 178.64             | 61000                               | 2.9                             |            |       |   |
| 4.2                             | 5000                        | 223.88             | 12400                               | 0.85                            | FA 97      | 6     | 6 |
| 4.9                             | 4240                        | 189.92             | 30100                               | 1.00                            |            |       |   |
| 5.4                             | 3910                        | 174.87             | 31000                               | 1.10                            |            |       |   |
| 6.0                             | 3490                        | 156.30             | 32100                               | 1.25                            |            |       |   |
| 5.1                             | 4120                        | 276.77             | 30400                               | 1.05                            | FA 97      | 4     | 4 |
| 5.6                             | 3780                        | 253.41             | 31400                               | 1.15                            |            |       |   |
| 6.3                             | 3340                        | 233.88             | 32500                               | 1.30                            |            |       |   |
| 7.4                             | 2830                        | 189.92             | 33700                               | 1.50                            |            |       |   |
| 8.1                             | 2610                        | 174.87             | 34200                               | 1.65                            | FA 97      | 4     | 4 |
| 9.0                             | 2330                        | 156.30             | 34800                               | 1.85                            |            |       |   |
| 10                              | 2100                        | 140.71             | 35200                               | 2.0                             |            |       |   |
| 11                              | 1900                        | 127.42             | 35600                               | 2.3                             |            |       |   |
| 7.2                             | 2940                        | 197.20             | 22000                               | 1.00                            | FA 87      | 4     | 4 |
| 7.8                             | 2680                        | 179.97             | 24200                               | 1.10                            |            |       |   |
| 8.8                             | 2380                        | 159.61             | 25200                               | 1.25                            |            |       |   |
| 11                              | 2000                        | 134.16             | 26400                               | 1.50                            |            |       |   |
| 11                              | 1840                        | 123.29             | 26900                               | 1.65                            | FA 87      | 4     | 4 |
| 13                              | 1630                        | 109.49             | 27500                               | 1.85                            |            |       |   |
| 14                              | 1460                        | 97.89              | 27900                               | 2.1                             |            |       |   |
| 16                              | 1310                        | 88.01              | 28300                               | 2.3                             |            |       |   |
| 18                              | 1140                        | 76.39              | 27800                               | 2.6                             | FA 87      | 4     | 4 |
| 21                              | 1020                        | 68.40              | 27100                               | 2.9                             |            |       |   |
| 25                              | 850                         | 56.75              | 25900                               | 3.5                             |            |       |   |
| 28                              | 750                         | 50.36              | 25200                               | 3.9                             |            |       |   |
| 31                              | 675                         | 45.28              | 24500                               | 4.2                             | FA 77      | 4     | 4 |
| 12                              | 1710                        | 114.45             | 14200                               | 0.90                            |            |       |   |
| 13                              | 1620                        | 108.46             | 14900                               | 0.95                            |            |       |   |
| 15                              | 1410                        | 94.93              | 16300                               | 1.05                            |            |       |   |
| 16                              | 1270                        | 85.52              | 17100                               | 1.20                            |            |       |   |
| 19                              | 1120                        | 75.02              | 17800                               | 1.35                            | FA 77      | 4     | 4 |
| 21                              | 990                         | 66.46              | 18300                               | 1.50                            |            |       |   |
| 24                              | 870                         | 58.32              | 18800                               | 1.75                            |            |       |   |
| 26                              | 820                         | 55.27              | 18900                               | 1.80                            |            |       |   |
| 29                              | 720                         | 48.37              | 19200                               | 2.1                             | FA 77      | 4     | 4 |
| 32                              | 650                         | 43.58              | 19400                               | 2.3                             |            |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Спів-<br>відно-<br>шення<br>$i$ | Дозволене<br>наванта-<br>ження<br>$F_{a2}$<br>[N] | Коефі-<br>цієнт<br>обслу-<br>гову-<br>вання<br>$K_B$ | Модель     | Полос | P |
|---------------------------------------|-------------------------------------|---------------------------------|---------------------------------------------------|------------------------------------------------------|------------|-------|---|
| 2.2kW                                 |                                     |                                 |                                                   |                                                      |            |       |   |
| 39                                    | 545                                 | 36.58                           | 19800                                             | 2.0                                                  | FA 77      | 4     | 4 |
| 45                                    | 470                                 | 31.51                           | 19700                                             | 2.9                                                  | FAF77      | 4     | 4 |
| 49                                    | 430                                 | 28.75                           | 19800                                             | 3.3                                                  | F 77       | 4     | 4 |
| 55                                    | 380                                 | 25.50                           | 19900                                             | 4.0                                                  | FF 77      | 4     | 4 |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 23                                    | 910                                 | 61.07                           | 9420                                              | 0.90                                                 |            |       |   |
| 26                                    | 800                                 | 53.73                           | 10500                                             | 1.00                                                 | FA 67      | 4     | 4 |
| 28                                    | 755                                 | 50.74                           | 10800                                             | 1.10                                                 | FAF67      | 4     | 4 |
| 33                                    | 645                                 | 43.20                           | 11600                                             | 1.25                                                 | F 67       | 4     | 4 |
| 36                                    | 585                                 | 39.26                           | 12000                                             | 1.35                                                 | FF 67      | 4     | 4 |
| 41                                    | 505                                 | 34.01                           | 12400                                             | 1.45                                                 |            |       |   |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 44                                    | 480                                 | 32.08                           | 12500                                             | 1.70                                                 |            |       |   |
| 51                                    | 410                                 | 27.41                           | 12800                                             | 2.0                                                  | FA 67      | 4     | 4 |
| 56                                    | 375                                 | 25.13                           | 12900                                             | 2.2                                                  | FAF67      | 4     | 4 |
| 64                                    | 330                                 | 22.05                           | 13000                                             | 2.5                                                  | F 67       | 4     | 4 |
| 67                                    | 310                                 | 20.90                           | 13000                                             | 2.6                                                  | FF 67      | 4     | 4 |
| 77                                    | 275                                 | 18.29                           | 13000                                             | 3.0                                                  |            |       |   |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 32                                    | 665                                 | 44.73                           | 4480                                              | 0.90                                                 | FA 57      | 4     | 4 |
| 37                                    | 570                                 | 38.21                           | 4660                                              | 1.05                                                 | FAF57      | 4     | 4 |
| 39                                    | 535                                 | 35.79                           | 4620                                              | 1.15                                                 | F 57       | 4     | 4 |
| 47                                    | 450                                 | 30.15                           | 4460                                              | 1.30                                                 | FF 57      | 4     | 4 |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 56                                    | 370                                 | 24.96                           | 8240                                              | 1.55                                                 | FA 57      | 4     | 4 |
| 67                                    | 315                                 | 21.17                           | 8020                                              | 1.90                                                 | FAF57      | 4     | 4 |
| 74                                    | 285                                 | 19.11                           | 7870                                              | 2.1                                                  | F 57       | 4     | 4 |
| 84                                    | 250                                 | 16.81                           | 7670                                              | 2.4                                                  | FF 57      | 4     | 4 |
| 89                                    | 235                                 | 15.88                           | 7580                                              | 2.5                                                  |            |       |   |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 55                                    | 385                                 | 25.72                           | 5560                                              | 1.05                                                 |            |       |   |
| 65                                    | 325                                 | 21.82                           | 5520                                              | 1.25                                                 |            |       |   |
| 72                                    | 295                                 | 19.70                           | 5480                                              | 1.35                                                 | FA 47      | 4     | 4 |
| 81                                    | 260                                 | 17.33                           | 5410                                              | 1.55                                                 | FAF47      | 4     | 4 |
| 86                                    | 245                                 | 16.36                           | 5370                                              | 1.65                                                 | F 47       | 4     | 4 |
| 101                                   | 210                                 | 13.93                           | 5250                                              | 1.95                                                 | FF 47      | 4     | 4 |
| 111                                   | 189                                 | 12.66                           | 5170                                              | 2.1                                                  |            |       |   |
| 129                                   | 163                                 | 10.97                           | 5040                                              | 2.5                                                  |            |       |   |
| 157                                   | 133                                 | 8.96                            | 4740                                              | 2.5                                                  |            |       |   |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 98                                    | 215                                 | 14.33                           | 2790                                              | 0.95                                                 |            |       |   |
| 110                                   | 192                                 | 12.87                           | 2810                                              | 1.05                                                 |            |       |   |
| 127                                   | 165                                 | 11.08                           | 2820                                              | 1.15                                                 | FA 37      | 4     | 4 |
| 135                                   | 155                                 | 10.42                           | 2810                                              | 1.20                                                 | FAF37      | 4     | 4 |
| 157                                   | 134                                 | 8.97                            | 2790                                              | 1.30                                                 | F 37       | 4     | 4 |
| 176                                   | 119                                 | 8.01                            | 2770                                              | 1.40                                                 | FF 37      | 4     | 4 |
| 209                                   | 100                                 | 6.74                            | 2630                                              | 1.40                                                 |            |       |   |
| 233                                   | 90                                  | 6.05                            | 2590                                              | 1.50                                                 |            |       |   |
| 271                                   | 78                                  | 5.21                            | 2540                                              | 1.60                                                 |            |       |   |
| 288                                   | 73                                  | 4.90                            | 2520                                              | 1.65                                                 |            |       |   |
| 334                                   | 63                                  | 4.22                            | 2460                                              | 1.75                                                 |            |       |   |
| 374                                   | 56                                  | 3.77                            | 2400                                              | 1.85                                                 |            |       |   |
| 3.0kW                                 |                                     |                                 |                                                   |                                                      |            |       |   |
| 1.2                                   | 21700                               | 11.69                           | 87200                                             | 0.85                                                 |            |       |   |
| 1.5                                   | 17600                               | 953                             | 101300                                            | 1.00                                                 |            |       |   |
| 1.7                                   | 15600                               | 845                             | 106700                                            | 1.15                                                 |            |       |   |
| 1.8                                   | 14100                               | 764                             | 110100                                            | 1.30                                                 | FA 157 R97 | 4     | 4 |
| 2.1                                   | 12600                               | 680                             | 113200                                            | 1.45                                                 | FAF157 R97 | 4     | 4 |
| 2.4                                   | 10600                               | 576                             | 116400                                            | 1.70                                                 | F 157 R97  | 4     | 4 |
| 3.1                                   | 8250                                | 446                             | 119500                                            | 2.2                                                  | FF 157 R97 | 4     | 4 |
| 4.6                                   | 5580                                | 302                             | 120000                                            | 3.2                                                  |            |       |   |
| 5.1                                   | 5040                                | 273                             | 120000                                            | 3.6                                                  |            |       |   |
| 6.1                                   | 4250                                | 232                             | 120000                                            | 4.2                                                  |            |       |   |
| 7.1                                   | 3610                                | 197                             | 120000                                            | 5.0                                                  |            |       |   |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 1.9                                   | 13600                               | 727                             | 87400                                             | 0.90                                                 | FA 127 R77 | 4     | 4 |
| 2.2                                   | 12200                               | 648                             | 90000                                             | 1.00                                                 | FAF127 R77 | 4     | 4 |
| 2.5                                   | 10300                               | 549                             | 90000                                             | 1.15                                                 | F 127 R77  | 4     | 4 |
| 2.8                                   | 9270                                | 495                             | 90000                                             | 1.30                                                 | FF 127 R77 | 4     | 4 |
|                                       |                                     |                                 |                                                   |                                                      |            |       |   |
| 3.2                                   | 8170                                | 436                             | 48500                                             | 0.95                                                 | FA 107 R77 | 4     | 4 |
| 3.8                                   | 6930                                | 370                             | 51800                                             | 1.10                                                 | FAF107 R77 | 4     | 4 |
| 4.2                                   | 6240                                | 333                             | 53500                                             | 1.25                                                 | F 107 R77  | 4     | 4 |
| 4.8                                   | 5460                                | 291                             | 55300                                             | 1.40                                                 | FF 107 R77 | 4     | 4 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт обслуговування<br>$K_B$ | Модель  | Полоса |
|---------------------------------------|-------------------------------------|-----------------------|-------------------------------------------|------------------------------------|---------|--------|
| 3.0kW                                 |                                     |                       |                                           |                                    |         |        |
| 3.7                                   | 7750                                | 245.40                | 49600                                     | 1.00                               | FA 107  | 6      |
| 4.4                                   | 6560                                | 215.37                | 52700                                     | 1.15                               | FAF 107 | 6      |
| 4.7                                   | 6070                                | 199.31                | 53900                                     | 1.25                               | F 107   | 6      |
| 5.3                                   | 5440                                | 178.64                | 55300                                     | 1.40                               | FF 107  | 6      |
| 5.5                                   | 5210                                | 254.40                | 55900                                     | 1.50                               | FA 107  | 4      |
| 6.5                                   | 4410                                | 215.37                | 57600                                     | 1.75                               | FAF 107 | 4      |
| 7.0                                   | 4080                                | 199.31                | 58300                                     | 1.90                               | F 107   | 4      |
| 7.8                                   | 3660                                | 178.64                | 59100                                     | 2.1                                | FF 107  | 4      |
| 8.7                                   | 3300                                | 161.28                | 59800                                     | 2.3                                |         |        |
| 6.2                                   | 4580                                | 223.88                | 29000                                     | 0.95                               | FA 97   | 6      |
| 7.4                                   | 3890                                | 189.92                | 31100                                     | 1.10                               | FAF 97  | 6      |
| 8.0                                   | 3580                                | 174.87                | 31900                                     | 1.20                               | F 97    | 6      |
|                                       |                                     |                       |                                           |                                    | FF 97   | 6      |
| 9.0                                   | 3200                                | 157.30                | 32800                                     | 1.35                               |         |        |
| 9.9                                   | 2880                                | 140.71                | 33600                                     | 1.50                               |         |        |
| 11                                    | 2610                                | 127.42                | 34200                                     | 1.65                               | FA 97   | 4      |
| 12                                    | 2310                                | 112.99                | 24800                                     | 1.85                               | F 97    | 4      |
| 14                                    | 2090                                | 102.16                | 35200                                     | 2.1                                | FF 97   | 4      |
| 16                                    | 1840                                | 89.85                 | 35700                                     | 2.3                                |         |        |
| 10                                    | 2750                                | 134.16                | 23900                                     | 1.10                               | FA 87   | 6      |
| 11                                    | 2520                                | 123.29                | 24700                                     | 1.20                               | F 87    | 6      |
| 13                                    | 2240                                | 109.49                | 25700                                     | 1.35                               | FF 87   | 6      |
| 14                                    | 2000                                | 97.89                 | 26400                                     | 1.50                               |         |        |
| 16                                    | 1800                                | 88.01                 | 26900                                     | 1.65                               | FA 87   | 4      |
| 18                                    | 1560                                | 76.39                 | 26300                                     | 1.90                               | FAF 87  | 4      |
| 20                                    | 1400                                | 68.40                 | 25700                                     | 2.1                                | F 87    | 4      |
| 25                                    | 1160                                | 56.75                 | 24800                                     | 2.6                                | FF 87   | 4      |
| 28                                    | 1030                                | 50.36                 | 24100                                     | 2.8                                |         |        |
| 16                                    | 1750                                | 85.52                 | 13800                                     | 0.85                               | FA 77   | 6      |
| 19                                    | 1540                                | 75.02                 | 15500                                     | 1.00                               | FAF 77  | 6      |
| 21                                    | 1360                                | 66.46                 | 16600                                     | 1.10                               | F 77    | 6      |
| 24                                    | 1190                                | 58.32                 | 17500                                     | 1.25                               | FF 77   | 6      |
| 25                                    | 1130                                | 55.27                 | 17600                                     | 1.35                               | FA 77   | 4      |
| 29                                    | 990                                 | 48.37                 | 18300                                     | 1.50                               | FAF 77  | 4      |
| 32                                    | 890                                 | 43.58                 | 18700                                     | 1.70                               | F 77    | 4      |
| 37                                    | 780                                 | 38.23                 | 19000                                     | 1.90                               | FF 77   | 4      |
| 38                                    | 750                                 | 36.58                 | 19100                                     | 1.50                               |         |        |
| 44                                    | 645                                 | 31.51                 | 19400                                     | 2.1                                | FA 77   | 4      |
| 49                                    | 590                                 | 28.75                 | 19500                                     | 2.4                                | FAF 77  | 4      |
| 55                                    | 520                                 | 25.50                 | 19700                                     | 2.9                                | F 77    | 4      |
| 65                                    | 440                                 | 21.43                 | 19800                                     | 3.4                                | FF 77   | 4      |
| 32                                    | 880                                 | 43.20                 | 9690                                      | 0.95                               | FA 67   | 6      |
| 36                                    | 800                                 | 39.26                 | 10500                                     | 0.95                               | FAF 67  | 6      |
| 41                                    | 695                                 | 34.01                 | 11300                                     | 1.05                               | F 67    | 6      |
|                                       |                                     |                       |                                           |                                    | FF 67   | 6      |
| 44                                    | 655                                 | 32.08                 | 11600                                     | 1.25                               |         |        |
| 51                                    | 560                                 | 27.41                 | 12100                                     | 1.40                               |         |        |
| 56                                    | 515                                 | 25.13                 | 12300                                     | 1.65                               | FA 67   | 4      |
| 63                                    | 450                                 | 22.05                 | 12600                                     | 1.80                               | FAF 67  | 4      |
| 67                                    | 430                                 | 20.90                 | 12700                                     | 1.90                               | F 67    | 4      |
| 77                                    | 375                                 | 18.29                 | 12900                                     | 2.2                                | FF 67   | 4      |
| 85                                    | 335                                 | 16.48                 | 13000                                     | 2.4                                |         |        |
| 97                                    | 295                                 | 14.46                 | 13000                                     | 2.8                                |         |        |
| 56                                    | 510                                 | 24.96                 | 7440                                      | 1.15                               |         |        |
| 66                                    | 435                                 | 21.17                 | 7340                                      | 1.40                               |         |        |
| 73                                    | 390                                 | 19.11                 | 7260                                      | 1.55                               | FA 57   | 4      |
| 83                                    | 345                                 | 16.81                 | 7140                                      | 1.75                               | FAF 57  | 4      |
| 88                                    | 325                                 | 15.88                 | 7080                                      | 1.85                               | F 57    | 4      |
| 104                                   | 275                                 | 13.52                 | 6890                                      | 2.2                                | FF 57   | 4      |
| 114                                   | 250                                 | 12.29                 | 6780                                      | 2.4                                |         |        |
| 132                                   | 220                                 | 10.64                 | 6590                                      | 2.8                                |         |        |

