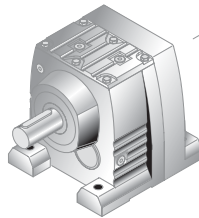


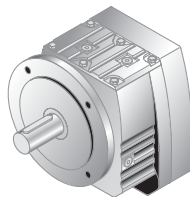
## 14 R..

## 14.1 R..D..DT/DV..

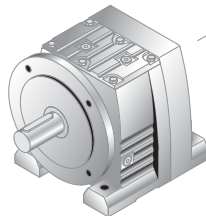
R..D..DT/DV..



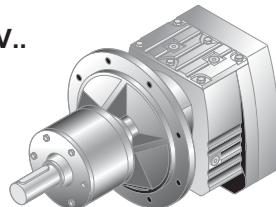
RF..D..DT/DV..



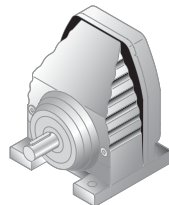
R..F D..DT/DV..



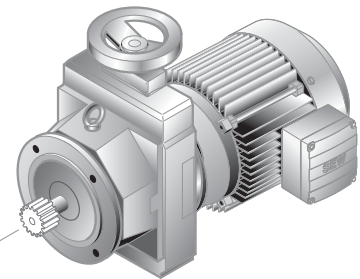
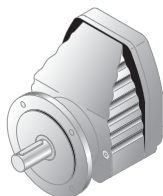
RM..D..DT/DV..



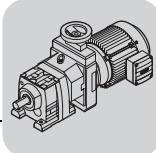
RX..D..DT/DV..



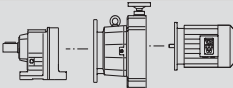
RXF..D..DT/DV..

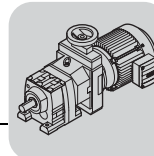


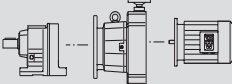
50595AXX

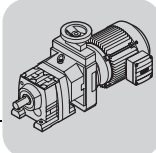


## 14.2 R..D..DT/DV.. [kW]

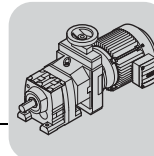
| R = 1:5                                 |                            |   |                 |         |                         |                 |                                                                                   |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|-----------------------------------------|----------------------------|---|-----------------|---------|-------------------------|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------|--------|----------|----------|--------------|-----------|-------------------------------------------------------------------------------------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub><br>[1/min] | - | n <sub>a2</sub> | i       | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub> |  |  |                  |        |          |          |              | m<br>[kg] |  |
| 0.37 / 0.24                             | 0.19                       | - | 0.92            | 1823    | 3000                    | 2780            | -                                                                                 | R<br>RF                                                                            | 97 R57<br>97 R57 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 135       | -                                                                                   |
|                                         | 0.21                       | - | 1.1             | 1583    | 3000                    | 2410            | -                                                                                 |                                                                                    |                  |        |          |          |              | 155       | -                                                                                   |
|                                         | 0.24                       | - | 1.2             | 1396    | 3000                    | 2130            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.28                       | - | 1.4             | 1228    | 3000                    | 1870            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.32                       | - | 1.6             | 1069    | 3000                    | 1630            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.36                       | - | 1.8             | 938     | 3000                    | 1430            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.41                       | - | 2.0             | 824     | 3000                    | 1260            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.46                       | - | 2.3             | 737     | 3000                    | 1120            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.54                       | - | 2.7             | 632     | 3000                    | 960             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.54                       | - | 2.7             | 625     | 3000                    | 970             | -                                                                                 | R<br>RF                                                                            | 97 R57<br>97 R57 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 135       | -                                                                                   |
|                                         | 0.62                       | - | 3.1             | 549     | 2920                    | 850             | -                                                                                 |                                                                                    |                  |        |          |          |              | 150       | -                                                                                   |
|                                         | 0.73                       | - | 3.6             | 466     | 2480                    | 720             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.81                       | - | 4.0             | 420     | 2230                    | 650             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.91                       | - | 4.5             | 370     | 1970                    | 575             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.97                       | - | 4.8             | 349     | 1860                    | 540             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.1                        | - | 5.7             | 297     | 1580                    | 460             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.2                        | - | 6.2             | 270     | 1440                    | 420             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.5                        | - | 7.4             | 227     | 1210                    | 350             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.34                       | - | 1.7             | 1008    | 1550                    | 1540            | -                                                                                 | R<br>RF                                                                            | 87 R57<br>87 R57 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 97        | -                                                                                   |
|                                         | 0.38                       | - | 1.9             | 885     | 1550                    | 1350            | -                                                                                 |                                                                                    |                  |        |          |          |              | 105       | -                                                                                   |
|                                         | 0.44                       | - | 2.2             | 776     | 1550                    | 1180            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.49                       | - | 2.5             | 685     | 1550                    | 1040            | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.56                       | - | 2.8             | 599     | 1550                    | 910             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.63                       | - | 3.1             | 538     | 1550                    | 830             | -                                                                                 | R<br>RF                                                                            | 87 R57<br>87 R57 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 96        | -                                                                                   |
|                                         | 0.72                       | - | 3.6             | 472     | 1550                    | 730             | -                                                                                 |                                                                                    |                  |        |          |          |              | 105       | -                                                                                   |
|                                         | 0.85                       | - | 4.2             | 400     | 1550                    | 620             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.94                       | - | 4.7             | 361     | 1550                    | 560             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.1                        | - | 5.6             | 300     | 1550                    | 465             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.3                        | - | 6.6             | 256     | 1360                    | 395             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.5                        | - | 7.3             | 232     | 1230                    | 360             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.7                        | - | 8.6             | 195     | 1040                    | 300             | -                                                                                 | R<br>RF                                                                            | 77 R37<br>77 R37 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 60        | -                                                                                   |
|                                         | 0.65                       | - | 3.2             | 520     | 820                     | 810             | -                                                                                 |                                                                                    |                  |        |          |          |              | 66        | -                