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F$<br>[N] | Коефіцієнт обслуговування<br>$K$ | Модель | Полос | $P$ |
|---------------------------------------|-----------------------------------|-----------------------|--------------------------------------|----------------------------------|--------|-------|-----|
| <b>4.0kW</b>                          |                                   |                       |                                      |                                  |        |       |     |
| 21                                    | 1790                              | 66.46                 | 13400                                | 0.85                             | FA 77  | 4     | 4   |
| 24                                    | 1570                              | 58.32                 | 15200                                | 0.95                             | FAF 77 | 4     | 4   |
| 26                                    | 1490                              | 55.27                 | 15800                                | 1.00                             | F 77   | 4     | 4   |
| 29                                    | 1300                              | 48.37                 | 16900                                | 1.15                             | FF 77  | 4     | 4   |
| 33                                    | 1170                              | 43.58                 | 17600                                | 1.30                             | FA 77  | 4     | 4   |
| 37                                    | 1030                              | 38.23                 | 18200                                | 1.45                             | FAF 77 | 4     | 4   |
| 42                                    | 910                               | 33.74                 | 18600                                | 1.65                             | F 77   | 4     | 4   |
| 47                                    | 800                               | 29.91                 | 19000                                | 1.85                             | FA 77  | 4     | 4   |
| 56                                    | 685                               | 25.54                 | 19300                                | 2.1                              | FF 77  | 4     | 4   |
| 45                                    | 850                               | 31.51                 | 18800                                | 1.65                             | FA 77  | 4     | 4   |
| 49                                    | 775                               | 28.75                 | 19100                                | 1.85                             | FAF 77 | 4     | 4   |
| 56                                    | 685                               | 25.50                 | 19300                                | 2.2                              | F 77   | 4     | 4   |
| 66                                    | 575                               | 21.43                 | 19600                                | 2.6                              | FA 77  | 4     | 4   |
| 72                                    | 530                               | 19.70                 | 19600                                | 2.9                              | FF 77  | 4     | 4   |
| 52                                    | 735                               | 27.41                 | 11000                                | 1.10                             |        |       |     |
| 57                                    | 675                               | 25.13                 | 11400                                | 1.20                             |        |       |     |
| 64                                    | 595                               | 22.05                 | 11900                                | 1.40                             |        |       |     |
| 68                                    | 560                               | 20.90                 | 12100                                | 1.45                             |        |       |     |
| 78                                    | 490                               | 18.29                 | 12400                                | 1.65                             |        |       |     |
| 86                                    | 445                               | 16.48                 | 12700                                | 1.85                             |        |       |     |
| 98                                    | 390                               | 14.46                 | 12900                                | 2.1                              |        |       |     |
| 111                                   | 345                               | 12.76                 | 13000                                | 2.4                              |        |       |     |
| 126                                   | 305                               | 11.31                 | 13000                                | 2.7                              |        |       |     |
| 147                                   | 260                               | 9.66                  | 13000                                | 3.2                              |        |       |     |
| 156                                   | 245                               | 9.08                  | 13000                                | 2.2                              |        |       |     |
| 165                                   | 230                               | 8.60                  | 12800                                | 2.5                              |        |       |     |
| 189                                   | 205                               | 7.53                  | 12400                                | 3.0                              |        |       |     |
| 209                                   | 183                               | 6.78                  | 12100                                | 3.4                              |        |       |     |
| 239                                   | 160                               | 5.95                  | 11700                                | 3.8                              |        |       |     |
| 270                                   | 141                               | 5.25                  | 11700                                | 4.2                              |        |       |     |
| 305                                   | 125                               | 4.66                  | 11000                                | 4.5                              |        |       |     |
| 357                                   | 107                               | 3.97                  | 10600                                | 4.7                              |        |       |     |
| 67                                    | 570                               | 21.17                 | 6490                                 | 1.05                             |        |       |     |
| 74                                    | 515                               | 19.11                 | 6490                                 | 1.15                             |        |       |     |
| 84                                    | 450                               | 16.81                 | 6450                                 | 1.35                             |        |       |     |
| 89                                    | 425                               | 15.88                 | 6430                                 | 1.40                             |        |       |     |
| 105                                   | 365                               | 13.52                 | 6340                                 | 1.65                             |        |       |     |
| 116                                   | 330                               | 12.29                 | 6270                                 | 1.80                             |        |       |     |
| 133                                   | 285                               | 10.64                 | 6150                                 | 2.1                              |        |       |     |
| 153                                   | 250                               | 9.31                  | 5850                                 | 1.70                             |        |       |     |
| 173                                   | 220                               | 8.19                  | 5730                                 | 1.90                             |        |       |     |
| 184                                   | 210                               | 7.73                  | 5680                                 | 2.0                              |        |       |     |
| 216                                   | 177                               | 6.58                  | 5510                                 | 2.4                              |        |       |     |
| 237                                   | 161                               | 5.98                  | 5410                                 | 2.6                              |        |       |     |
| 274                                   | 139                               | 5.18                  | 5250                                 | 3.0                              |        |       |     |
| <b>5.5kW</b>                          |                                   |                       |                                      |                                  |        |       |     |
| 2.5                                   | 19300                             | 576                   | 96300                                | 0.95                             |        |       |     |
| 2.8                                   | 16800                             | 503                   | 103600                               | 1.05                             |        |       |     |
| 3.2                                   | 15000                             | 446                   | 108200                               | 1.20                             |        |       |     |
| 4.1                                   | 11800                             | 353                   | 114500                               | 1.55                             |        |       |     |
| 4.7                                   | 10100                             | 302                   | 117100                               | 1.80                             |        |       |     |
| 5.2                                   | 9160                              | 273                   | 118400                               | 1.95                             |        |       |     |
| 6.2                                   | 7750                              | 232                   | 120000                               | 2.3                              |        |       |     |
| 7.1                                   | 6750                              | 202                   | 120000                               | 2.7                              |        |       |     |
| 7.3                                   | 6570                              | 197                   | 120000                               | 2.7                              |        |       |     |
| 3.4                                   | 14000                             | 418                   | 86500                                | 0.85                             |        |       |     |
| 3.8                                   | 12600                             | 374                   | 89400                                | 0.95                             |        |       |     |
| 4.6                                   | 10500                             | 312                   | 90000                                | 1.15                             |        |       |     |
| 4.9                                   | 9840                              | 293                   | 90000                                | 1.20                             |        |       |     |
| 5.5                                   | 8680                              | 259                   | 90000                                | 1.40                             |        |       |     |
| 6.4                                   | 7500                              | 223                   | 90000                                | 1.60                             |        |       |     |
| 3.3                                   | 14500                             | 428                   | 85600                                | 0.85                             |        |       |     |
| 3.8                                   | 12700                             | 376                   | 89100                                | 0.95                             |        |       |     |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F$<br>[N] | Коефіцієнт обслуговування<br>$K$ | Модель | Полос | $P$ |
|---------------------------------------|-----------------------------------|-----------------------|--------------------------------------|----------------------------------|--------|-------|-----|
| <b>5.5kW</b>                          |                                   |                       |                                      |                                  |        |       |     |
| 2.7                                   | 19800                             | 267.43                | 94600                                | 0.90                             |        |       |     |
| 3.3                                   | 16100                             | 217.62                | 105500                               | 1.10                             |        |       |     |
| 4.0                                   | 13200                             | 178.20                | 111900                               | 1.35                             |        |       |     |
| 4.4                                   | 12100                             | 162.96                | 114000                               | 1.50                             |        |       |     |
| 5.0                                   | 10500                             | 141.80                | 116600                               | 1.70                             |        |       |     |
| 5.7                                   | 9260                              | 125.14                | 118300                               | 1.95                             |        |       |     |
| 6.5                                   | 8030                              | 108.49                | 119700                               | 2.2                              |        |       |     |
| 7.4                                   | 7140                              | 96.53                 | 120000                               | 2.5                              |        |       |     |
| 8.3                                   | 6350                              | 85.80                 | 120000                               | 2.8                              |        |       |     |
| 9.1                                   | 5800                              | 78.46                 | 120000                               | 3.1                              |        |       |     |
| 10                                    | 5050                              | 68.28                 | 120000                               | 3.6                              |        |       |     |
| 4.2                                   | 12600                             | 170.83                | 89200                                | 0.95                             |        |       |     |
| 4.6                                   | 11400                             | 153.67                | 90000                                | 1.05                             |        |       |     |
| 5.7                                   | 9270                              | 125.37                | 90000                                | 1.30                             |        |       |     |
| 6.2                                   | 8460                              | 114.34                | 90000                                | 1.40                             |        |       |     |
| 6.6                                   | 7910                              | 115.37                | 49200                                | 0.95                             |        |       |     |
| 7.2                                   | 7320                              | 109.31                | 50800                                | 1.05                             |        |       |     |
| 8.0                                   | 6560                              | 108.64                | 52700                                | 1.15                             |        |       |     |
| 8.9                                   | 5920                              | 101.26                | 54200                                | 1.30                             |        |       |     |
| 9.8                                   | 5380                              | 108.49                | 55500                                | 1.45                             |        |       |     |
| 11                                    | 4770                              | 129.97                | 56800                                | 1.60                             |        |       |     |
| 12                                    | 4330                              | 117.94                | 57700                                | 1.75                             |        |       |     |
| 14                                    | 3720                              | 101.38                | 59000                                | 2.1                              |        |       |     |
| 15                                    | 3400                              | 92.47                 | 59600                                | 2.3                              |        |       |     |
| 16                                    | 3250                              | 88.49                 | 59900                                | 2.4                              |        |       |     |
| 17                                    | 3080                              | 83.99                 | 60200                                | 2.5                              |        |       |     |
| 11                                    | 4680                              | 127.42                | 27400                                | 0.90                             |        |       |     |
| 13                                    | 4150                              | 112.99                | 30300                                | 1.05                             |        |       |     |
| 14                                    | 3750                              | 102.16                | 31400                                | 1.15                             |        |       |     |
| 15                                    | 3580                              | 97.58                 | 31900                                | 1.20                             |        |       |     |
| 16                                    | 3300                              | 89.85                 | 32600                                | 1.30                             |        |       |     |
| 17                                    | 3180                              | 86.59                 | 32900                                | 1.35                             |        |       |     |
| 18                                    | 2950                              | 80.31                 | 33400                                | 1.45                             |        |       |     |
| 19                                    | 2780                              | 75.63                 | 33800                                | 1.55                             |        |       |     |
| 20                                    | 2660                              | 72.29                 | 34100                                | 1.60                             |        |       |     |
| 22                                    | 2400                              | 65.47                 | 34600                                | 1.80                             |        |       |     |
| 25                                    | 2130                              | 58.06                 | 34500                                | 2.0                              |        |       |     |
| 27                                    | 1930                              | 52.49                 | 33900                                | 2.2                              |        |       |     |
| 16                                    | 3230                              | 88.01                 | 5760                                 | 0.95                             |        |       |     |
| 19                                    | 2810                              | 76.39                 | 57200                                | 1.05                             |        |       |     |
| 21                                    | 2510                              | 68.40                 | 57200                                | 1.20                             |        |       |     |
| 25                                    | 2080                              | 56.75                 | 57200                                | 1.45                             |        |       |     |
| 28                                    | 1850                              | 50.36                 | 56800                                | 1.60                             |        |       |     |
| 32                                    | 1660                              | 45.28                 | 56500                                | 1.70                             |        |       |     |
| 36                                    | 1440                              | 39.30                 | 56100                                | 1.90                             |        |       |     |
| 41                                    | 1290                              | 35.19                 | 56000                                | 2.0                              |        |       |     |
| 49                                    | 1070                              | 29.20                 | 56100                                | 2.3                              |        |       |     |
| 42                                    | 1250                              | 33.92                 | 19700                                | 2.1                              |        |       |     |
| 50                                    | 1060                              | 28.78                 | 19100                                | 2.3                              |        |       |     |
| 54                                    | 970                               | 26.50                 | 18800                                | 3.1                              |        |       |     |
| 60                                    | 870                               | 23.68                 | 18400                                | 3.5                              |        |       |     |
| 30                                    | 1780                              | 48.37                 | 13500                                | 0.85                             |        |       |     |
| 33                                    | 1600                              | 43.58                 | 15000                                | 0.95                             |        |       |     |
| 37                                    | 1400                              | 38.23                 | 16300                                | 1.05                             |        |       |     |
| 42                                    | 1240                              | 33.74                 | 17300                                | 1.20                             |        |       |     |
| 48                                    | 1100                              | 29.91                 | 17900                                | 1.35                             |        |       |     |
| 56                                    | 940                               | 25.54                 | 18500                                | 1.55                             |        |       |     |
| 56                                    | 940                               | 25.5                  | 18500                                | 1.60                             |        |       |     |
| 67                                    | 785                               | 21.43                 | 19000                                | 1.90                             |        |       |     |
| 73                                    | 725                               | 19.70                 | 19200                                | 2.1                              |        |       |     |
| 82                                    | 645                               | 17.49                 | 19400                                | 2.3                              |        |       |     |
| 91                                    | 575                               | 15.84                 | 19600                                | 2.6                              |        |       |     |
| 102                                   | 515                               | 14.06                 | 19300                                | 2.9                              |        |       |     |
| 117                                   | 450                               | 12.20                 | 18600                                | 3.3                              |        |       |     |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене навантаження<br>$F$<br>[N] | Коефіцієнт обслуговування<br>$K$ | Модель | Полоса  | Р |
|---------------------------------------|-------------------------------------|-----------------------|--------------------------------------|----------------------------------|--------|---------|---|
| 5.5kW                                 |                                     |                       |                                      |                                  |        |         |   |
| 65                                    | 810                                 | 22.05                 | 10400                                | 1.00                             |        |         |   |
| 68                                    | 770                                 | 20.90                 | 10800                                | 1.05                             |        |         |   |
| 78                                    | 670                                 | 18.29                 | 11500                                | 1.20                             |        |         |   |
| 87                                    | 605                                 | 16.48                 | 11900                                | 1.35                             |        |         |   |
| 99                                    | 530                                 | 14.46                 | 12300                                | 1.55                             |        |         |   |
| 112                                   | 470                                 | 12.76                 | 12500                                | 1.75                             |        |         |   |
| 126                                   | 415                                 | 11.31                 | 12800                                | 1.95                             | FA     | 67      | 4 |
| 148                                   | 355                                 | 9.66                  | 12900                                | 2.3                              | F      | 67      | 4 |
| 158                                   | 335                                 | 9.08                  | 12400                                | 1.60                             | FF     | 67      | 4 |
| 166                                   | 315                                 | 8.60                  | 12300                                | 1.80                             |        |         |   |
| 190                                   | 275                                 | 7.53                  | 12000                                | 2.2                              |        |         |   |
| 211                                   | 250                                 | 6.78                  | 11700                                | 2.5                              |        |         |   |
| 240                                   | 220                                 | 5.95                  | 11400                                | 2.8                              |        |         |   |
| 272                                   | 193                                 | 5.25                  | 11100                                | 3.1                              |        |         |   |
| 307                                   | 171                                 | 4.66                  | 10700                                | 3.3                              |        |         |   |
| 360                                   | 146                                 | 3.97                  | 10300                                | 3.4                              |        |         |   |
| 85                                    | 620                                 | 16.81                 | 5450                                 | 0.95                             |        |         |   |
| 90                                    | 585                                 | 15.88                 | 5470                                 | 1.05                             |        |         |   |
| 106                                   | 495                                 | 13.52                 | 5530                                 | 1.20                             | FA     | 57      | 4 |
| 116                                   | 450                                 | 12.29                 | 5530                                 | 1.35                             | F      | 57      | 4 |
| 134                                   | 390                                 | 10.64                 | 5510                                 | 1.55                             | FF     | 57      | 4 |
| 175                                   | 300                                 | 8.19                  | 5190                                 | 1.40                             |        |         |   |
| 185                                   | 285                                 | 7.73                  | 5160                                 | 1.50                             |        |         |   |
| 217                                   | 240                                 | 6.58                  | 5070                                 | 1.75                             |        |         |   |
| 239                                   | 220                                 | 5.98                  | 5010                                 | 1.90                             |        |         |   |
| 276                                   | 190                                 | 5.18                  | 4900                                 | 2.2                              |        |         |   |
| 7.5kW                                 |                                     |                       |                                      |                                  |        |         |   |
| 4.6                                   | 14300                               | 312                   | 85900                                | 0.85                             | FA     | 127 R87 | 4 |
| 4.9                                   | 13500                               | 293                   | 87600                                | 0.90                             | F      | 127 R87 | 4 |
| 5.5                                   | 11900                               | 259                   | 90000                                | 1.00                             | F      | 127 R87 | 4 |
| 6.4                                   | 10300                               | 223                   | 90000                                | 1.15                             | FF     | 127 R87 | 4 |
| 7.2                                   | 9080                                | 198                   | 90000                                | 1.30                             |        |         |   |
| 3.3                                   | 21600                               | 217.62                | 87600                                | 0.85                             |        |         |   |
| 4.0                                   | 17700                               | 178.20                | 101100                               | 1.00                             |        |         |   |
| 4.4                                   | 16200                               | 162.96                | 105200                               | 1.10                             |        |         |   |
| 5.1                                   | 14100                               | 141.80                | 110100                               | 1.30                             |        |         |   |
| 5.8                                   | 12400                               | 125.14                | 113300                               | 1.45                             |        |         |   |
| 6.6                                   | 10800                               | 108.49                | 116100                               | 1.65                             | FA     | 157     | 6 |
| 7.5                                   | 9600                                | 96.53                 | 117800                               | 1.85                             | F      | 157     | 6 |
| 8.4                                   | 8530                                | 85.80                 | 119200                               | 2.1                              | F      | 157     | 6 |
| 9.2                                   | 7810                                | 78.46                 | 120000                               | 2.3                              | FF     | 157     | 6 |
| 11                                    | 6790                                | 68.28                 | 120000                               | 2.7                              |        |         |   |
| 12                                    | 5990                                | 60.25                 | 120000                               | 3.0                              |        |         |   |
| 14                                    | 5200                                | 52.24                 | 120000                               | 3.5                              |        |         |   |
| 15                                    | 4620                                | 46.48                 | 120000                               | 3.9                              |        |         |   |
| 18                                    | 3980                                | 40.06                 | 120000                               | 4.5                              |        |         |   |
| 3.6                                   | 20000                               | 267.43                | 9400                                 | 0.90                             |        |         |   |
| 4.4                                   | 16200                               | 217.62                | 105100                               | 1.10                             |        |         |   |
| 5.4                                   | 13300                               | 178.20                | 111700                               | 1.35                             |        |         |   |
| 5.9                                   | 12200                               | 162.96                | 113800                               | 1.50                             | FA     | 157     | 6 |
| 6.8                                   | 10600                               | 141.80                | 116400                               | 1.70                             | F      | 157     | 6 |
| 7.7                                   | 9340                                | 125.14                | 118200                               | 1.95                             | FF     | 157     | 6 |
| 8.9                                   | 8090                                | 108.49                | 119700                               | 2.2                              |        |         |   |
| 9.9                                   | 7200                                | 96.53                 | 120000                               | 2.5                              |        |         |   |
| 11                                    | 6450                                | 85.80                 | 120000                               | 2.8                              |        |         |   |
| 12                                    | 5850                                | 78.46                 | 120000                               | 3.1                              |        |         |   |
| 14                                    | 5090                                | 68.28                 | 120000                               | 3.5                              |        |         |   |
| 16                                    | 4500                                | 60.25                 | 120000                               | 4.0                              |        |         |   |
| 18                                    | 3900                                | 52.24                 | 193000                               | 4.6                              |        |         |   |
| 5.7                                   | 12500                               | 125.37                | 89500                                | 0.95                             | FA     | 127     | 6 |
| 6.3                                   | 11400                               | 114.34                | 90000                                | 1.05                             | F      | 127     | 6 |
| 7.3                                   | 9840                                | 98.95                 | 90000                                | 1.20                             | F      | 127     | 6 |
| 8.2                                   | 8690                                | 87.31                 | 90000                                | 1.40                             | FF     | 127     | 6 |
| 5.6                                   | 12700                               | 170.83                | 89000                                | 0.95                             | FA     | 127     | 6 |
| 6.2                                   | 11500                               | 153.67                | 90000                                | 1.05                             | F      | 127     | 6 |
| 7.7                                   | 9350                                | 125.37                | 90000                                | 1.30                             | F      | 127     | 6 |
| 8.4                                   | 8530                                | 114.34                | 90000                                | 1.40                             | FF     | 127     | 6 |

# F мотор-редуктор з паралельним валом

# F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{max}$<br>[N] | Коефіцієнт експлуатації<br>ГВ | Модель     | Полос | $p$ |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------|-------------------------------|------------|-------|-----|
| <b>9.2kW</b>                          |                                   |                       |                                                    |                               |            |       |     |
| 4.1                                   | 19700                             | 353                   | 94800                                              | 0.90                          |            |       |     |
| 4.8                                   | 16900                             | 302                   | 103300                                             | 1.05                          | FA 157 R87 | 4     |     |
| 5.3                                   | 15300                             | 273                   | 107400                                             | 1.20                          | FAF157 R87 | 4     |     |
| 6.2                                   | 13000                             | 232                   | 112400                                             | 1.40                          | F 157 R87  | 4     |     |
| 7.1                                   | 11300                             | 202                   | 115300                                             | 1.60                          | FF 157 R87 | 4     |     |
| 7.3                                   | 11000                             | 197                   | 115800                                             | 1.65                          |            |       |     |
| 5.6                                   | 14500                             | 259                   | 85600                                              | 0.85                          | FA 127 R87 | 4     |     |
| 6.4                                   | 12500                             | 223                   | 89400                                              | 0.95                          | FAF127 R87 | 4     |     |
| 7.3                                   | 11100                             | 198                   | 90000                                              | 1.10                          | F 127 R87  | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 127 R87 | 4     |     |
| 8.4                                   | 10400                             | 170.83                | 90000                                              | 1.15                          | FA 127     | 4     |     |
| 9.4                                   | 9380                              | 153.67                | 90000                                              | 1.30                          | FAF 127    | 4     |     |
| 11                                    | 7650                              | 125.37                | 90000                                              | 1.55                          | F 127      | 4     |     |
| 13                                    | 6980                              | 114.34                | 90000                                              | 1.70                          | FF 127     | 4     |     |
| 15                                    | 6040                              | 98.95                 | 90000                                              | 2.0                           |            |       |     |
| 9.8                                   | 8940                              | 146.49                | 46300                                              | 0.85                          | FA 107     | 4     |     |
| 11                                    | 7930                              | 129.97                | 49100                                              | 0.95                          | FAF 107    | 4     |     |
| 12                                    | 7200                              | 117.94                | 51100                                              | 1.05                          | F 107      | 4     |     |
| 14                                    | 6180                              | 101.38                | 53600                                              | 1.25                          | FF 107     | 4     |     |
| 16                                    | 5640                              | 92.47                 | 54900                                              | 1.35                          |            |       |     |
| 17                                    | 5120                              | 83.99                 | 56000                                              | 1.50                          | FA 107     | 4     |     |
| 19                                    | 4550                              | 74.52                 | 57300                                              | 1.70                          | FAF 107    | 4     |     |
| 21                                    | 4130                              | 67.62                 | 58200                                              | 1.85                          | F 107      | 4     |     |
| 25                                    | 3550                              | 58.12                 | 58300                                              | 2.2                           | FF 107     | 4     |     |
| 28                                    | 3100                              | 50.73                 | 56800                                              | 2.5                           |            |       |     |
| 18                                    | 4900                              | 80.31                 | 18700                                              | 0.90                          | FA 97      | 4     |     |
| 19                                    | 4610                              | 75.63                 | 28900                                              | 0.95                          | FAF 97     | 4     |     |
| 20                                    | 4410                              | 72.29                 | 29600                                              | 0.95                          | F 97       | 4     |     |
| 22                                    | 3990                              | 65.47                 | 29600                                              | 1.10                          | FF 97      | 4     |     |
| 25                                    | 3540                              | 58.06                 | 29500                                              | 1.20                          |            |       |     |
| 27                                    | 3200                              | 52.49                 | 29300                                              | 1.35                          | FA 97      | 4     |     |
| 32                                    | 2710                              | 44.49                 | 28800                                              | 1.60                          | FAF 97     | 4     |     |
| 37                                    | 2370                              | 38.86                 | 28400                                              | 1.80                          | F 97       | 4     |     |
| 44                                    | 1980                              | 32.50                 | 27600                                              | 2.2                           | FF 97      | 4     |     |
| 42                                    | 2070                              | 33.91                 | 27800                                              | 2.1                           | FA 97      | 4     |     |
| 47                                    | 1850                              | 30.39                 | 27300                                              | 2.3                           | FAF 97     | 4     |     |
| 52                                    | 1670                              | 27.44                 | 26800                                              | 2.6                           | F 97       | 4     |     |
| 58                                    | 1520                              | 24.92                 | 26300                                              | 2.8                           | FF 97      | 4     |     |
| 29                                    | 3070                              | 50.36                 | 16000                                              | 0.95                          | FA 87      | 4     |     |
| 32                                    | 2760                              | 45.28                 | 16200                                              | 1.00                          | FAF 87     | 4     |     |
| 37                                    | 2400                              | 39.30                 | 16400                                              | 1.15                          | F 87       | 4     |     |
| 41                                    | 2150                              | 35.19                 | 16400                                              | 1.20                          | FF 87      | 4     |     |
| 49                                    | 1780                              | 29.20                 | 16300                                              | 1.40                          |            |       |     |
| 54                                    | 1620                              | 26.50                 | 16200                                              | 1.85                          |            |       |     |
| 61                                    | 1440                              | 23.68                 | 16100                                              | 2.1                           | FA 87      | 4     |     |
| 68                                    | 1300                              | 21.32                 | 15900                                              | 2.3                           | FAF 87     | 4     |     |
| 75                                    | 1180                              | 19.31                 | 15700                                              | 2.5                           | F 87       | 4     |     |
| 84                                    | 1040                              | 17.12                 | 15400                                              | 2.9                           | FF 87      | 4     |     |
| 93                                    | 940                               | 15.48                 | 15200                                              | 3.2                           |            |       |     |
| 110                                   | 800                               | 13.12                 | 14700                                              | 3.8                           |            |       |     |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{max}$<br>[N] | Коефіцієнт експлуатації<br>ГВ | Модель      | Полос | $p$ |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------|-------------------------------|-------------|-------|-----|
| <b>9.2kW</b>                          |                                   |                       |                                                    |                               |             |       |     |
| 73                                    | 1200                              | 19.70                 | 17400                                              | 1.25                          |             |       |     |
| 82                                    | 1070                              | 17.49                 | 18000                                              | 1.40                          |             |       |     |
| 92                                    | 950                               | 15.64                 | 18300                                              | 1.55                          |             |       |     |
| 102                                   | 860                               | 14.06                 | 18000                                              | 1.75                          |             |       |     |
| 118                                   | 745                               | 12.20                 | 17500                                              | 2.0                           | FA 77       | 4     |     |
| 132                                   | 665                               | 10.93                 | 17100                                              | 2.2                           | FAF 77      | 4     |     |
| 155                                   | 570                               | 9.30                  | 16000                                              | 1.90                          | F 77        | 4     |     |
| 174                                   | 505                               | 8.26                  | 15600                                              | 2.1                           | FF 77       | 4     |     |
| 195                                   | 450                               | 7.39                  | 15300                                              | 2.4                           |             |       |     |
| 217                                   | 405                               | 6.64                  | 15000                                              | 2.7                           |             |       |     |
| 250                                   | 350                               | 5.76                  | 14500                                              | 3.1                           |             |       |     |
| 279                                   | 315                               | 5.16                  | 14200                                              | 3.4                           |             |       |     |
| 336                                   | 260                               | 4.28                  | 13600                                              | 3.9                           |             |       |     |
| <b>11.0kW</b>                         |                                   |                       |                                                    |                               |             |       |     |
| 4.8                                   | 20300                             | 302                   | 92800                                              | 0.90                          | FA 157 R87  | 4     |     |
| 5.3                                   | 18300                             | 273                   | 99300                                              | 1.00                          | FAF 157 R87 | 4     |     |
| 6.2                                   | 15500                             | 232                   | 106900                                             | 1.15                          | F 157 R87   | 4     |     |
| 7.1                                   | 13500                             | 202                   | 111200                                             | 1.35                          | FF 157 R87  | 4     |     |
| 7.3                                   | 13200                             | 197                   | 112000                                             | 1.35                          |             |       |     |
| 6.4                                   | 15000                             | 223                   | 84500                                              | 0.80                          | FA 127 R87  | 4     |     |
| 7.3                                   | 13300                             | 198                   | 88000                                              | 0.90                          | FAF 127 R87 | 4     |     |
| 8.7                                   | 11100                             | 166                   | 90000                                              | 1.00                          | F 127 R87   | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 127 R87  | 4     |     |
| 5.1                                   | 20700                             | 141.80                | 91300                                              | 0.85                          | FA 157      | 8     |     |
| 5.8                                   | 18300                             | 125.14                | 99500                                              | 1.00                          | FAF 157     | 8     |     |
| 6.6                                   | 15800                             | 108.49                | 106100                                             | 1.15                          | F 157       | 8     |     |
| 7.5                                   | 14100                             | 96.53                 | 110100                                             | 1.30                          | FF 157      | 8     |     |
| 5.4                                   | 19500                             | 178.20                | 95500                                              | 0.90                          |             |       |     |
| 5.9                                   | 17800                             | 162.96                | 100800                                             | 1.00                          |             |       |     |
| 6.8                                   | 15500                             | 141.80                | 106900                                             | 1.15                          | FA 157      | 6     |     |
| 7.7                                   | 13700                             | 125.14                | 110900                                             | 1.30                          | FAF 157     | 6     |     |
| 8.9                                   | 11900                             | 108.49                | 114300                                             | 1.50                          | F 157       | 6     |     |
| 9.9                                   | 10500                             | 96.53                 | 116400                                             | 1.70                          | FF 157      | 6     |     |
| 11                                    | 9390                              | 85.80                 | 118100                                             | 1.90                          |             |       |     |
| 12                                    | 8590                              | 78.46                 | 119100                                             | 2.1                           |             |       |     |
| 5.4                                   | 19500                             | 267.43                | 95500                                              | 0.90                          |             |       |     |
| 6.6                                   | 15900                             | 217.62                | 106000                                             | 1.15                          |             |       |     |
| 8.1                                   | 13000                             | 178.20                | 112300                                             | 1.40                          |             |       |     |
| 8.8                                   | 11900                             | 162.96                | 114300                                             | 1.50                          | FA 157      | 4     |     |
| 10                                    | 10300                             | 141.80                | 116800                                             | 1.75                          | FAF 157     | 4     |     |
| 12                                    | 9130                              | 125.14                | 118400                                             | 1.95                          | F 157       | 4     |     |
| 13                                    | 7910                              | 108.49                | 119900                                             | 2.3                           | FF 157      | 4     |     |
| 15                                    | 7040                              | 96.53                 | 120000                                             | 2.6                           |             |       |     |
| 17                                    | 6260                              | 85.80                 | 118100                                             | 2.9                           |             |       |     |
| 18                                    | 5720                              | 78.46                 | 115700                                             | 3.1                           |             |       |     |
| 21                                    | 4960                              | 68.28                 | 112000                                             | 3.6                           |             |       |     |
| 7.7                                   | 13700                             | 125.37                | 87100                                              | 0.85                          | FA 127      | 6     |     |
| 8.4                                   | 12500                             | 114.34                | 89500                                              | 0.95                          | FAF 127     | 6     |     |
| 9.7                                   | 10800                             | 98.95                 | 90000                                              | 1.10                          | F 127       | 6     |     |
| 11                                    | 9550                              | 87.31                 | 90000                                              | 1.25                          | FF 127      | 6     |     |
| 13                                    | 8250                              | 75.41                 | 90000                                              | 1.45                          |             |       |     |
| 8.4                                   | 12500                             | 170.83                | 89500                                              | 0.95                          |             |       |     |
| 9.4                                   | 11200                             | 153.67                | 90000                                              | 1.05                          | FA 127      | 4     |     |
| 11                                    | 9150                              | 125.37                | 90000                                              | 1.30                          | FAF 127     | 4     |     |
| 13                                    | 8340                              | 114.34                | 90000                                              | 1.45                          | F 127       | 4     |     |
| 15                                    | 7220                              | 98.95                 | 90000                                              | 1.65                          | FF 127      | 4     |     |
| 16                                    | 6370                              | 87.31                 | 90000                                              | 1.90                          |             |       |     |
| 19                                    | 5500                              | 75.41                 | 86600                                              | 2.2                           |             |       |     |
| 12                                    | 8600                              | 117.94                | 47300                                              | 0.90                          | FA 107      | 4     |     |
| 14                                    | 7400                              | 101.38                | 50600                                              | 1.05                          | FAF 107     | 4     |     |
| 16                                    | 6750                              | 92.47                 | 52200                                              | 1.15                          | F 107       | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 107      | 4     |     |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{max}$<br>[N] | Коефіцієнт експлуатації<br>ГВ | Модель      | Полос | $p$ |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------|-------------------------------|-------------|-------|-----|
| <b>11.0kW</b>                         |                                   |                       |                                                    |                               |             |       |     |
| 17                                    | 6130                              | 83.99                 | 53700                                              | 1.25                          |             |       |     |
| 19                                    | 5440                              | 74.52                 | 55300                                              | 1.40                          | FA 107      | 4     |     |
| 21                                    | 4930                              | 67.62                 | 56500                                              | 1.55                          | FAF 107     | 4     |     |
| 25                                    | 4240                              | 58.12                 | 56400                                              | 1.80                          | F 107       | 4     |     |
| 28                                    | 3700                              | 50.73                 | 55100                                              | 2.1                           | FF 107      | 4     |     |
| 33                                    | 3140                              | 43.03                 | 53500                                              | 2.5                           |             |       |     |
| 43                                    | 2470                              | 33.79                 | 51000                                              | 3.0                           | FA 107      | 4     |     |
| 52                                    | 2010                              | 27.97                 | 48800                                              | 3.9                           | FAF 107     | 4     |     |
| 57                                    | 1830                              | 25.14                 | 47800                                              | 4.3                           | F 107       | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 107      | 4     |     |
| 22                                    | 4780                              | 65.47                 | 24000                                              | 0.90                          | FA 97       | 4     |     |
| 25                                    | 4240                              | 58.06                 | 27100                                              | 1.00                          | FAF 97      | 4     |     |
| 27                                    | 3830                              | 52.49                 | 27100                                              | 1.10                          | F 97        | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 97       | 4     |     |
| 32                                    | 3250                              | 44.49                 | 27000                                              | 1.30                          | FA 97       | 4     |     |
| 37                                    | 2830                              | 38.86                 | 26700                                              | 1.50                          | FAF 97      | 4     |     |
| 44                                    | 2370                              | 32.50                 | 26200                                              | 1.80                          | F 97        | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 97       | 4     |     |
| 42                                    | 2470                              | 33.91                 | 26400                                              | 1.75                          | FA 97       | 4     |     |
| 47                                    | 2220                              | 30.39                 | 26000                                              | 1.95                          | FAF 97      | 4     |     |
| 52                                    | 2000                              | 27.44                 | 25600                                              | 2.2                           | F 97        | 4     |     |
| 58                                    | 1820                              | 24.92                 | 25200                                              | 2.4                           | FF 97       | 4     |     |
| 65                                    | 1610                              | 22.11                 | 24700                                              | 2.7                           |             |       |     |
| 37                                    | 2870                              | 39.30                 | 14600                                              | 0.95                          | FA 87       | 4     |     |
| 41                                    | 2570                              | 35.19                 | 14800                                              | 1.00                          | FAF 87      | 4     |     |
| 49                                    | 2130                              | 29.20                 | 15000                                              | 1.20                          | F 87        | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 87       | 4     |     |
| 54                                    | 1930                              | 26.50                 | 15000                                              | 1.55                          |             |       |     |
| 61                                    | 1730                              | 23.68                 | 15000                                              | 1.75                          | FA 87       | 4     |     |
| 68                                    | 1560                              | 21.32                 | 14900                                              | 1.95                          | FAF 87      | 4     |     |
| 75                                    | 1410                              | 19.31                 | 14800                                              | 2.1                           | F 87        | 4     |     |
| 84                                    | 1250                              | 17.12                 | 14600                                              | 2.4                           | FF 87       | 4     |     |
| 93                                    | 1130                              | 15.48                 | 14400                                              | 2.7                           |             |       |     |
| 110                                   | 960                               | 13.12                 | 14100                                              | 3.1                           |             |       |     |
| 73                                    | 1440                              | 19.70                 | 16100                                              | 1.05                          |             |       |     |
| 82                                    | 1280                              | 17.49                 | 17100                                              | 1.20                          |             |       |     |
| 92                                    | 1140                              | 15.64                 | 17600                                              | 1.30                          |             |       |     |
| 102                                   | 1030                              | 14.06                 | 17400                                              | 1.45                          |             |       |     |
| 118                                   | 890                               | 12.20                 | 17000                                              | 1.70                          |             |       |     |
| 132                                   | 795                               | 10.93                 | 16700                                              | 1.90                          | FA 77       | 4     |     |
| 155                                   | 680                               | 9.30                  | 15500                                              | 1.60                          | FAF 77      | 4     |     |
| 174                                   | 605                               | 8.26                  | 15200                                              | 1.80                          | F 77        | 4     |     |
| 195                                   | 540                               | 7.39                  | 14900                                              | 2.0                           | FF 77       | 4     |     |
| 217                                   | 485                               | 6.64                  | 14600                                              | 2.2                           |             |       |     |
| 250                                   | 420                               | 5.76                  | 14200                                              | 2.6                           |             |       |     |
| 279                                   | 375                               | 5.16                  | 13900                                              | 2.9                           |             |       |     |
| 336                                   | 310                               | 4.28                  | 13300                                              | 3.2                           |             |       |     |
| <b>15.0kW</b>                         |                                   |                       |                                                    |                               |             |       |     |
| 6.3                                   | 20900                             | 232                   | 90400                                              | 0.85                          | FA 157 R87  | 4     |     |
| 7.2                                   | 18300                             | 202                   | 99500                                              | 1.00                          | FAF 157 R87 | 4     |     |
| 7.4                                   | 17700                             | 197                   | 101000                                             | 1.00                          | F 157 R87   | 4     |     |
|                                       |                                   |                       |                                                    |                               | FF 157 R87  | 4     |     |
| 6.8                                   | 20900                             | 141.80                | 90400                                              | 0.85                          | FA 157      | 4     |     |
| 7.8                                   | 18500                             | 125.14                | 98800                                              | 0.95                          | FAF 157     | 4     |     |
| 8.9                                   | 16000                             | 108.49                | 105700                                             | 1.10                          | F 157       | 4     |     |
| 10                                    | 14300                             | 96.53                 | 109800                                             | 1.25                          | FF 157      | 4     |     |
| 11                                    | 12700                             | 85.80                 | 112900                                             | 1.40                          |             |       |     |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{max}$<br>[N] | Коефіцієнт експлуатації |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------|-------------------------|
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------|-------------------------|

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом



| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{\text{на}}$<br>[N] | Коефіцієнт обслуговування<br>$K_B$ | Модель      | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------------|------------------------------------|-------------|-------|---|
| <b>18.5kW</b>                         |                                   |                       |                                                          |                                    |             |       |   |
| 7.2                                   | 22500                             | 202                   | 76400                                                    | 0.80                               | FA 157 R97  | 4     |   |
| 7.5                                   | 21800                             | 197                   | 86800                                                    | 0.80                               | FAF 157 R97 | 4     |   |
|                                       |                                   |                       |                                                          |                                    | FF 157 R97  | 4     |   |
| 8.2                                   | 21500                             | 178.20                | 88200                                                    | 0.85                               |             |       |   |
| 9.0                                   | 19700                             | 162.96                | 95000                                                    | 0.90                               |             |       |   |
| 10                                    | 17100                             | 141.80                | 102800                                                   | 1.05                               |             |       |   |
| 12                                    | 15100                             | 125.14                | 107900                                                   | 1.20                               | FA 157      | 4     |   |
| 14                                    | 13100                             | 108.49                | 112100                                                   | 1.40                               | FAF 157     | 4     |   |
| 15                                    | 11600                             | 96.53                 | 111300                                                   | 1.55                               | F 157       | 4     |   |
| 17                                    | 10300                             | 85.80                 | 109300                                                   | 1.75                               | FF 157      | 4     |   |
| 19                                    | 9460                              | 78.46                 | 107600                                                   | 1.90                               |             |       |   |
| 21                                    | 8230                              | 68.28                 | 104900                                                   | 2.2                                |             |       |   |
| 24                                    | 7270                              | 60.25                 | 102300                                                   | 2.5                                |             |       |   |
| 28                                    | 6300                              | 52.24                 | 99300                                                    | 2.9                                |             |       |   |
| 13                                    | 13800                             | 114.34                | 82200                                                    | 0.85                               |             |       |   |
| 15                                    | 11900                             | 98.95                 | 81700                                                    | 1.00                               | FA 127      | 4     |   |
| 17                                    | 10500                             | 87.31                 | 80900                                                    | 1.15                               | FAF 127     | 4     |   |
| 19                                    | 9090                              | 75.41                 | 79700                                                    | 1.30                               | F 127       | 4     |   |
| 21                                    | 8450                              | 70.07                 | 79000                                                    | 1.40                               | FF 127      | 4     |   |
| 23                                    | 7710                              | 63.91                 | 79100                                                    | 1.55                               |             |       |   |
| 26                                    | 6670                              | 55.31                 | 76400                                                    | 1.80                               |             |       |   |
| 30                                    | 5880                              | 48.80                 | 74900                                                    | 2.0                                |             |       |   |
| 20                                    | 8990                              | 74.52                 | 46200                                                    | 0.85                               | FA 107      | 4     |   |
| 22                                    | 8150                              | 67.62                 | 48500                                                    | 0.95                               | FAF 107     | 4     |   |
| 25                                    | 7010                              | 58.12                 | 48700                                                    | 1.10                               | F 107       | 4     |   |
| 29                                    | 6120                              | 50.73                 | 48400                                                    | 1.25                               | FF 107      | 4     |   |
| 34                                    | 5190                              | 43.03                 | 47700                                                    | 1.50                               | FA 107      | 4     |   |
| 39                                    | 4540                              | 37.61                 | 47000                                                    | 1.70                               | FAF 107     | 4     |   |
| 46                                    | 3830                              | 31.80                 | 46000                                                    | 2.0                                | F 107       | 4     |   |
|                                       |                                   |                       |                                                          |                                    | FF 107      | 4     |   |
| 43                                    | 4070                              | 33.79                 | 46400                                                    | 1.80                               | FA 107      | 4     |   |
| 53                                    | 3320                              | 27.57                 | 45000                                                    | 2.4                                | FAF 107     | 4     |   |
| 58                                    | 3030                              | 25.14                 | 44300                                                    | 2.6                                | F 107       | 4     |   |
| 67                                    | 2620                              | 21.76                 | 43200                                                    | 3.0                                | FF 107      | 4     |   |
| 38                                    | 4690                              | 38.86                 | 20000                                                    | 0.90                               | FA 97       | 4     |   |
| 45                                    | 3920                              | 32.50                 | 20600                                                    | 1.10                               | FAF 97      | 4     |   |
|                                       |                                   |                       |                                                          |                                    | F 97        | 4     |   |
|                                       |                                   |                       |                                                          |                                    | FF 97       | 4     |   |
| 53                                    | 3310                              | 27.44                 | 20900                                                    | 1.30                               |             |       |   |
| 59                                    | 3010                              | 24.92                 | 20900                                                    | 1.45                               |             |       |   |
| 66                                    | 2670                              | 22.11                 | 20900                                                    | 1.60                               | FA 97       | 4     |   |
| 73                                    | 2420                              | 20.07                 | 20800                                                    | 1.80                               | FAF 97      | 4     |   |
| 85                                    | 2080                              | 17.25                 | 20500                                                    | 2.1                                | F 97        | 4     |   |
| 97                                    | 1820                              | 15.06                 | 20200                                                    | 2.4                                | FF 97       | 4     |   |
| 115                                   | 1540                              | 12.77                 | 19800                                                    | 2.8                                |             |       |   |
| 131                                   | 1350                              | 11.16                 | 19300                                                    | 3.0                                |             |       |   |
| 69                                    | 2570                              | 21.32                 | 10900                                                    | 1.15                               |             |       |   |
| 76                                    | 2330                              | 19.31                 | 11100                                                    | 1.30                               |             |       |   |
| 86                                    | 2060                              | 17.12                 | 11400                                                    | 1.45                               |             |       |   |
| 95                                    | 1870                              | 15.48                 | 11500                                                    | 1.60                               |             |       |   |
| 112                                   | 1580                              | 13.12                 | 11600                                                    | 1.90                               | FA 87       | 4     |   |
| 128                                   | 1380                              | 11.46                 | 11600                                                    | 2.2                                | FAF 87      | 4     |   |
| 153                                   | 1160                              | 9.58                  | 11500                                                    | 2.5                                | F 87        | 4     |   |
| 177                                   | 1000                              | 8.29                  | 10900                                                    | 1.55                               | FF 87       | 4     |   |
| 199                                   | 890                               | 7.35                  | 10800                                                    | 1.75                               |             |       |   |
| 220                                   | 800                               | 6.65                  | 10700                                                    | 1.90                               |             |       |   |
| 260                                   | 680                               | 5.63                  | 10400                                                    | 2.2                                |             |       |   |
| 298                                   | 595                               | 4.92                  | 10200                                                    | 2.6                                |             |       |   |
| 356                                   | 495                               | 4.12                  | 9900                                                     | 2.9                                |             |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{\text{на}}$<br>[N] | Коефіцієнт обслуговування<br>$K_B$ | Модель  | Полос | P |
|---------------------------------------|-----------------------------------|-----------------------|----------------------------------------------------------|------------------------------------|---------|-------|---|
| <b>22kW</b>                           |                                   |                       |                                                          |                                    |         |       |   |
| 10                                    | 20900                             | 96.53                 | 90500                                                    | 0.85                               | FA 157  | 6     |   |
| 11                                    | 18600                             | 85.80                 | 98500                                                    | 0.95                               | FAF 157 | 6     |   |
| 12                                    | 17000                             | 78.46                 | 103100                                                   | 1.05                               | F 157   | 6     |   |
| 14                                    | 14800                             | 68.28                 | 107700                                                   | 1.20                               | FF 157  | 6     |   |
| 10                                    | 20300                             | 141.80                | 92600                                                    | 0.90                               |         |       |   |
| 12                                    | 17900                             | 125.14                | 100400                                                   | 1.00                               |         |       |   |
| 14                                    | 15600                             | 108.49                | 106800                                                   | 1.15                               |         |       |   |
| 15                                    | 13800                             | 96.53                 | 106900                                                   | 1.30                               |         |       |   |
| 17                                    | 12300                             | 85.80                 | 105400                                                   | 1.45                               | FA 157  | 4     |   |
| 19                                    | 11300                             | 78.46                 | 104000                                                   | 1.60                               | FAF 157 | 4     |   |
| 21                                    | 97900                             | 68.28                 | 101700                                                   | 1.85                               | F 157   | 4     |   |
| 24                                    | 8640                              | 60.25                 | 99600                                                    | 2.1                                | FF 157  | 4     |   |
| 28                                    | 7490                              | 52.24                 | 97000                                                    | 2.4                                |         |       |   |
| 32                                    | 6660                              | 46.48                 | 94800                                                    | 2.7                                |         |       |   |
| 37                                    | 5740                              | 40.06                 | 91900                                                    | 3.1                                |         |       |   |
| 45                                    | 4670                              | 32.55                 | 97800                                                    | 3.9                                |         |       |   |
| 15                                    | 14200                             | 98.95                 | 76400                                                    | 0.85                               |         |       |   |
| 17                                    | 12500                             | 87.31                 | 76300                                                    | 0.95                               |         |       |   |
| 19                                    | 10800                             | 75.41                 | 75700                                                    | 1.10                               | FA 127  | 4     |   |
| 21                                    | 10000                             | 70.07                 | 75300                                                    | 1.20                               | FAF 127 | 4     |   |
| 23                                    | 9160                              | 63.91                 | 74700                                                    | 1.30                               | F 127   | 4     |   |
| 26                                    | 7930                              | 55.31                 | 73500                                                    | 1.50                               | FF 127  | 4     |   |
| 30                                    | 7000                              | 48.80                 | 72300                                                    | 1.70                               |         |       |   |
| 35                                    | 6040                              | 42.15                 | 70700                                                    | 2.0                                |         |       |   |
| 25                                    | 8330                              | 58.12                 | 45200                                                    | 0.90                               | FA 107  | 4     |   |
| 29                                    | 7280                              | 50.73                 | 45300                                                    | 1.05                               | FAF 107 | 4     |   |
| 34                                    | 6170                              | 43.03                 | 45100                                                    | 1.25                               | F 107   | 4     |   |
|                                       |                                   |                       |                                                          |                                    | FF 107  | 4     |   |
| 39                                    | 5390                              | 37.61                 | 44800                                                    | 1.40                               | FA 107  | 4     |   |
| 46                                    | 4560                              | 31.80                 | 44100                                                    | 1.70                               | FAF 107 | 4     |   |
|                                       |                                   |                       |                                                          |                                    | F 107   | 4     |   |
|                                       |                                   |                       |                                                          |                                    | FF 107  | 4     |   |
| 43                                    | 4850                              | 33.79                 | 44300                                                    | 1.55                               | FA 107  | 4     |   |
| 53                                    | 3950                              | 27.57                 | 43300                                                    | 2.0                                | FAF 107 | 4     |   |
| 58                                    | 3610                              | 25.14                 | 42800                                                    | 2.2                                | F 107   | 4     |   |
| 67                                    | 3120                              | 21.76                 | 41900                                                    | 2.5                                | FF 107  | 4     |   |
| 76                                    | 2750                              | 19.20                 | 41000                                                    | 2.8                                |         |       |   |
| 53                                    | 3940                              | 27.44                 | 18700                                                    | 1.10                               |         |       |   |
| 59                                    | 3570                              | 24.92                 | 18900                                                    | 1.20                               |         |       |   |
| 66                                    | 3170                              | 22.11                 | 19100                                                    | 1.35                               | FA 97   | 4     |   |
| 73                                    | 2880                              | 20.07                 | 19200                                                    | 1.50                               | FAF 97  | 4     |   |
| 85                                    | 2470                              | 17.25                 | 19100                                                    | 1.75                               | F 97    | 4     |   |
| 97                                    | 2160                              | 15.06                 | 19000                                                    | 2.0                                | FF 97   | 4     |   |
| 115                                   | 1830                              | 12.77                 | 18700                                                    | 2.3                                |         |       |   |
| 131                                   | 1600                              | 11.16                 | 18400                                                    | 2.6                                |         |       |   |
| 69                                    | 3060                              | 21.32                 | 8990                                                     | 1.00                               |         |       |   |
| 76                                    | 2770                              | 19.31                 | 9430                                                     | 1.10                               |         |       |   |
| 86                                    | 2460                              | 17.12                 | 9850                                                     | 1.20                               |         |       |   |
| 95                                    | 2220                              | 15.48                 | 10100                                                    | 1.35                               |         |       |   |
| 112                                   | 1880                              | 13.12                 | 10400                                                    | 1.60                               | FA 87   | 4     |   |
| 128                                   | 1640                              | 11.46                 | 10600                                                    | 1.85                               | FAF 87  | 4     |   |
| 153                                   | 1370                              | 9.58                  | 10600                                                    | 2.1                                | F 87    | 4     |   |
| 177                                   | 1190                              | 8.29                  | 10100                                                    | 1.30                               | FF 87   | 4     |   |
| 199                                   | 1050                              | 7.35                  | 10100                                                    | 1.45                               |         |       |   |
| 220                                   | 950                               | 6.65                  | 10000                                                    | 1.60                               |         |       |   |
| 260                                   | 810                               | 5.63                  | 9900                                                     | 1.90                               |         |       |   |
| 298                                   | 705                               | 4.92                  | 9750                                                     | 2.2                                |         |       |   |
| 356                                   | 590                               | 4.12                  | 9500                                                     | 2.5                                |         |       |   |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N · m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{\text{на}}$<br>[N] | Коефіцієнт обслуговування<br>$K_B$ | Модель  | Полоса<br>$p$ |
|---------------------------------------|-------------------------------------|-----------------------|----------------------------------------------------------|------------------------------------|---------|---------------|
| 30kW                                  |                                     |                       |                                                          |                                    |         |               |
| 14                                    | 21100                               | 108.49                | 89600                                                    | 0.85                               |         |               |
| 15                                    | 18800                               | 96.53                 | 96900                                                    | 0.95                               |         |               |
| 17                                    | 16700                               | 85.80                 | 96400                                                    | 1.10                               | FA 157  | 4             |
| 19                                    | 15300                               | 78.46                 | 95800                                                    | 1.20                               | FAF 157 | 4             |
| 22                                    | 13300                               | 68.28                 | 94600                                                    | 1.35                               | F 157   | 4             |
| 24                                    | 11700                               | 60.25                 | 93300                                                    | 1.55                               | FF 157  | 4             |
| 28                                    | 10200                               | 52.24                 | 91500                                                    | 1.75                               |         |               |
| 32                                    | 9060                                | 46.48                 | 89900                                                    | 2.0                                |         |               |
| 37                                    | 7810                                | 40.06                 | 87700                                                    | 2.3                                |         |               |
|                                       |                                     |                       |                                                          |                                    |         |               |
| 19                                    | 14700                               | 75.41                 | 66600                                                    | 0.80                               |         |               |
| 21                                    | 13700                               | 70.07                 | 66800                                                    | 0.90                               |         |               |
| 23                                    | 12500                               | 63.91                 | 66900                                                    | 0.95                               | FA 127  | 4             |
| 27                                    | 10800                               | 55.31                 | 66700                                                    | 1.10                               | FAF 127 | 4             |
| 30                                    | 9510                                | 48.80                 | 66300                                                    | 1.25                               | F 127   | 4             |
| 35                                    | 8210                                | 42.15                 | 65500                                                    | 1.45                               | FF 127  | 4             |
| 39                                    | 7270                                | 37.28                 | 64700                                                    | 1.65                               |         |               |
| 47                                    | 6110                                | 31.33                 | 63200                                                    | 1.95                               |         |               |
| 58                                    | 4930                                | 25.30                 | 61200                                                    | 2.4                                |         |               |
|                                       |                                     |                       |                                                          |                                    |         |               |
| 55                                    | 5240                                | 26.86                 | 61800                                                    | 1.60                               | FA 127  | 4             |
| 60                                    | 4790                                | 24.57                 | 60900                                                    | 1.80                               | FAF 127 | 4             |
| 69                                    | 4170                                | 21.38                 | 59400                                                    | 2.9                                | F 127   | 4             |
| 78                                    | 3680                                | 18.87                 | 58000                                                    | 3.0                                | FF 127  | 4             |
|                                       |                                     |                       |                                                          |                                    |         |               |
| 34                                    | 8390                                | 43.03                 | 39200                                                    | 0.90                               | FA 107  | 4             |
| 39                                    | 7330                                | 37.61                 | 39600                                                    | 1.05                               | FAF 107 | 4             |
| 46                                    | 6200                                | 31.80                 | 39700                                                    | 1.25                               | F 107   | 4             |
|                                       |                                     |                       |                                                          |                                    | FF 107  | 4             |
|                                       |                                     |                       |                                                          |                                    |         |               |
| 53                                    | 5370                                | 27.57                 | 39500                                                    | 1.45                               |         |               |
| 58                                    | 4900                                | 25.14                 | 39300                                                    | 1.60                               |         |               |
| 68                                    | 4240                                | 21.76                 | 38800                                                    | 1.85                               | FA 107  | 4             |
| 77                                    | 3730                                | 19.20                 | 38300                                                    | 2.1                                | FAF 107 | 4             |
| 89                                    | 3230                                | 16.85                 | 37600                                                    | 2.4                                | F 107   | 4             |
| 100                                   | 2860                                | 14.67                 | 36900                                                    | 2.7                                | FF 107  | 4             |
| 119                                   | 2400                                | 12.33                 | 35900                                                    | 2.9                                |         |               |
| 148                                   | 1940                                | 9.96                  | 34500                                                    | 3.3                                |         |               |
|                                       |                                     |                       |                                                          |                                    |         |               |
| 66                                    | 4310                                | 22.11                 | 15100                                                    | 1.00                               |         |               |
| 73                                    | 3910                                | 20.07                 | 15500                                                    | 1.10                               |         |               |
| 85                                    | 3360                                | 17.25                 | 16000                                                    | 1.30                               |         |               |
| 98                                    | 2930                                | 15.06                 | 16300                                                    | 1.45                               | FA 97   | 4             |
| 115                                   | 2490                                | 12.77                 | 16400                                                    | 1.75                               | FAF 97  | 4             |
| 132                                   | 2180                                | 11.16                 | 16400                                                    | 1.90                               | F 97    | 4             |
| 162                                   | 1770                                | 9.06                  | 15400                                                    | 1.35                               | FF 97   | 4             |
| 179                                   | 1600                                | 8.22                  | 15300                                                    | 1.45                               |         |               |
| 208                                   | 1380                                | 7.07                  | 15100                                                    | 1.70                               |         |               |
| 238                                   | 1200                                | 6.17                  | 14900                                                    | 1.85                               |         |               |
| 281                                   | 1020                                | 5.23                  | 14600                                                    | 2.1                                |         |               |
| 321                                   | 890                                 | 4.57                  | 14300                                                    | 2.3                                |         |               |
| 37kW                                  |                                     |                       |                                                          |                                    |         |               |
| 17                                    | 20600                               | 85.80                 | 88600                                                    | 0.85                               |         |               |
| 19                                    | 18900                               | 78.46                 | 88700                                                    | 0.95                               |         |               |
| 22                                    | 16400                               | 68.28                 | 88400                                                    | 1.10                               | FA 157  | 4             |
| 24                                    | 14500                               | 60.25                 | 87800                                                    | 1.25                               | FAF 157 | 4             |
| 28                                    | 12600                               | 52.24                 | 86800                                                    | 1.45                               | F 157   | 4             |
| 32                                    | 11200                               | 46.48                 | 85700                                                    | 1.60                               | FF 157  | 4             |
| 37                                    | 9630                                | 40.06                 | 84000                                                    | 1.85                               |         |               |
| 45                                    | 7820                                | 32.55                 | 81400                                                    | 2.3                                |         |               |
| 53                                    | 6630                                | 27.60                 | 79100                                                    | 2.7                                |         |               |

## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт еквівалентного<br>гнучення<br>[N] | Модель | Потужність<br>P |
|---------------------------------------|-----------------------------------|-----------------------|---------------------------------------------------|----------------------------------------------|--------|-----------------|
| <b>55kW</b>                           |                                   |                       |                                                   |                                              |        |                 |
| 24                                    | 21500                             | 60.25                 | 73800                                             | 0.85                                         | FA     | 157 4           |
| 28                                    | 18600                             | 52.24                 | 74600                                             | 0.95                                         | FAF    | 157 4           |
| 32                                    | 16500                             | 46.48                 | 74800                                             | 1.10                                         | F      | 157 4           |
| 37                                    | 14300                             | 40.06                 | 74700                                             | 1.25                                         | FF     | 157 4           |
| 45                                    | 11600                             | 32.55                 | 73800                                             | 1.55                                         |        |                 |
| 53                                    | 9830                              | 27.60                 | 72600                                             | 1.85                                         |        |                 |
| 52                                    | 10200                             | 28.60                 | 72900                                             | 1.65                                         | FA     | 157 4           |
| 58                                    | 9060                              | 25.43                 | 71600                                             | 1.65                                         | FAF    | 157 4           |
| 67                                    | 7890                              | 22.16                 | 70600                                             | 2.3                                          | F      | 157 4           |
| 75                                    | 7040                              | 19.77                 | 69400                                             | 2.4                                          | FF     | 157 4           |
| 88                                    | 6000                              | 16.85                 | 67600                                             | 3.0                                          |        |                 |
| 40                                    | 13300                             | 37.28                 | 50600                                             | 0.90                                         | FA     | 127 4           |
| 47                                    | 11200                             | 31.33                 | 51400                                             | 1.10                                         | FAF    | 127 4           |
| 58                                    | 9010                              | 25.30                 | 51600                                             | 1.35                                         | F      | 127 4           |
| 69                                    | 7610                              | 21.38                 | 51300                                             | 1.60                                         | FF     | 127 4           |
| 78                                    | 6720                              | 18.87                 | 50800                                             | 1.65                                         |        |                 |
| 90                                    | 5820                              | 16.36                 | 50100                                             | 1.90                                         |        |                 |
| 101                                   | 5180                              | 14.55                 | 49400                                             | 2.1                                          | FA     | 127 4           |
| 118                                   | 4470                              | 12.54                 | 48400                                             | 2.2                                          | FAF    | 127 4           |
| 145                                   | 3630                              | 10.19                 | 46800                                             | 2.6                                          | F      | 127 4           |
| 166                                   | 3160                              | 8.86                  | 45100                                             | 2.2                                          | FF     | 127 4           |
| 187                                   | 2810                              | 7.88                  | 44200                                             | 2.1                                          |        |                 |
| 217                                   | 2420                              | 6.80                  | 42900                                             | 2.9                                          |        |                 |
| 267                                   | 1970                              | 5.52                  | 41100                                             | 3.0                                          |        |                 |
| 315                                   | 1670                              | 4.68                  | 39600                                             | 3.6                                          |        |                 |
| <b>75kW</b>                           |                                   |                       |                                                   |                                              |        |                 |
| 32                                    | 22500                             | 46.48                 | 62900                                             | 0.80                                         | FA     | 157 4           |
| 37                                    | 19400                             | 40.06                 | 64400                                             | 0.95                                         | FAF    | 157 4           |
| 45                                    | 15800                             | 32.55                 | 65400                                             | 1.15                                         | F      | 157 4           |
| 54                                    | 13400                             | 27.60                 | 65500                                             | 1.35                                         | FF     | 157 4           |
| 52                                    | 13800                             | 28.60                 | 65500                                             | 1.25                                         |        |                 |
| 58                                    | 12300                             | 25.43                 | 65400                                             | 1.20                                         | FA     | 157 4           |
| 67                                    | 10700                             | 22.16                 | 64900                                             | 1.70                                         | FAF    | 157 4           |
| 75                                    | 9570                              | 19.77                 | 64300                                             | 1.80                                         | F      | 157 4           |
| 88                                    | 8150                              | 16.85                 | 63200                                             | 2.2                                          | FF     | 157 4           |
| 106                                   | 6760                              | 13.96                 | 61600                                             | 2.5                                          |        |                 |
| 124                                   | 5770                              | 11.92                 | 60100                                             | 2.8                                          |        |                 |
| 58                                    | 12200                             | 25.30                 | 44000                                             | 1.00                                         | FA     | 127 4           |
|                                       |                                   |                       |                                                   |                                              | FAF    | 127 4           |
|                                       |                                   |                       |                                                   |                                              | F      | 127 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 127 4           |
| 69                                    | 10300                             | 21.38                 | 44800                                             | 1.15                                         |        |                 |
| 78                                    | 9130                              | 18.87                 | 45100                                             | 1.20                                         |        |                 |
| 90                                    | 7920                              | 16.36                 | 45200                                             | 1.40                                         |        |                 |
| 102                                   | 7040                              | 14.55                 | 45000                                             | 1.55                                         | FA     | 127 4           |
| 118                                   | 6070                              | 12.54                 | 44600                                             | 1.65                                         | FAF    | 127 4           |
| 145                                   | 4930                              | 10.19                 | 43700                                             | 1.95                                         | F      | 127 4           |
| 167                                   | 4290                              | 8.86                  | 42200                                             | 1.65                                         | FF     | 127 4           |
| 188                                   | 3810                              | 7.88                  | 41600                                             | 1.55                                         |        |                 |
| 218                                   | 3290                              | 6.80                  | 40700                                             | 2.1                                          |        |                 |
| 268                                   | 2670                              | 5.52                  | 39300                                             | 2.2                                          |        |                 |
| 316                                   | 2270                              | 4.68                  | 38100                                             | 2.7                                          |        |                 |

| Вихідна швидкість<br>$n_2$<br>[r/min] | Вихідний момент<br>$M_2$<br>[N·m] | Співвідношення<br>$i$ | Дозволене зусилля навантаження<br>$F_{a2}$<br>[N] | Коефіцієнт еквівалентного<br>гнучення<br>[N] | Модель | Потужність<br>P |
|---------------------------------------|-----------------------------------|-----------------------|---------------------------------------------------|----------------------------------------------|--------|-----------------|
| <b>90kW</b>                           |                                   |                       |                                                   |                                              |        |                 |
| 45                                    | 18900                             | 32.55                 | 59100                                             | 0.95                                         | FA     | 157 4           |
| 54                                    | 16000                             | 27.60                 | 60200                                             | 1.10                                         | FAF    | 157 4           |
|                                       |                                   |                       |                                                   |                                              | F      | 157 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 157 4           |
| 52                                    | 16600                             | 28.60                 | 60000                                             | 1.00                                         |        |                 |
| 58                                    | 14800                             | 25.43                 | 60400                                             | 1.00                                         | FA     | 157 4           |
| 67                                    | 12900                             | 22.16                 | 60600                                             | 1.40                                         | FAF    | 157 4           |
| 75                                    | 11500                             | 19.77                 | 60500                                             | 1.50                                         | F      | 157 4           |
| 88                                    | 9790                              | 16.85                 | 59900                                             | 1.85                                         | FF     | 157 4           |
| 106                                   | 8110                              | 13.96                 | 58900                                             | 2.1                                          |        |                 |
| 124                                   | 6920                              | 11.92                 | 57800                                             | 2.3                                          |        |                 |
| 58                                    | 14700                             | 25.30                 | 33100                                             | 0.80                                         | FA     | 127 4           |
|                                       |                                   |                       |                                                   |                                              | FAF    | 127 4           |
|                                       |                                   |                       |                                                   |                                              | F      | 127 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 127 4           |
| 69                                    | 12400                             | 21.38                 | 38800                                             | 0.95                                         |        |                 |
| 78                                    | 11000                             | 18.87                 | 40900                                             | 1.00                                         |        |                 |
| 90                                    | 9500                              | 16.36                 | 41500                                             | 1.15                                         |        |                 |
| 102                                   | 8450                              | 14.55                 | 41700                                             | 1.30                                         | FA     | 127 4           |
| 118                                   | 7280                              | 12.54                 | 41800                                             | 1.35                                         | FAF    | 127 4           |
| 145                                   | 5920                              | 10.19                 | 41400                                             | 1.60                                         | F      | 127 4           |
| 167                                   | 5150                              | 8.86                  | 40100                                             | 1.35                                         | FF     | 127 4           |
| 188                                   | 4580                              | 7.88                  | 39700                                             | 1.30                                         |        |                 |
| 218                                   | 3950                              | 6.80                  | 39000                                             | 1.75                                         |        |                 |
| 268                                   | 3210                              | 5.52                  | 37900                                             | 1.85                                         |        |                 |
| 316                                   | 2720                              | 4.68                  | 36900                                             | 2.2                                          |        |                 |
| <b>110kW</b>                          |                                   |                       |                                                   |                                              |        |                 |
| 54                                    | 19500                             | 27.60                 | 53100                                             | 0.90                                         | FA     | 157 4           |
|                                       |                                   |                       |                                                   |                                              | FAF    | 157 4           |
|                                       |                                   |                       |                                                   |                                              | F      | 157 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 157 4           |
| 67                                    | 15700                             | 22.16                 | 54900                                             | 1.15                                         | FA     | 157 4           |
| 75                                    | 14000                             | 19.77                 | 55400                                             | 1.20                                         | FAF    | 157 4           |
| 88                                    | 11900                             | 16.85                 | 55600                                             | 1.50                                         | F      | 157 4           |
| 106                                   | 9880                              | 13.96                 | 55300                                             | 1.70                                         | FF     | 157 4           |
| 125                                   | 8430                              | 11.92                 | 54700                                             | 1.90                                         |        |                 |
| <b>132kW</b>                          |                                   |                       |                                                   |                                              |        |                 |
| 67                                    | 18800                             | 22.16                 | 48700                                             | 0.95                                         | FA     | 157 4           |
| 75                                    | 16800                             | 19.77                 | 49800                                             | 1.00                                         | FAF    | 157 4           |
| 88                                    | 14300                             | 16.85                 | 50900                                             | 1.25                                         | F      | 157 4           |
| 106                                   | 11900                             | 13.96                 | 51400                                             | 1.45                                         | FF     | 157 4           |
| 125                                   | 10100                             | 11.92                 | 51400                                             | 1.60                                         |        |                 |
| <b>160kW</b>                          |                                   |                       |                                                   |                                              |        |                 |
| 88                                    | 17300                             | 16.85                 | 44800                                             | 1.05                                         | FA     | 157 4           |
| 106                                   | 14400                             | 13.96                 | 46400                                             | 1.20                                         | FAF    | 157 4           |
| 125                                   | 12300                             | 11.92                 | 47100                                             | 1.30                                         | F      | 157 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 157 4           |
| <b>200kW</b>                          |                                   |                       |                                                   |                                              |        |                 |
| 88                                    | 21700                             | 16.85                 | 36100                                             | 0.85                                         | FA     | 157 4           |
| 106                                   | 18000                             | 13.96                 | 39200                                             | 0.95                                         | FAF    | 157 4           |
| 125                                   | 15300                             | 11.92                 | 41000                                             | 1.05                                         | F      | 157 4           |
|                                       |                                   |                       |                                                   |                                              | FF     | 157 4           |

F37/47R17, F57R37  $n_2=1400$  r/min

| F37R17 |                  |                  |                 | 200Nm |                  |                  |                 | F47R17 |                  |                  |                 | 200Nm |                  |                  |                 | F57R37 |                  |                  |                 | 600Nm |  |  |  |
|--------|------------------|------------------|-----------------|-------|------------------|------------------|-----------------|--------|------------------|------------------|-----------------|-------|------------------|------------------|-----------------|--------|------------------|------------------|-----------------|-------|--|--|--|
| i      | $n_2$<br>[r/min] | $M_{a2}$<br>[Nm] | $F_{a2}$<br>[N] | i     | $n_2$<br>[r/min] | $M_{a2}$<br>[Nm] | $F_{a2}$<br>[N] | i      | $n_2$<br>[r/min] | $M_{a2}$<br>[Nm] | $F_{a2}$<br>[N] | i     | $n_2$<br>[r/min] | $M_{a2}$<br>[Nm] | $F_{a2}$<br>[N] | i      | $n_2$<br>[r/min] | $M_{a2}$<br>[Nm] | $F_{a2}$<br>[N] |       |  |  |  |
| 8193   | 0.17             | 200              | 4290            | 12251 | 0.11             | 400              | 5920            | 14832  | 0.09             | 600              | 8200            | 13604 | 0.10             | 600              | 8200            | 12602  | 0.11             | 600              | 8200            |       |  |  |  |
| 7064   | 0.20             | 200              | 4290            | 10619 | 0.13             | 400              | 5920            | 9846   | 0.14             | 400              | 5920            | 8534  | 0.16             | 400              | 5920            | 7460   | 0.19             | 400              | 5920            |       |  |  |  |
| 6585   | 0.21             | 200              | 4290            | 9846  | 0.14             | 400              | 5920            | 6536   | 0.21             | 400              | 5920            | 5764  | 0.24             | 400              | 5920            | 5022   | 0.28             | 400              | 5920            |       |  |  |  |
| 5756   | 0.24             | 200              | 4290            | 8534  | 0.16             | 400              | 5920            | 4401   | 0.32             | 400              | 5920            | 3883  | 0.36             | 400              | 5920            | 3443   | 0.41             | 400              | 5920            |       |  |  |  |
| 4963   | 0.28             | 200              | 4290            | 7460  | 0.19             | 400              | 5920            | 2976   | 0.47             | 400              | 5920            | 2629  | 0.53             | 400              | 5920            | 2519   | 0.56             | 400              | 5920            |       |  |  |  |
| 4434   | 0.32             | 200              | 4290            | 6536  | 0.21             | 400              | 5920            | 2394   | 0.58             | 400              | 5920            | 2304  | 0.61             | 400              | 5920            | 2172   | 0.64             | 400              | 5920            |       |  |  |  |
| 3875   | 0.36             | 200              | 4290            | 5764  | 0.24             | 400              | 5920            | 2033   | 0.69             | 400              | 5920            | 2025  | 0.69             | 400              | 5920            | 1785   | 0.78             | 400              | 5920            |       |  |  |  |
| 3392   | 0.41             | 200              | 4290            | 5022  | 0.28             | 400              | 5920            | 1770   | 0.79             | 400              | 5920            | 1578  | 0.89             | 400              | 5920            | 1576   | 0.89             | 400              | 5920            |       |  |  |  |
| 2965   | 0.47             | 200              | 4290            | 4401  | 0.32             | 400              | 5920            | 1578   | 0.89             | 400              | 5920            | 1364  | 1.0              | 400              | 5920            | 1363   | 1.0              | 400              | 5920            |       |  |  |  |
| 2587   | 0.54             | 200              | 4290            | 3883  | 0.36             | 400              | 5920            | 1576   | 0.89             | 400              | 5920            | 1363  | 1.0              | 400              | 5920            | 1203   | 1.2              | 400              | 5920            |       |  |  |  |
| 2284   | 0.61             | 200              | 4290            | 3443  | 0.41             | 400              | 5920            | 1364   | 1.0              | 400              | 5920            | 1192  | 1.2              | 400              | 5920            | 1192   | 1.2              | 400              | 5920            |       |  |  |  |
| 1997   | 0.70             | 200              | 4290            | 2976  | 0.47             | 400              | 5920            | 1192   | 1.2              | 400              | 5920            | 1061  | 1.3              | 400              | 5920            | 1061   | 1.3              | 400              | 5920            |       |  |  |  |
| 1929   | 0.73             | 200              | 4290            | 2629  | 0.53             | 400              | 5920            | 1061   | 1.3              | 400              | 5920            | 1049  | 1.3              | 400              | 5920            | 931    | 1.5              | 400              | 5920            |       |  |  |  |
| 1742   | 0.80             | 200              | 4290            | 2519  | 0.56             | 400              | 5920            | 1049   | 1.3              | 400              | 5920            | 931   | 1.5              | 400              | 5920            | 918    | 1.5              | 400              | 5920            |       |  |  |  |
| 1679   | 0.83             | 200              | 4290            | 2394  | 0.58             | 400              | 5920            | 931    | 1.5              | 400              | 5920            | 918   | 1.5              | 400              | 5920            | 822    | 1.7              | 400              | 5920            |       |  |  |  |
| 1550   | 0.90             | 200              | 4290            | 2304  | 0.61             | 400              | 5920            | 822    | 1.7              | 400              | 5920            | 822   | 1.7              | 400              | 5920            | 809    | 1.7              | 400              | 5920            |       |  |  |  |
| 1545   | 0.91             | 200              | 4290            | 2172  | 0.64             | 400              | 5920            | 809    | 1.7              | 400              | 5920            | 809   | 1.7              | 400              | 5920            | 706    | 2.0              | 400              | 5920            |       |  |  |  |
| 1370   | 1.0              | 200              | 4290            | 2033  | 0.69             | 400              | 5920            | 706    | 2.0              | 400              | 5920            | 706   | 2.0              | 400              | 5920            | 700    | 2.0              | 400              | 5920            |       |  |  |  |
| 1356   | 1.0              | 200              | 4290            | 2025  | 0.69             | 400              | 5920            | 700    | 2.0              | 400              | 5920            | 700   | 2.0              | 400              | 5920            | 622    | 2.3              | 400              | 5920            |       |  |  |  |
| 1198   | 1.2              | 200              | 4290            | 1785  | 0.78             | 400              | 5920            | 622    | 2.3              | 400              | 5920            | 622   | 2.3              | 400              | 5920            | 619    | 2.3              | 400              | 5920            |       |  |  |  |
| 1180   | 1.2              | 200              | 4290            | 1770  | 0.79             | 400              | 5920            | 619    | 2.3              | 400              | 5920            | 619   | 2.3              | 400              | 5920            | 543    | 2.6              | 400              | 5920            |       |  |  |  |
| 1047   | 1.3              | 200              | 4290            | 1578  | 0.89             | 400              | 5920            | 543    | 2.6              | 400              | 5920            | 543   | 2.6              | 400              | 5920            | 524    | 2.7              | 400              | 5920            |       |  |  |  |
| 1044   | 1.3              | 200              | 4290            | 1576  | 0.89             | 400              | 5920            | 524    | 2.7              | 400              | 5920            | 524   | 2.7              | 400              | 5920            | 489    | 2.9              | 400              | 5920            |       |  |  |  |
| 915    | 1.5              | 200              | 4290            | 1364  | 1.0              | 400              | 5920            | 489    | 2.9              | 400              | 5920            | 489   | 2.9              | 400              | 5920            | 475    | 2.9              | 400              | 5920            |       |  |  |  |
| 914    | 1.5              | 200              | 4290            | 1363  | 1.0              | 400              | 5920            | 475    | 2.9              | 400              | 5920            | 475   | 2.9              | 400              | 5920            | 427    | 3.3              | 400              | 5920            |       |  |  |  |
| 808    | 1.7              | 200              | 4290            | 1203  | 1.2              | 400              | 5920            | 427    | 3.3              | 400              | 5920            | 427   | 3.3              | 400              | 5920            | 419    | 3.3              | 400              | 5920            |       |  |  |  |
| 807    | 1.7              | 200              | 4290            | 1192  | 1.2              | 400              | 5920            | 419    | 3.3              | 400              | 5920            | 419   | 3.3              | 400              | 5920            | 381    | 3.7              | 400              | 5920            |       |  |  |  |
| 707    | 2.0              | 200              | 4290            | 1061  | 1.3              | 400              | 5920            | 381    | 3.7              | 400              | 5920            | 381   | 3.7              | 400              | 5920            | 370    | 3.8              | 400              | 5920            |       |  |  |  |
| 698    | 2.0              | 200              | 4290            | 1049  | 1.3              | 400              | 5920            | 370    | 3.8              | 400              | 5920            | 370   | 3.8              | 400              | 5920            | 334    | 4.2              | 400              | 5920            |       |  |  |  |
| 617    | 2.3              | 200              | 4290            | 931   | 1.5              | 400              | 5920            | 334    | 4.2              | 400              | 5920            | 334   | 4.2              | 400              | 5920            | 324    | 4.3              | 400              | 5920            |       |  |  |  |
| 616    | 2.3              | 200              | 4290            | 918   | 1.5              | 400              | 5920            | 324    | 4.3              | 400              | 5920            | 324   | 4.3              | 400              | 5920            | 295    | 4.7              | 400              | 5920            |       |  |  |  |
| 544    | 2.6              | 200              | 4290            | 822   | 1.7              | 400              | 5920            | 295    | 4.7              | 400              | 5920            | 295   | 4.7              | 400              | 5920            | 288    | 4.9              | 400              | 5920            |       |  |  |  |
| 538    | 2.6              | 200              | 4290            | 809   | 1.7              | 400              | 5920            | 288    | 4.9              | 400              | 5920            | 288   | 4.9              | 400              | 5920            | 253    | 5.5              | 400              | 5920            |       |  |  |  |
| 477    | 2.9              | 200              | 4290            | 706   | 2.0              | 400              | 5920            | 253    | 5.5              | 400              | 5920            | 253   | 5.5              | 400              | 5920            | 249    | 5.6              | 400              | 5920            |       |  |  |  |
| 466    | 3.0              | 200              | 4290            | 700   | 2.0              | 400              | 5920            | 249    | 5.6              | 400              | 5920            | 249   | 5.6              | 400              | 5920            | 218    | 6.4              | 400              | 5920            |       |  |  |  |
| 412    | 3.4              | 200              | 4290            | 622   | 2.3              | 400              | 5920            | 218    | 6.4              | 400              | 5920            | 218   | 6.4              | 400              | 5920            | 217    | 6.5              | 400              | 5920            |       |  |  |  |
| 411    | 3.4              | 200              | 4290            | 619   | 2.3              | 400              | 5920            | 217    | 6.5              | 400              | 5920            | 217   | 6.5              | 400              | 5920            | 193    | 7.3              | 400              | 5920            |       |  |  |  |
| 365    | 3.8              | 200              | 4290            | 543   | 2.6              | 400              | 5920            | 193    | 7.3              | 400              | 5920            | 193   | 7.3              | 400              | 5920            | 190    | 7.4              | 400              | 5920            |       |  |  |  |
| 364    | 3.8              | 200              | 4290            | 524   | 2.7              | 400              | 5920            | 190    | 7.4              | 400              | 5920            | 190   | 7.4              | 400              | 5920            | 178    | 7.9              | 400              | 5920            |       |  |  |  |
| 326    | 4.3              | 200              | 4290            | 489   | 2.9              | 400              | 5920            | 178    | 7.9              | 400              | 5920            | 178   | 7.9              | 400              | 5920            | 175    | 8.0              | 400              | 5920            |       |  |  |  |
| 322    | 4.3              | 200              | 4290            | 475   | 2.9              | 400              | 5920            | 175    | 8.0              | 400              | 5920            | 175   | 8.0              | 400              | 5920            | 149    | 9.4              | 400              | 5920            |       |  |  |  |
| 285    | 4.9              | 200              | 4290            | 427   | 3.3              | 400              | 5920            | 149    | 9.4              | 400              | 5920            | 149   | 9.4              | 400              | 5920            | 147    | 9.5              | 400              | 5920            |       |  |  |  |
| 278    | 5.0              | 200              | 4290            | 427   | 3.3              | 400              | 5920            | 147    | 9.5              | 400              | 5920            | 147   | 9.5              | 400              | 5920            | 131    | 11               | 400              | 5920            |       |  |  |  |
| 250    | 5.6              | 200              | 4290            | 419   | 3.3              | 400              | 5920            | 131    | 11               | 400              | 5920            | 131   | 11               | 400              | 5920            | 130    | 11               | 400              | 5920            |       |  |  |  |
| 242    | 5.8              | 200              | 4290            | 381   | 3.7              | 400              | 5920            | 130    | 11               | 400              | 5920            | 130   | 11               | 400              | 5920            |        |                  |                  |                 |       |  |  |  |
| 221    | 6.3              | 200              | 4290            | 370   | 3.8              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 219    | 6.4              | 200              | 4290            | 334   | 4.2              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 195    | 7.2              | 200              | 4290            | 324   | 4.3              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 186    | 7.5              | 200              | 4290            | 295   | 4.7              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 168    | 8.3              | 200              | 4290            | 288   | 4.9              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 167    | 8.4              | 200              | 4290            | 253   | 5.5              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 147    | 9.5              | 200              | 4290            | 249   | 5.6              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 145    | 9.7              | 200              | 4290            | 218   | 6.4              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 129    | 11               | 200              | 4290            | 217   | 6.5              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 127    | 11               | 200              | 4290            | 193   | 7.3              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 121    | 12               | 200              | 4290            | 190   | 7.4              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 118    | 12               | 200              | 4290            | 178   | 7.9              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 108    | 13               | 200              | 4290            | 175   | 8.0              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 98     | 14               | 200              | 4290            | 149   | 9.4              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 91     | 15               | 200              | 4290            | 147   | 9.5              | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
| 87     | 16               | 200              | 4290            | 131   | 11               | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 | 130   | 11               | 400              | 5920            |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |
|        |                  |                  |                 |       |                  | </               |                 |        |                  |                  |                 |       |                  |                  |                 |        |                  |                  |                 |       |  |  |  |

# F мотор-редуктор з паралельним валом

# F мотор-редуктор з паралельним валом

F 67/77 R37, F87R57  $n_n=1400$  r/min

| F67R37 820Nm |                  |                   |                 | F77R37 1500Nm |                  |                   |                 | F87R57 3000Nm |                  |                   |                 |
|--------------|------------------|-------------------|-----------------|---------------|------------------|-------------------|-----------------|---------------|------------------|-------------------|-----------------|
| i            | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_{ax}$<br>[N] | i             | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_{ax}$<br>[N] | i             | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_{ax}$<br>[N] |
| 19199        | 0.07             | 820               | 10300           | 19180         | 0.07             | 1500              | 15700           | 23042         | 0.06             | 3000              | 19800           |
| 17610        | 0.08             | 820               | 10300           | 17593         | 0.08             | 1500              | 15700           | 20462         | 0.07             | 3000              | 19800           |
| 14992        | 0.09             | 820               | 10300           | 16128         | 0.09             | 1500              | 15700           | 18238         | 0.08             | 3000              | 19800           |
| 12926        | 0.11             | 820               | 10300           | 14978         | 0.09             | 1500              | 15700           | 15877         | 0.09             | 3000              | 19800           |
| 11480        | 0.12             | 820               | 10300           | 13731         | 0.10             | 1500              | 15700           | 14099         | 0.10             | 3000              | 19800           |
| 10220        | 0.14             | 820               | 10300           | 12049         | 0.12             | 1500              | 15700           | 12205         | 0.11             | 3000              | 19800           |
| 8933         | 0.16             | 820               | 10300           | 11035         | 0.13             | 1500              | 15700           | 10433         | 0.13             | 3000              | 19800           |
| 7940         | 0.18             | 820               | 10300           | 9683          | 0.14             | 1500              | 15700           | 9381          | 0.15             | 3000              | 19800           |
| 7096         | 0.20             | 820               | 10300           | 8464          | 0.17             | 1500              | 15700           | 8142          | 0.17             | 3000              | 19800           |
| 6080         | 0.23             | 820               | 10300           | 7520          | 0.19             | 1500              | 15700           | 7100          | 0.20             | 3000              | 19800           |
| 5341         | 0.26             | 820               | 10300           | 6580          | 0.21             | 1500              | 15700           | 6273          | 0.22             | 3000              | 19800           |
| 4690         | 0.30             | 820               | 10300           | 5808          | 0.24             | 1500              | 15700           | 5510          | 0.25             | 3000              | 19800           |
| 4091         | 0.34             | 820               | 10300           | 5026          | 0.28             | 1500              | 15700           | 4954          | 0.28             | 3000              | 19800           |
| 3574         | 0.39             | 820               | 10300           | 4931          | 0.28             | 1110              | 17900           | 4952          | 0.28             | 3000              | 19800           |
| 3377         | 0.41             | 820               | 10300           | 4523          | 0.31             | 1110              | 17900           | 4562          | 0.31             | 3000              | 19800           |
| 3133         | 0.45             | 820               | 10300           | 4435          | 0.32             | 1500              | 15700           | 4245          | 0.33             | 3000              | 19800           |
| 2912         | 0.48             | 820               | 10300           | 3851          | 0.36             | 1110              | 17900           | 3919          | 0.36             | 3000              | 19800           |
| 2756         | 0.51             | 820               | 10300           | 3832          | 0.37             | 1500              | 15700           | 3721          | 0.38             | 3000              | 19800           |
| 2714         | 0.52             | 820               | 10300           | 3381          | 0.41             | 1500              | 15700           | 3503          | 0.40             | 3000              | 19800           |
| 2439         | 0.57             | 820               | 10300           | 3320          | 0.42             | 1110              | 17900           | 3244          | 0.43             | 3000              | 19800           |
| 2372         | 0.59             | 820               | 10300           | 3095          | 0.45             | 1110              | 17900           | 3196          | 0.44             | 3000              | 19800           |
| 2126         | 0.66             | 820               | 10300           | 2978          | 0.47             | 1500              | 15700           | 2881          | 0.49             | 3000              | 19800           |
| 2106         | 0.66             | 820               | 10300           | 2705          | 0.52             | 1110              | 17900           | 2857          | 0.49             | 3000              | 19800           |
| 1884         | 0.74             | 820               | 10300           | 2613          | 0.54             | 1500              | 15700           | 2576          | 0.54             | 3000              | 19800           |
| 1859         | 0.75             | 820               | 10300           | 2536          | 0.55             | 1110              | 17900           | 2524          | 0.55             | 3000              | 19800           |
| 1635         | 0.86             | 820               | 10300           | 2284          | 0.61             | 1500              | 15700           | 2199          | 0.64             | 3000              | 19800           |
| 1631         | 0.86             | 820               | 10300           | 2238          | 0.63             | 1110              | 17900           | 2134          | 0.66             | 3000              | 19800           |
| 1437         | 0.97             | 820               | 10300           | 2039          | 0.69             | 1110              | 17900           | 1930          | 0.73             | 3000              | 19800           |
| 1429         | 0.98             | 820               | 10300           | 2029          | 0.69             | 1500              | 15700           | 1913          | 0.73             | 3000              | 19800           |
| 1271         | 1.1              | 820               | 10300           | 1759          | 0.80             | 1110              | 17900           | 1717          | 0.82             | 3000              | 19800           |
| 1256         | 1.1              | 820               | 10300           | 1728          | 0.81             | 1500              | 15700           | 1709          | 0.82             | 3000              | 19800           |
| 1126         | 1.2              | 820               | 10300           | 1639          | 0.85             | 1110              | 17900           | 1493          | 0.84             | 3000              | 19800           |
| 1102         | 1.3              | 820               | 10300           | 1544          | 0.91             | 1500              | 15700           | 1476          | 0.95             | 3000              | 19800           |
| 984          | 1.4              | 820               | 10300           | 1433          | 0.98             | 1110              | 17900           | 1300          | 1.1              | 3000              | 19800           |
| 970          | 1.4              | 820               | 10300           | 1354          | 1.0              | 1500              | 15700           | 1278          | 1.1              | 3000              | 19800           |
| 864          | 1.6              | 820               | 10300           | 1343          | 1.0              | 1110              | 17900           | 1148          | 1.2              | 3000              | 19800           |
| 858          | 1.6              | 820               | 10300           | 1200          | 1.2              | 1500              | 15700           | 1142          | 1.2              | 3000              | 19800           |
| 755          | 1.9              | 820               | 10300           | 1185          | 1.2              | 1110              | 17900           | 1010          | 1.4              | 3000              | 19800           |
| 722          | 1.9              | 820               | 10300           | 1053          | 1.3              | 1500              | 15700           | 998           | 1.4              | 3000              | 19800           |
| 641          | 2.2              | 820               | 10300           | 1051          | 1.3              | 1110              | 17900           | 887           | 1.6              | 3000              | 19800           |
| 634          | 2.2              | 820               | 10300           | 910           | 1.5              | 1500              | 15700           | 883           | 1.6              | 3000              | 19800           |
| 572          | 2.4              | 820               | 10300           | 893           | 1.6              | 1110              | 17900           | 790           | 1.8              | 3000              | 19800           |
| 539          | 2.6              | 820               | 10300           | 815           | 1.7              | 1110              | 17900           | 748           | 1.9              | 3000              | 19800           |
| 509          | 2.8              | 820               | 10300           | 810           | 1.7              | 1500              | 15700           | 674           | 2.1              | 3000              | 19800           |
| 500          | 2.8              | 820               | 10300           | 710           | 2.0              | 1500              | 15700           | 662           | 2.1              | 3000              | 19800           |
| 454          | 3.1              | 820               | 10300           | 706           | 2.0              | 1110              | 17900           | 609           | 2.3              | 3000              | 19800           |
| 437          | 3.2              | 820               | 10300           | 660           | 2.1              | 1110              | 17900           | 592           | 2.4              | 3000              | 19800           |
| 392          | 3.6              | 820               | 10300           | 615           | 2.3              | 1500              | 15700           | 519           | 2.7              | 3000              | 19800           |
| 384          | 3.6              | 820               | 10300           | 571           | 2.5              | 1110              | 17900           | 515           | 2.7              | 3000              | 19800           |
| 338          | 4.1              | 820               | 10300           | 538           | 2.6              | 1500              | 15700           | 468           | 3.0              | 3000              | 19800           |
| 333          | 4.1              | 820               | 10300           | 485           | 2.9              | 1110              | 17900           | 452           | 3.1              | 3000              | 19800           |
| 305          | 4.6              | 820               | 10300           | 480           | 2.9              | 1500              | 15700           | 398           | 3.5              | 3000              | 19800           |
| 297          | 4.7              | 820               | 10300           | 433           | 3.2              | 1110              | 17900           | 350           | 4.0              | 3000              | 19800           |
| 261          | 5.4              | 820               | 10300           | 413           | 3.4              | 1500              | 15700           | 345           | 4.1              | 3000              | 19800           |
| 257          | 5.4              | 820               | 10300           | 370           | 3.8              | 1110              | 17900           | 315           | 4.4              | 3000              | 19800           |
| 238          | 5.9              | 820               | 10300           | 367           | 3.8              | 1500              | 15700           | 300           | 4.7              | 3000              | 19800           |
| 231          | 6.1              | 820               | 10300           | 346           | 4.0              | 1110              | 17900           | 281           | 5.0              | 3000              | 19800           |
| 205          | 6.8              | 820               | 10300           | 323           | 4.3              | 1500              | 15700           | 249           | 5.6              | 3000              | 19800           |
| 200          | 7.0              | 820               | 10300           | 292           | 4.8              | 1110              | 17900           | 240           | 5.8              | 3000              | 19800           |
| 176          | 8.0              | 820               | 10300           | 280           | 5.0              | 1500              | 15700           | 211           | 6.6              | 3000              | 19800           |
| 175          | 8.0              | 820               | 10300           | 247           | 5.7              | 1500              | 15700           | 193           | 7.3              | 3000              | 19800           |
|              |                  |                   |                 | 221           | 6.3              | 1500              | 15700           |               |                  |                   |                 |
|              |                  |                   |                 | 199           | 7.0              | 1500              | 15700           |               |                  |                   |                 |

F 97R57, F107/127R77  $n_n=1400$  r/min

| F97R57 |                  |                   |              | 4300Nm |       |                  |                   | F107R77      |  |       |                  | 780Nm             |              |  |       | F127R77          |                   |              |  | 12000Nm |  |  |  |
|--------|------------------|-------------------|--------------|--------|-------|------------------|-------------------|--------------|--|-------|------------------|-------------------|--------------|--|-------|------------------|-------------------|--------------|--|---------|--|--|--|
| i      | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_N$<br>[N] |        | i     | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_N$<br>[N] |  | i     | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_N$<br>[N] |  | i     | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_N$<br>[N] |  |         |  |  |  |
| 29211  | 0.05             | 4300              | 29900        |        | 25375 | 0.06             | 7680              | 49800        |  | 24478 | 0.06             | 12000             | 90000        |  | 22323 | 0.06             | 12000             | 90000        |  |         |  |  |  |
| 26911  | 0.05             | 4300              | 29900        |        | 21652 | 0.06             | 7680              | 49800        |  |       |                  |                   |              |  | 19048 | 0.07             | 12000             | 90000        |  |         |  |  |  |
| 23814  | 0.06             | 4300              | 29900        |        | 18933 | 0.07             | 7680              | 49800        |  |       |                  |                   |              |  | 16656 | 0.08             | 12000             | 90000        |  |         |  |  |  |
| 20813  | 0.07             | 4300              | 29900        |        | 16888 | 0.08             | 7680              | 49800        |  |       |                  |                   |              |  | 14722 | 0.10             | 12000             | 90000        |  |         |  |  |  |
| 18119  | 0.08             | 4300              | 29900        |        | 14767 | 0.09             | 7680              | 49800        |  |       |                  |                   |              |  | 12912 | 0.11             | 12000             | 90000        |  |         |  |  |  |
| 15472  | 0.09             | 4300              | 29900        |        | 11348 | 0.12             | 7680              | 49800        |  |       |                  |                   |              |  | 11656 | 0.12             | 12000             | 90000        |  |         |  |  |  |
| 14022  | 0.10             | 4300              | 29900        |        | 10039 | 0.14             | 7680              | 49800        |  |       |                  |                   |              |  | 10191 | 0.14             | 12000             | 90000        |  |         |  |  |  |
| 12324  | 0.11             | 4300              | 29900        |        | 8548  | 0.16             | 7680              | 49800        |  |       |                  |                   |              |  | 8831  | 0.16             | 12000             | 90000        |  |         |  |  |  |
| 10838  | 0.13             | 4300              | 29900        |        | 7674  | 0.18             | 7680              | 49800        |  |       |                  |                   |              |  | 7643  | 0.18             | 12000             | 90000        |  |         |  |  |  |
| 9576   | 0.15             | 4300              | 29900        |        | 6767  | 0.21             | 7680              | 49800        |  |       |                  |                   |              |  | 6715  | 0.21             | 12000             | 90000        |  |         |  |  |  |
| 8318   | 0.17             | 4300              | 29900        |        | 5954  | 0.24             | 7680              | 49800        |  |       |                  |                   |              |  | 5925  | 0.24             | 12000             | 90000        |  |         |  |  |  |
| 7328   | 0.19             | 4300              | 29900        |        | 5383  | 0.26             | 7640              | 49800        |  |       |                  |                   |              |  | 5153  | 0.27             | 12000             | 90000        |  |         |  |  |  |
| 6469   | 0.22             | 4300              | 29900        |        | 5223  | 0.27             | 7680              | 49800        |  |       |                  |                   |              |  | 4533  | 0.31             | 12000             | 90000        |  |         |  |  |  |
| 6338   | 0.22             | 4300              | 29900        |        | 4593  | 0.30             | 7840              | 49400        |  |       |                  |                   |              |  | 3926  | 0.36             | 12000             | 90000        |  |         |  |  |  |
| 5680   | 0.25             | 4300              | 29900        |        | 4567  | 0.31             | 7680              | 49800        |  |       |                  |                   |              |  | 3454  | 0.41             | 12000             | 90000        |  |         |  |  |  |
| 5615   | 0.25             | 4300              | 29900        |        | 4016  | 0.35             | 7840              | 49400        |  |       |                  |                   |              |  | 3031  | 0.46             | 12000             | 90000        |  |         |  |  |  |
| 5016   | 0.28             | 4300              | 29900        |        | 3948  | 0.35             | 7680              | 49800        |  |       |                  |                   |              |  | 2672  | 0.52             | 12000             | 90000        |  |         |  |  |  |
| 4961   | 0.28             | 4300              | 29900        |        | 3815  | 0.37             | 7840              | 49400        |  |       |                  |                   |              |  | 2357  | 0.59             | 12000             | 90000        |  |         |  |  |  |
| 4367   | 0.32             | 4300              | 29900        |        | 3521  | 0.40             | 7680              | 49800        |  |       |                  |                   |              |  | 2038  | 0.69             | 12000             | 90000        |  |         |  |  |  |
| 4333   | 0.32             | 4300              | 29900        |        | 3347  | 0.42             | 7840              | 49400        |  |       |                  |                   |              |  | 1784  | 0.78             | 12000             | 90000        |  |         |  |  |  |
| 3914   | 0.36             | 4300              | 29900        |        | 3037  | 0.46             | 7680              | 49800        |  |       |                  |                   |              |  | 1606  | 0.87             | 12000             | 90000        |  |         |  |  |  |
| 3906   | 0.36             | 4300              | 29900        |        | 2839  | 0.49             | 7840              | 49400        |  |       |                  |                   |              |  | 1390  | 1.0              | 12000             | 90000        |  |         |  |  |  |
| 3357   | 0.42             | 4300              | 29900        |        | 2756  | 0.51             | 7680              | 49800        |  |       |                  |                   |              |  | 1220  | 1.1              | 12000             | 90000        |  |         |  |  |  |
| 3352   | 0.42             | 4300              | 29900        |        | 2563  | 0.55             | 7840              | 49400        |  |       |                  |                   |              |  | 1077  | 1.3              | 12000             | 90000        |  |         |  |  |  |
| 3009   | 0.47             | 4300              | 29900        |        | 2369  | 0.59             | 7680              | 49800        |  |       |                  |                   |              |  | 930   | 1.5              | 12000             | 90000        |  |         |  |  |  |
| 2907   | 0.48             | 4300              | 29900        |        | 2255  | 0.62             | 7840              | 49400        |  |       |                  |                   |              |  | 820   | 1.7              | 12000             | 90000        |  |         |  |  |  |
| 2553   | 0.55             | 4300              | 29900        |        | 2129  | 0.66             | 7840              | 49400        |  |       |                  |                   |              |  | 727   | 1.9              | 12000             | 90000        |  |         |  |  |  |
| 2448   | 0.57             | 4300              | 29900        |        | 2068  | 0.68             | 7840              | 49400        |  |       |                  |                   |              |  | 648   | 2.2              | 12000             | 90000        |  |         |  |  |  |
| 2245   | 0.62             | 4300              | 29900        |        | 1826  | 0.77             | 7680              | 49800        |  |       |                  |                   |              |  | 549   | 2.6              | 12000             | 90000        |  |         |  |  |  |
| 2199   | 0.64             | 4300              | 29900        |        | 1813  | 0.77             | 7840              | 49400        |  |       |                  |                   |              |  | 495   | 2.8              | 12000             | 90000        |  |         |  |  |  |
| 1971   | 0.71             | 4300              | 29900        |        | 1597  | 0.88             | 7680              | 49800        |  |       |                  |                   |              |  | 428   | 3.3              | 12000             | 90000        |  |         |  |  |  |
| 1970   | 0.71             | 4300              | 29900        |        | 1590  | 0.88             | 7840              | 49400        |  |       |                  |                   |              |  | 376   | 3.7              | 12000             | 90000        |  |         |  |  |  |
| 1741   | 0.80             | 4300              | 29900        |        | 1436  | 0.97             | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1722   | 0.81             | 4300              | 29900        |        | 1401  | 1.0              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1527   | 0.92             | 4300              | 29900        |        | 1263  | 1.1              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1468   | 0.95             | 4300              | 29900        |        | 1243  | 1.1              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1327   | 1.1              | 4300              | 29900        |        | 1193  | 1.2              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1316   | 1.1              | 4300              | 29900        |        | 1084  | 1.3              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1189   | 1.2              | 4300              | 29900        |        | 1015  | 1.4              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1171   | 1.2              | 4300              | 29900        |        | 950   | 1.5              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1023   | 1.4              | 4300              | 29900        |        | 923   | 1.5              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 1022   | 1.4              | 4300              | 29900        |        | 834   | 1.7              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 898    | 1.6              | 4300              | 29900        |        | 800   | 1.8              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 892    | 1.6              | 4300              | 29900        |        | 736   | 1.9              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 784    | 1.8              | 4300              | 29900        |        | 696   | 2.0              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 760    | 1.8              | 4300              | 29900        |        | 644   | 2.2              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 690    | 2.0              | 4300              | 29900        |        | 640   | 2.2              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 667    | 2.1              | 4300              | 29900        |        | 591   | 2.4              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 605    | 2.3              | 4300              | 29900        |        | 560   | 2.5              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 569    | 2.5              | 4300              | 29900        |        | 518   | 2.7              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 529    | 2.6              | 4300              | 29900        |        | 491   | 2.9              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 510    | 2.7              | 4300              | 29900        |        | 489   | 2.9              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 473    | 3.0              | 4300              | 29900        |        | 436   | 3.2              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 467    | 3.0              | 4300              | 29900        |        | 430   | 3.3              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 406    | 3.4              | 4300              | 29900        |        | 367   | 3.6              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 403    | 3.5              | 4300              | 29900        |        | 370   | 3.8              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 363    | 3.9              | 4300              | 29900        |        | 340   | 4.1              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 361    | 3.9              | 4300              | 29900        |        | 333   | 4.2              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 317    | 4.4              | 4300              | 29900        |        | 300   | 4.7              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 285    | 4.9              | 4300              | 29900        |        | 291   | 4.8              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 275    | 5.1              | 4300              | 29900        |        | 266   | 5.3              | 7840              | 49400        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 245    | 5.7              | 4300              | 29900        |        | 255   | 5.5              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 242    | 5.8              | 4300              | 29900        |        | 225   | 6.2              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 208    | 6.7              | 4300              | 29900        |        | 190   | 7.4              | 7680              | 49800        |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |
| 195    | 7.2              | 4300              | 29900        |        |       |                  |                   |              |  |       |                  |                   |              |  |       |                  |                   |              |  |         |  |  |  |

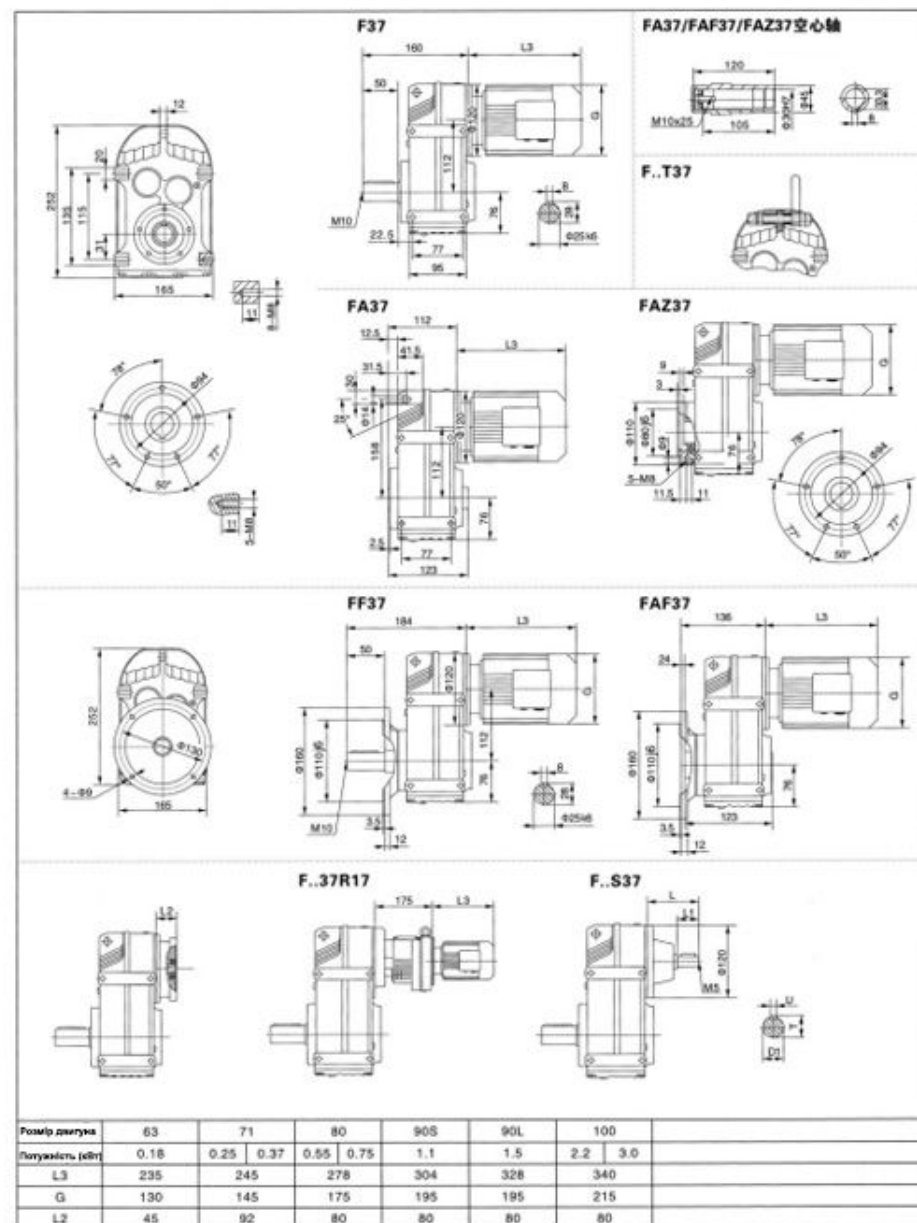
## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

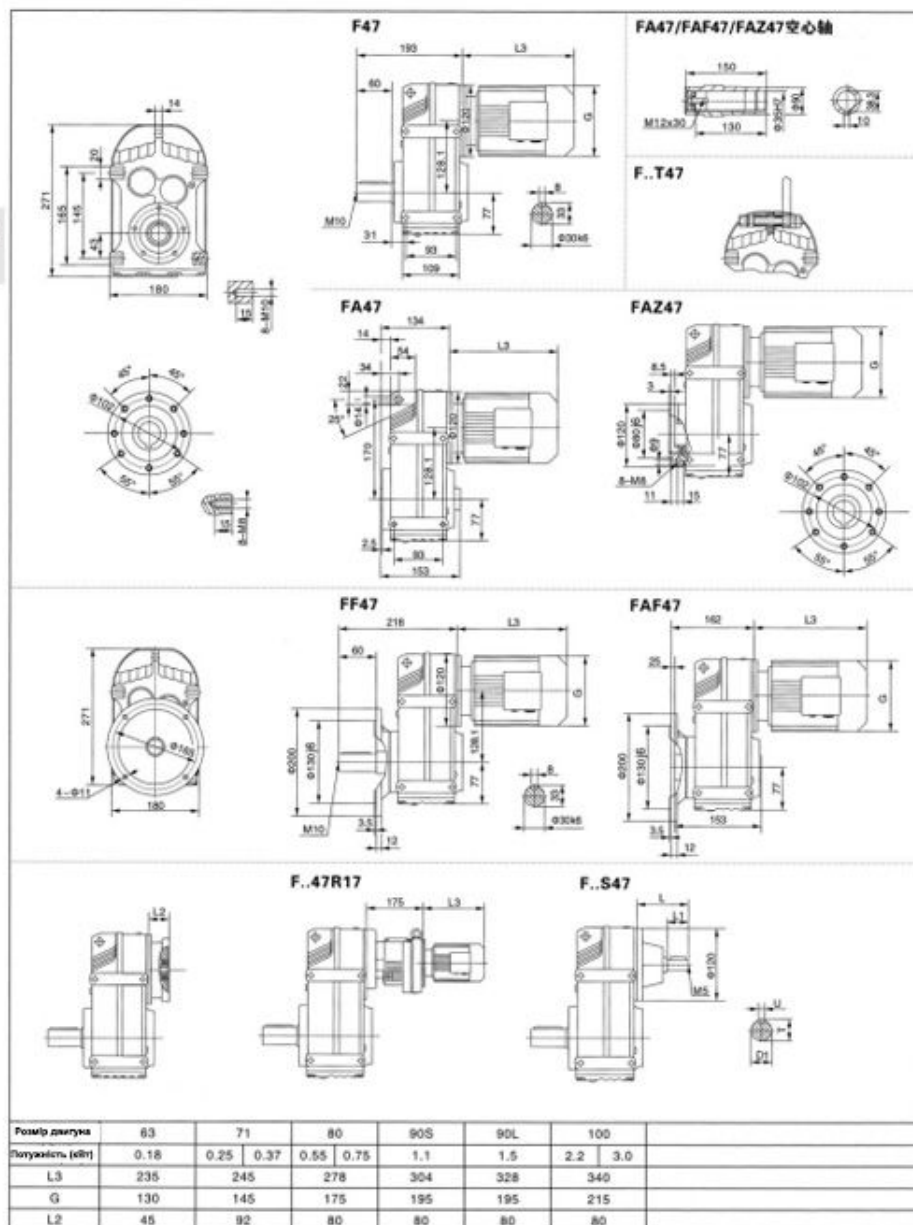
F 127/ R87, F 157 R97  $n_n=1400$  r/min

| F127R87 12000Nm |                  |                   |                 |
|-----------------|------------------|-------------------|-----------------|
| i               | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_{in}$<br>[N] |
| 483             | 2.9              | 12000             | 90000           |
| 418             | 3.3              | 12000             | 90000           |
| 374             | 3.7              | 12000             | 90000           |
| 312             | 4.5              | 12000             | 90000           |
| 293             | 4.8              | 12000             | 90000           |
| 259             | 5.4              | 12000             | 90000           |
| 223             | 6.3              | 12000             | 90000           |
| 198             | 7.1              | 12000             | 90000           |
| 166             | 8.4              | 12000             | 90000           |

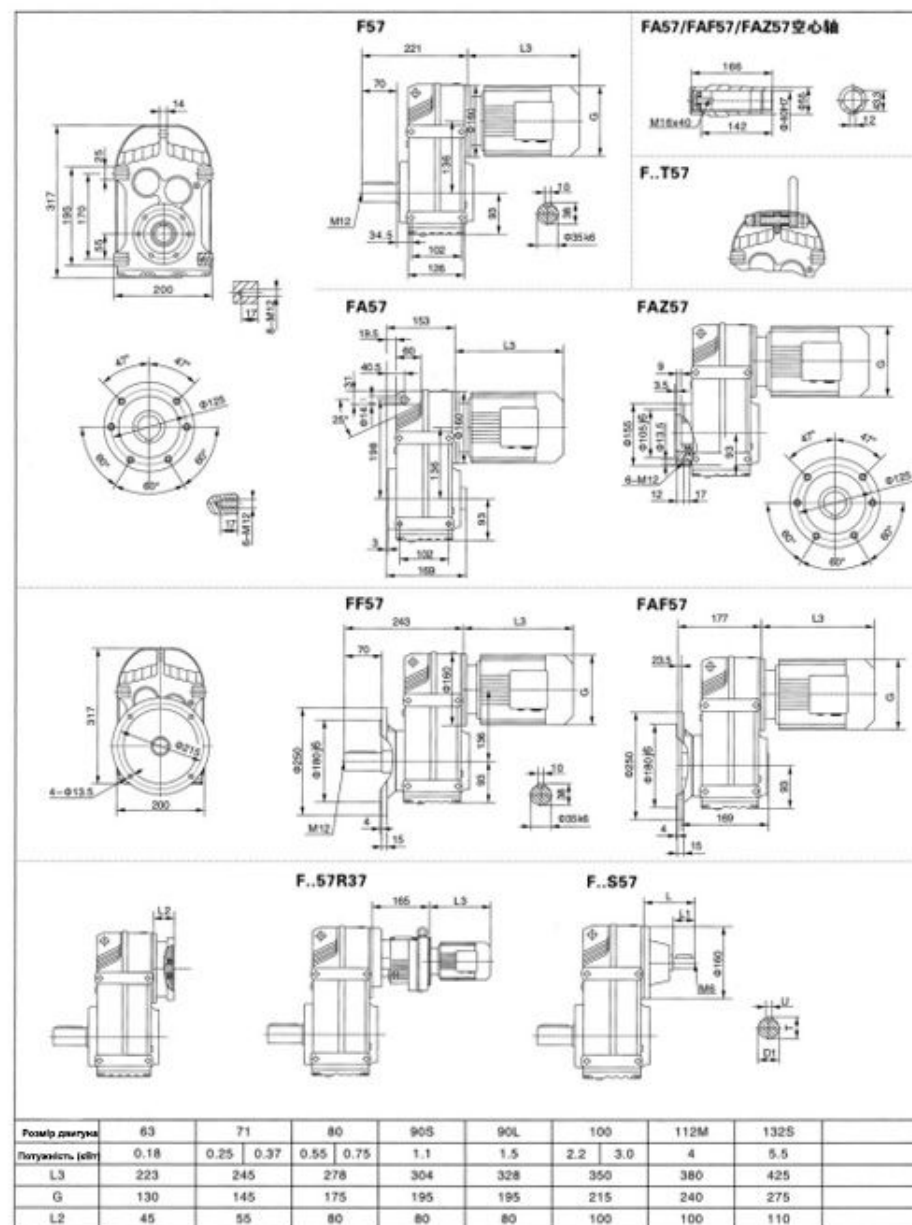
| F157R97 18000Nm |                  |                   |                 |
|-----------------|------------------|-------------------|-----------------|
| i               | $n_n$<br>[r/min] | $M_{max}$<br>[Nm] | $F_{in}$<br>[N] |
| 31434           | 0.04             | 18000             | 100300          |
| 26173           | 0.05             | 18000             | 100300          |
| 23464           | 0.06             | 18000             | 100300          |
| 20212           | 0.07             | 18000             | 100300          |
| 17984           | 0.08             | 18000             | 100300          |
| 16358           | 0.09             | 18000             | 100300          |
| 13751           | 0.10             | 18000             | 100300          |
| 12235           | 0.11             | 18000             | 100300          |
| 10033           | 0.14             | 18000             | 100300          |
| 9021            | 0.16             | 18000             | 100300          |
| 8026            | 0.17             | 18000             | 100300          |
| 7075            | 0.20             | 18000             | 100300          |
| 6295            | 0.22             | 18000             | 100300          |
| 5404            | 0.26             | 18000             | 100300          |
| 4831            | 0.29             | 18000             | 100300          |
| 4130            | 0.34             | 18000             | 100300          |
| 3607            | 0.39             | 18000             | 100300          |
| 3210            | 0.44             | 18000             | 100300          |
| 2780            | 0.50             | 18000             | 100300          |
| 2427            | 0.58             | 18000             | 100300          |
| 2185            | 0.64             | 18000             | 100300          |
| 1944            | 0.72             | 18000             | 100300          |
| 1674            | 0.84             | 18000             | 100300          |
| 1441            | 0.97             | 18000             | 100300          |
| 1308            | 1.1              | 18000             | 100300          |
| 1169            | 1.2              | 18000             | 100300          |
| 953             | 1.5              | 18000             | 100300          |
| 845             | 1.7              | 18000             | 100300          |
| 764             | 1.8              | 18000             | 100300          |
| 680             | 2.1              | 18000             | 100300          |
| 576             | 2.4              | 18000             | 100300          |
| 503             | 2.8              | 18000             | 100300          |
| 446             | 3.1              | 18000             | 100300          |
| 353             | 4.0              | 18000             | 100300          |
| 302             | 4.6              | 18000             | 100300          |
| 273             | 5.1              | 18000             | 100300          |
| 232             | 6.0              | 18000             | 100300          |
| 202             | 6.9              | 18000             | 100300          |
| 197             | 7.1              | 18000             | 100300          |



### F мотор-редуктор з паралельним валом

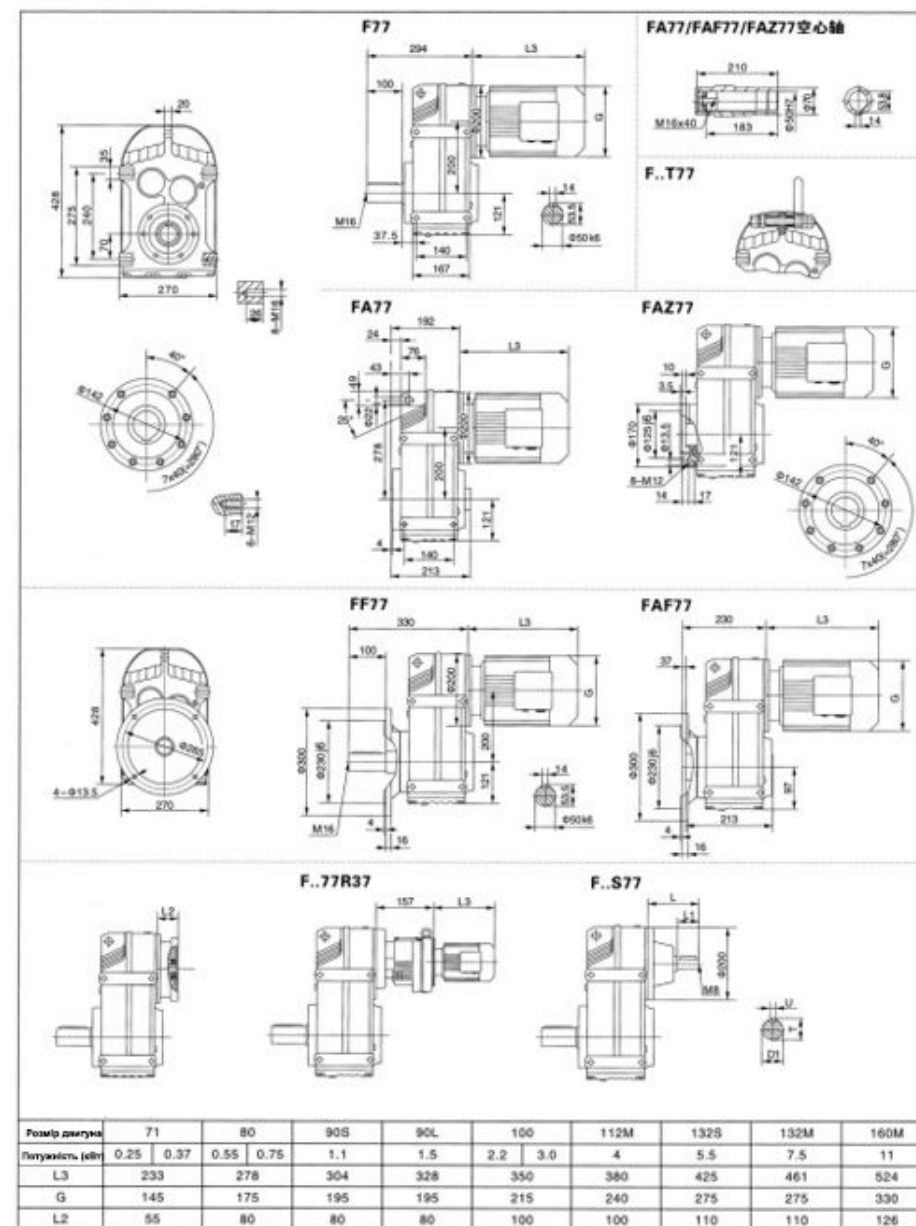
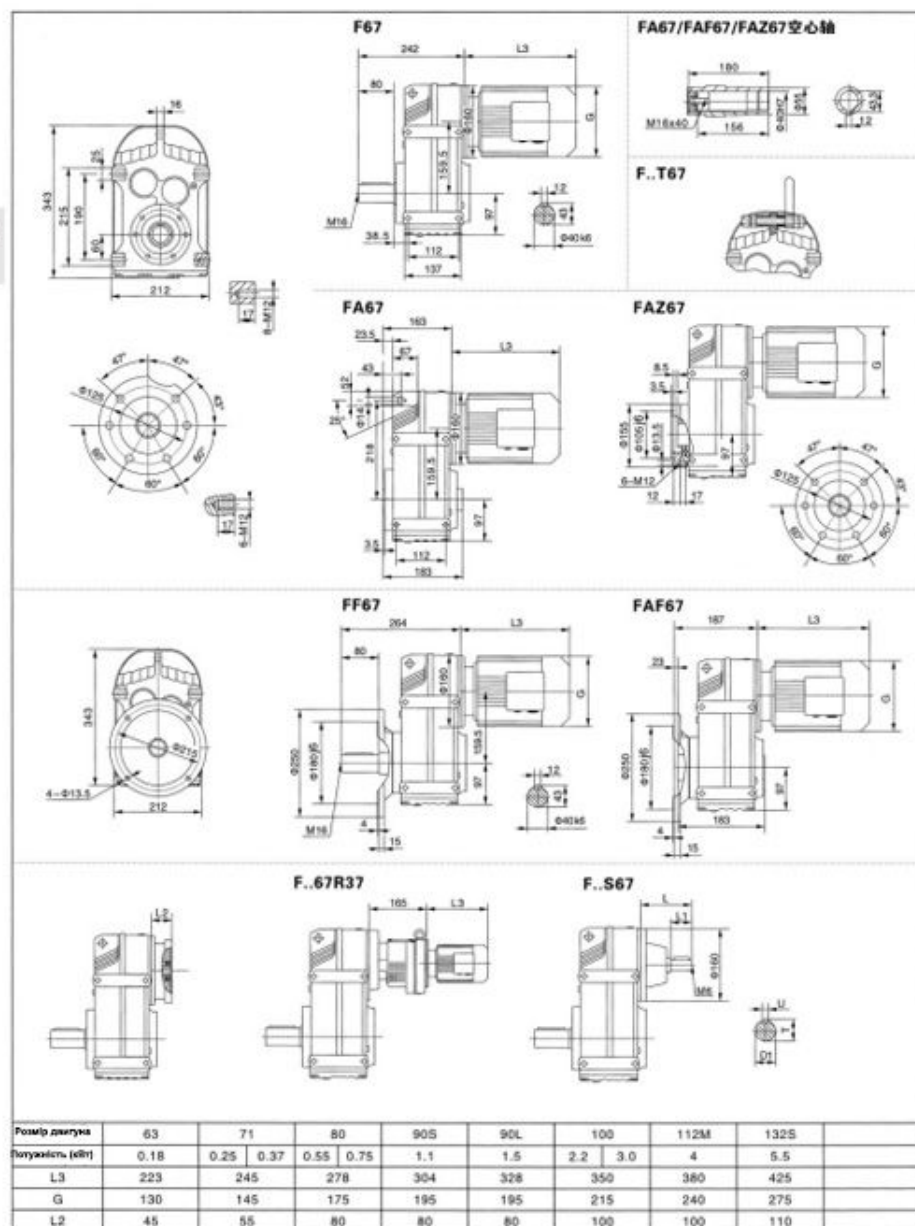


### F мотор-редуктор з паралельним валом



## Г мотор-редуктор з паралельним валом

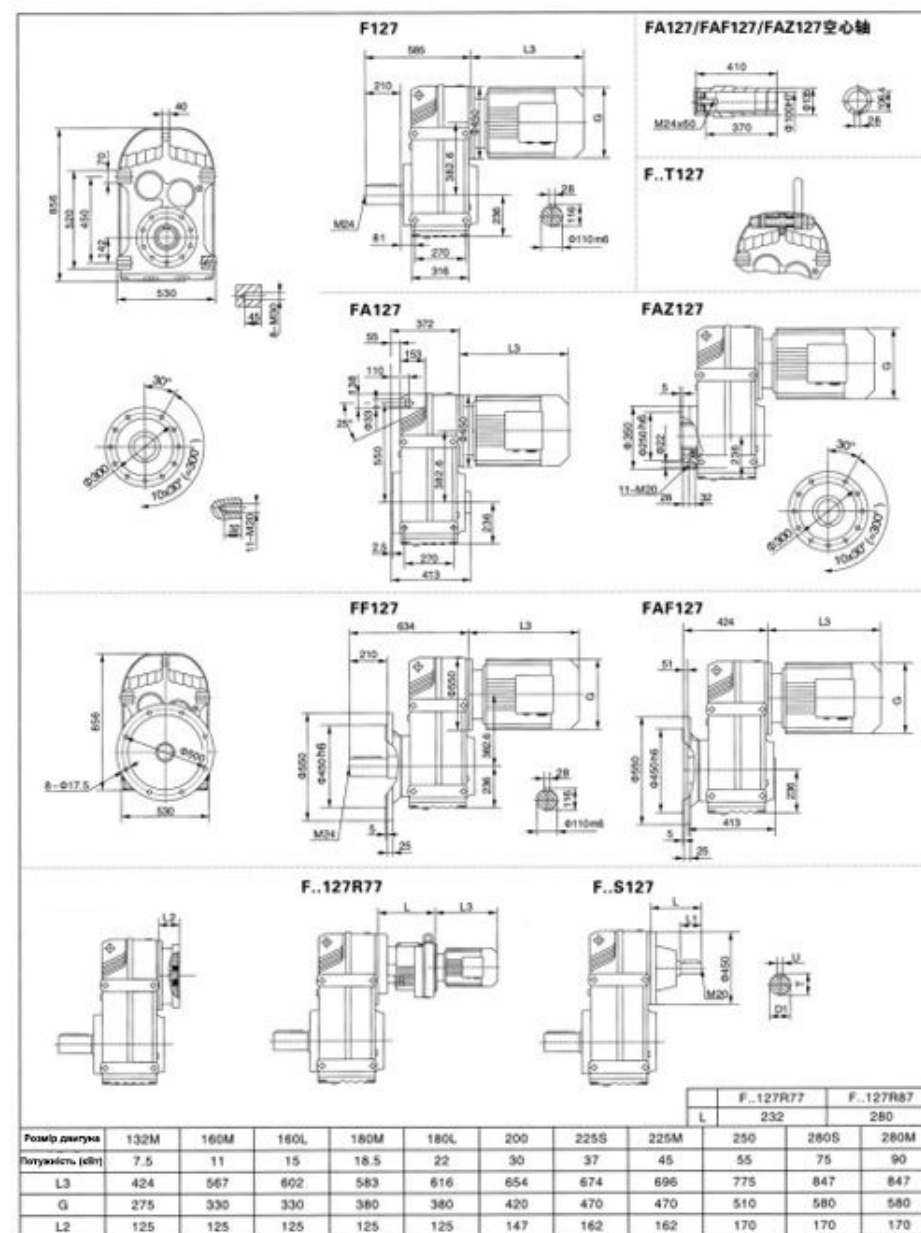
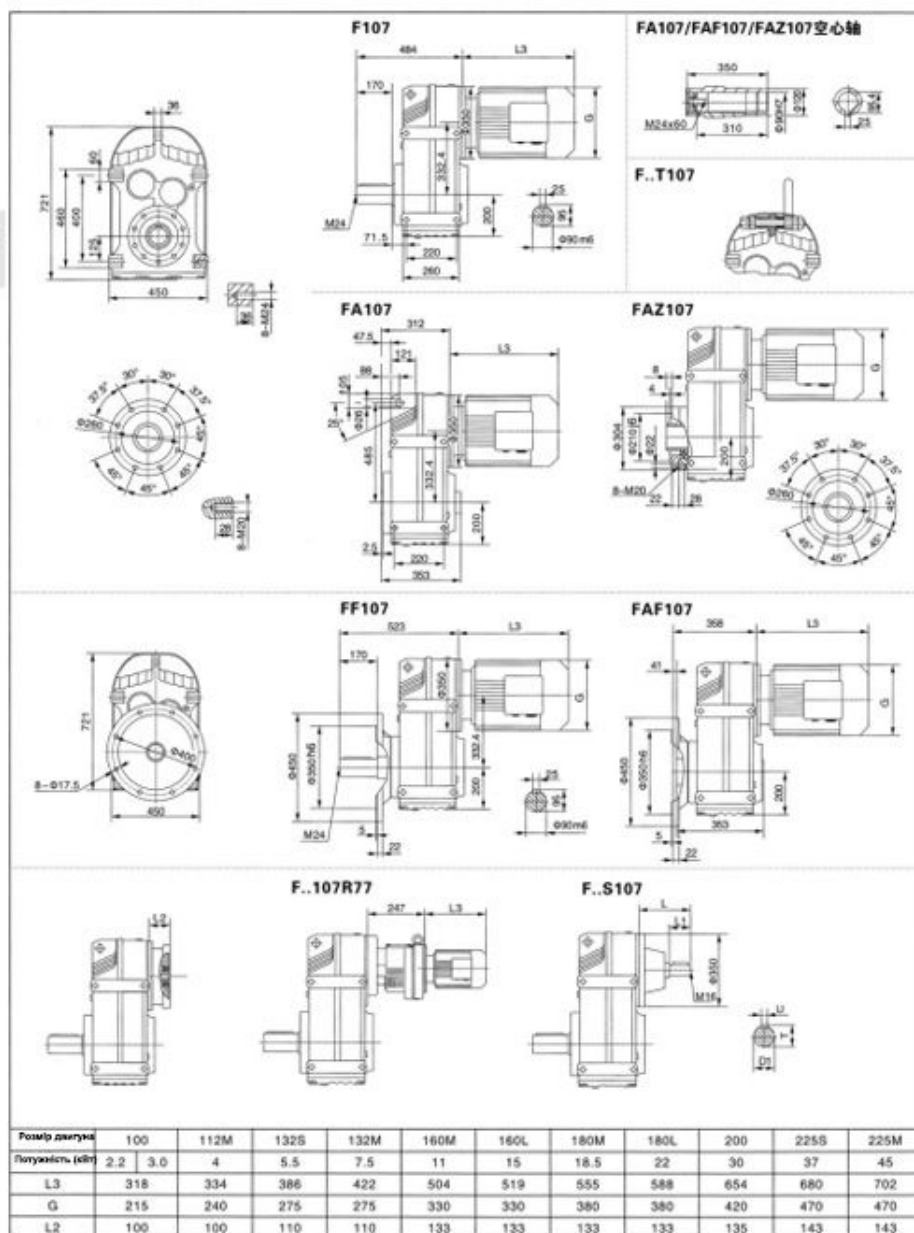
## Г мотор-редуктор з паралельним валом





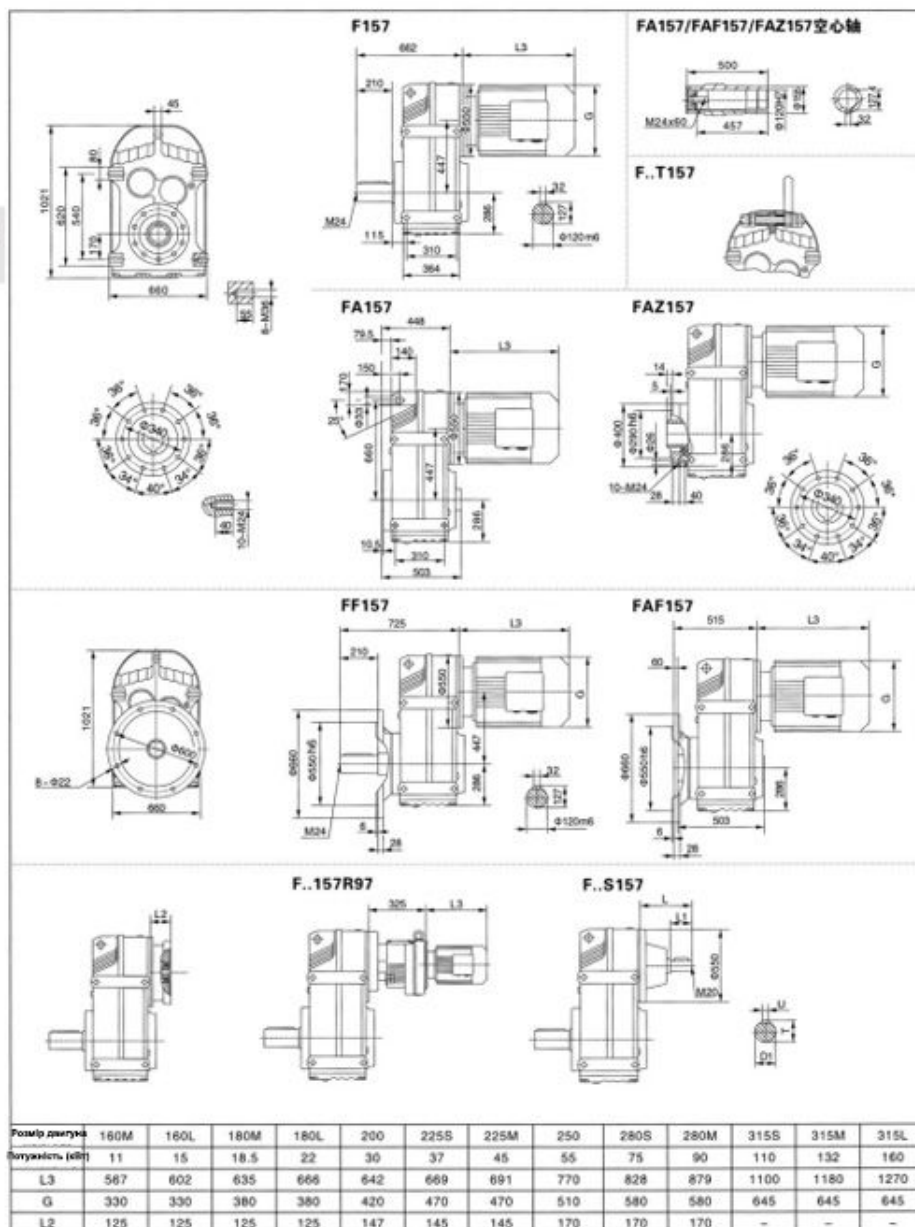
## Г мотор-редуктор з паралельним валом

## Г мотор-редуктор з паралельним валом

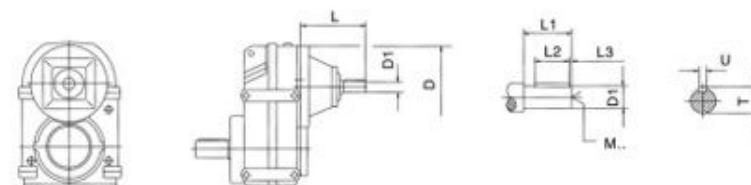


## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом



F..AD



|                         |     | D   | L   | D1 | L1  | L3 | L2  | T    | U  | M   |
|-------------------------|-----|-----|-----|----|-----|----|-----|------|----|-----|
| F..27<br>F..37<br>F..47 | Ad1 | 120 | 102 | 16 | 40  | 4  | 32  | 18   | 5  | M5  |
|                         | AD2 |     | 130 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 123 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
| F..57<br>F..67          | AD3 | 160 | 159 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
|                         | AD2 |     | 116 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 151 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
| F..77                   | AD4 | 200 | 224 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD2 |     | 111 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 156 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
| F..87                   | AD4 | 250 | 219 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 292 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD3 |     | 151 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
| F..97                   | AD4 | 300 | 214 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 287 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 327 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| F..107                  | AD3 | 350 | 145 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 208 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 281 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
| F..127                  | AD6 | 450 | 321 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                         | AD4 |     | 193 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 266 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
| F..157                  | AD6 | 550 | 306 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                         | AD7 |     | 300 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                         | AD8 |     | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| F..157                  | AD5 | 550 | 258 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 298 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                         | AD7 |     | 292 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
| F..157                  | AD8 | 550 | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

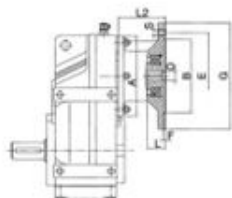
## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

F..AM..

Fig.1

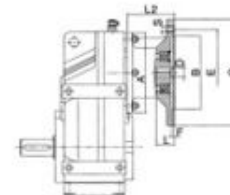
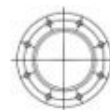
Fig.2



F..AM..

Fig.1

Fig.2



|                     |                       | Fig. | B   | E   | F   | A   | G   | S   | L2  | D    | L1   | T    | U    |    |  |  |  |
|---------------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|--|--|--|
| F..37<br>F..47      | AM63                  | 1    | 95  | 115 | 3.5 | 120 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4    |    |  |  |  |
|                     | AM71 <sup>1)</sup>    |      | 110 | 130 |     |     | 160 |     | 92  | 14   | 30   | 16.3 | 5    |    |  |  |  |
|                     | AM80 <sup>1)</sup>    |      | 130 | 165 |     |     | 200 |     | 80  | 19   | 40   | 21.8 | 6    |    |  |  |  |
|                     | AM90 <sup>1)</sup>    |      |     |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |  |  |  |
| F..57<br>F..67      | AM63                  | 1    | 95  | 115 | 3.5 | 160 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4    |    |  |  |  |
|                     | AM71                  |      | 110 | 130 |     |     | 160 |     | 55  | 14   | 30   | 16.3 | 5    |    |  |  |  |
|                     | AM80                  |      | 130 | 165 |     |     | 200 |     | M10 | 80   | 19   | 40   | 21.8 | 6  |  |  |  |
|                     | AM90                  |      |     |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |  |  |  |
|                     | AM100 <sup>1)</sup>   |      | 180 | 215 |     |     | 250 |     | M12 | 100  | 28   | 60   | 31.3 | 8  |  |  |  |
|                     | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
| F..77               | AM63                  | 1    | 95  | 115 | 3.5 | 200 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4    |    |  |  |  |
|                     | AM71                  |      | 110 | 130 |     |     | 160 |     | 55  | 14   | 30   | 16.3 | 5    |    |  |  |  |
|                     | AM80                  |      | 130 | 165 |     |     | 200 |     | M10 | 80   | 19   | 40   | 21.8 | 6  |  |  |  |
|                     | AM90                  |      |     |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |  |  |  |
|                     | AM100 <sup>1)</sup>   |      | 180 | 215 |     |     | 250 |     | M12 | 100  | 28   | 60   | 31.3 | 8  |  |  |  |
|                     | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | AM132S <sup>1)</sup>  |      | 230 | 265 | 5   |     | 300 |     | M12 | 110  | 38   | 80   | 41.3 | 10 |  |  |  |
|                     | AM132M <sup>1)</sup>  |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | AM132ML <sup>1)</sup> |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     |                       |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
| F..87               | AM80                  | 1    | 130 | 165 | 4.5 | 250 | 200 | M10 | 80  | 19   | 40   | 21.8 | 6    |    |  |  |  |
|                     | AM90                  |      |     |     |     |     | 250 |     | 80  | 24   | 50   | 27.3 | 8    |    |  |  |  |
|                     | AM100                 |      | 180 | 215 | 5   |     | 250 |     | M12 | 100  | 28   | 60   | 31.3 | 8  |  |  |  |
|                     | AM112                 |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | AM132S                |      | 230 | 265 | 5   |     | 300 |     | M12 | 110  | 38   | 80   | 41.3 | 10 |  |  |  |
|                     | AM132M                |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | AM132ML               |      | 250 | 300 | 6   |     | 350 |     | M16 | 133  | 42   | 110  | 45.3 | 12 |  |  |  |
|                     | AM160 <sup>1)</sup>   |      |     |     |     |     |     |     |     | 48   | 51.8 |      | 14   |    |  |  |  |
| AM180 <sup>1)</sup> | 59.3                  | 16   |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | 64.4                  | 18   |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
| F..97               | AM100                 | 1    | 180 | 215 | 5   | 300 | 250 | M12 | 100 | 28   | 60   | 31.3 | 8    |    |  |  |  |
|                     | AM112                 |      |     |     |     |     | 300 |     | M12 | 110  | 38   | 80   | 41.3 | 10 |  |  |  |
|                     | AM132S                |      | 230 | 265 | 5   |     | 300 |     | M12 | 110  | 38   | 80   | 41.3 | 10 |  |  |  |
|                     | AM132M                |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |
|                     | AM132ML               |      | 250 | 300 | 6   |     | 350 |     | M16 | 133  | 42   | 110  | 45.3 | 12 |  |  |  |
|                     | AM160                 |      |     |     |     |     |     |     |     | 48   | 51.8 |      | 14   |    |  |  |  |
|                     | AM180                 |      |     |     |     |     |     |     |     | 59.3 | 16   |      |      |    |  |  |  |
|                     | AM200                 |      |     |     |     |     |     |     |     | 64.4 | 18   |      |      |    |  |  |  |
|                     | AM225 <sup>1)</sup>   |      | 350 | 400 | 7   |     | 450 |     | M16 | 143  | 60   | 140  | 64.4 | 18 |  |  |  |
|                     |                       |      |     |     |     |     |     |     |     |      |      |      |      |    |  |  |  |

|        |         | Fig. | B   | E   | F   | A   | G   | S   | L2   | D   | L1   | T    | U    |      |      |     |      |     |      |      |      |     |
|--------|---------|------|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|-----|------|-----|------|------|------|-----|
| F..107 | AM100   | 1    | 180 | 215 | 5   | 350 | 250 | M12 | 100  | 28  | 60   | 31.3 | 8    |      |      |     |      |     |      |      |      |     |
|        | AM112   |      | 230 | 265 |     |     | 300 |     | 110  | 38  | 80   | 41.3 | 10   |      |      |     |      |     |      |      |      |     |
|        | AM132S  |      |     |     |     |     |     |     |      |     |      |      |      |      |      |     |      |     |      |      |      |     |
|        | AM132M  |      |     |     |     |     |     |     |      |     |      |      |      |      |      |     |      |     |      |      |      |     |
|        | AM132ML |      | 2   | 250 | 300 |     | 6   |     | 350  | M16 | 133  | 42   | 110  | 45.3 | 12   |     |      |     |      |      |      |     |
|        | AM160   |      |     |     |     |     |     |     |      |     |      | 48   |      | 51.8 | 14   |     |      |     |      |      |      |     |
|        | AM180   |      |     | 300 | 350 |     |     |     | 400  |     | 135  | 55   | 59.3 | 16   |      |     |      |     |      |      |      |     |
|        | AM200   |      |     |     |     |     |     |     |      |     |      | 143  | 60   | 140  | 64.4 | 18  |      |     |      |      |      |     |
| AM225  | 350     | 400  | 7   | 450 |     |     |     |     |      |     |      |      |      |      |      |     |      |     |      |      |      |     |
| F..127 | AM132S  | 1    | 230 | 265 | 5   | 450 | 300 | M12 | 125  | 38  | 80   | 41.3 | 10   |      |      |     |      |     |      |      |      |     |
|        | AM132M  |      | 250 | 300 |     |     | 350 |     | 125  | 42  | 110  | 45.3 | 12   |      |      |     |      |     |      |      |      |     |
|        | AM160   |      |     |     |     |     |     |     |      | 48  |      | 51.8 | 14   |      |      |     |      |     |      |      |      |     |
|        | AM180   |      |     |     |     |     |     |     |      | 300 |      | 350  |      |      | 400  |     | 147  | 55  | 59.3 | 16   |      |     |
|        | AM200   |      | 2   | 350 | 400 |     | 7   |     | 450  |     | M16  |      |      |      |      |     |      | 162 | 60   | 64.4 | 18   |     |
|        | AM225   |      |     |     |     |     |     |     |      |     |      |      |      |      |      |     |      |     | 170  | 65   |      | 140 |
|        | AM250   |      |     | 450 | 500 |     |     |     | 550  |     |      |      |      |      |      |     |      |     |      |      |      |     |
|        | AM280   |      |     |     |     |     |     |     |      |     |      |      |      |      |      |     |      |     |      |      |      |     |
| F..157 | AM160   | 1    | 250 | 300 | 6   | 550 | 350 | M16 | 125  | 42  | 110  | 45.3 | 12   |      |      |     |      |     |      |      |      |     |
|        | AM180   |      | 300 | 350 |     |     | 400 |     | 147  | 48  |      | 51.8 | 14   |      |      |     |      |     |      |      |      |     |
|        | AM200   |      |     |     |     |     |     |     |      | 350 |      | 400  |      |      | 450  |     | 145  | 55  | 59.3 | 16   |      |     |
|        | AM225   |      |     |     |     |     |     |     |      |     |      |      |      |      |      |     |      | 145 | 60   | 140  | 64.4 | 18  |
|        | AM250   | 2    | 450 | 500 | 7   |     | 550 |     | M16  | 170 | 65   | 140  | 69.4 | 18   |      |     |      |     |      |      |      |     |
|        | AM280   |      |     |     |     |     |     |     |      |     | 75   |      | 79.9 |      | 20   |     |      |     |      |      |      |     |
|        | AM160   |      | 1   | 250 |     |     | 300 |     |      | 6   |      | 350  | M16  | 125  | 42   | 110 | 45.3 | 12  |      |      |      |     |
|        | AM180   |      |     |     |     |     |     |     |      |     |      |      |      |      | 300  |     | 350  |     |      | 400  |      | 147 |
| AM200  | 350     | 400  |     |     | 450 |     | 145 | 55  | 59.3 |     |      | 16   |      |      |      |     |      |     |      |      |      |     |
| AM225  |         |      |     |     |     |     |     | 145 | 60   |     |      | 140  |      | 64.4 |      |     |      |     |      |      |      |     |
| AM250  | 2       | 450  | 500 | 7   |     | 550 | M16 | 170 | 65   | 140 | 69.4 | 18   |      |      |      |     |      |     |      |      |      |     |
| AM280  |         |      |     |     |     |     |     |     | 75   |     | 79.9 |      | 20   |      |      |     |      |     |      |      |      |     |

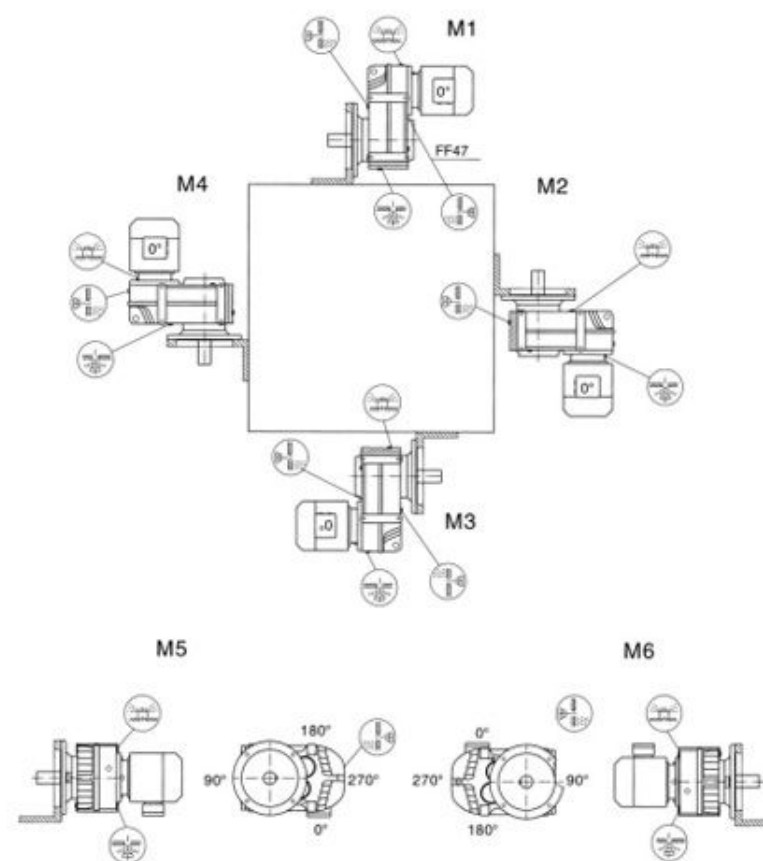
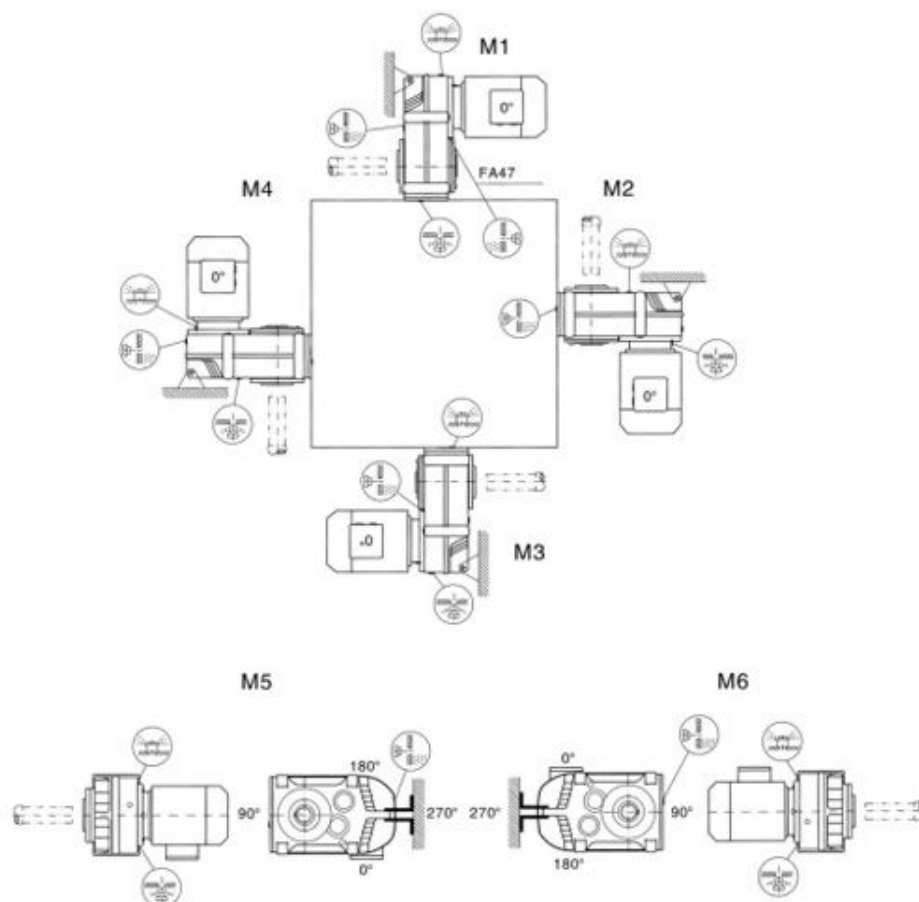
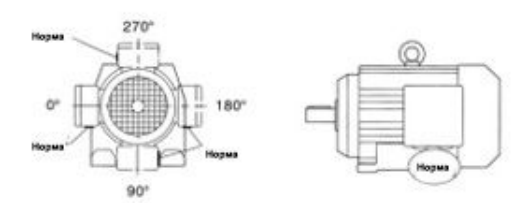
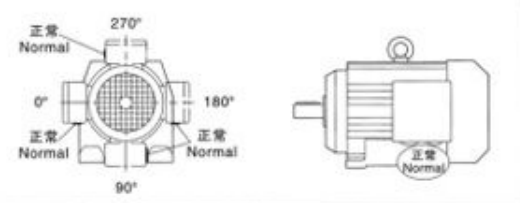


## F мотор-редуктор з паралельним валом

## F мотор-редуктор з паралельним валом

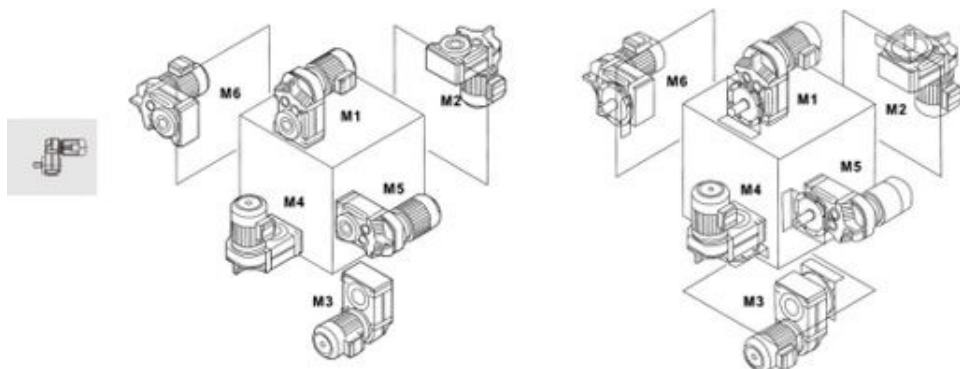
FA37-157安裝形式圖 FA37-157 Приклад монтажної позиції

FF/FAF/FAZ37-157安裝形式圖 FF/FAF/FAZ Приклад монтажної позиції



## F мотор-редуктор з паралельним валом

### Монтажна позиція



### Розташування термоблока двигуна



### Номінальна вхідна потужність і допустимий крутний момент

| Розмір                    | 37              | 47          | 57          | 67          | 77          | 87          | 97          | 107         | 127         | 157          |
|---------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Структура                 | F FA FF FAF FAZ |             |             |             |             |             |             |             |             |              |
| Вхідна потужність         | 0.18~3.0        | 0.18~3.0    | 0.18~5.5    | 0.18~5.5    | 0.37~11     | 0.75~22     | 1.1~30      | 2.2~45      | 7.5~90      | 11~200       |
| Співвідношення            | 3.81~128.51     | 5.06~189.39 | 5.18~199.70 | 4.21~228.99 | 4.30~281.71 | 4.12~270.68 | 4.68~280.76 | 6.20~254.40 | 4.63~172.17 | 11.92~267.43 |
| Допустимий крутний момент | 200             | 400         | 600         | 820         | 1500        | 3000        | 4300        | 7840        | 12000       | 18000        |

### Маса редуктора

| Розмір | 37 | 47 | 57 | 67 | 77 | 87  | 97  | 107 | 127 | 157 |
|--------|----|----|----|----|----|-----|-----|-----|-----|-----|
| Вага   | 13 | 17 | 34 | 55 | 90 | 150 | 260 | 402 | 700 | 950 |

## F мотор-редуктор з паралельним валом

### Таблиця мастила

F...

| Розмір | Обсяг заливки в літрах |      |      |      |      |     |
|--------|------------------------|------|------|------|------|-----|
|        | M1                     | M2   | M3   | M4   | M5   | M6  |
| F37    | 1                      | 1.2  | 0.7  | 1.2  | 1    | 1.1 |
| F47    | 1.5                    | 1.8  | 1.1  | 1.9  | 1.5  | 1.7 |
| F57    | 2.6                    | 3.7  | 2.1  | 3.5  | 2.8  | 2.9 |
| F67    | 2.7                    | 3.8  | 1.9  | 3.8  | 2.9  | 3.2 |
| F77    | 5                      | 7.3  | 4.3  | 8    | 6    | 6.3 |
| F87    | 10                     | 13.0 | 7.7  | 13.8 | 10.8 | 11  |
| F97    | 18.5                   | 22.5 | 12.6 | 25.2 | 18.5 | 20  |
| F107   | 24.5                   | 32   | 19.5 | 37.5 | 27   | 27  |
| F127   | 40.5                   | 55   | 34   | 61   | 46.5 | 47  |
| F157   | 69                     | 104  | 63   | 105  | 86   | 78  |

FF....

| Розмір | Обсяг заливки в літрах |      |      |      |      |      |
|--------|------------------------|------|------|------|------|------|
|        | M1                     | M2   | M3   | M4   | M5   | M6   |
| FF37   | 1                      | 1.2  | 0.7  | 1.3  | 1    | 1.1  |
| FF47   | 1.6                    | 1.9  | 1.1  | 1.9  | 1.5  | 1.7  |
| FF57   | 2.8                    | 3.8  | 2.1  | 3.7  | 2.9  | 3    |
| FF67   | 2.7                    | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| FF77   | 5.1                    | 7.3  | 4.3  | 8.1  | 6    | 6.3  |
| FF87   | 10.3                   | 13.2 | 7.8  | 14.1 | 11   | 11.2 |
| FF97   | 19                     | 22.5 | 12.6 | 25.5 | 18.9 | 20.5 |
| FF107  | 25.5                   | 32   | 19.5 | 38.5 | 27.5 | 28   |
| FF127  | 41.5                   | 56   | 34   | 63   | 46.5 | 49   |
| FF157  | 72                     | 105  | 64   | 106  | 87   | 79   |

FA..., FAF..., FAZ....

| Розмір  | Обсяг заливки в літрах |      |      |      |      |      |
|---------|------------------------|------|------|------|------|------|
|         | M1                     | M2   | M3   | M4   | M5   | M6   |
| F...37  | 1                      | 1.2  | 0.7  | 1.2  | 1    | 1    |
| F...47  | 1.5                    | 1.8  | 1.1  | 1.9  | 1.5  | 1.7  |
| F...57  | 2.7                    | 3.8  | 2.1  | 3.6  | 2.9  | 3    |
| F...67  | 2.7                    | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| F...77  | 5                      | 7.3  | 4.3  | 8    | 6    | 6.3  |
| F...87  | 10                     | 13.0 | 7.7  | 13.8 | 10.8 | 11   |
| F...97  | 18.5                   | 22.5 | 12.6 | 25.0 | 18.5 | 20   |
| F...107 | 24.5                   | 32   | 19.5 | 37.5 | 27   | 27   |
| F...127 | 39                     | 55   | 34   | 61   | 45   | 46.5 |
| F...157 | 68                     | 103  | 62   | 104  | 85   | 77   |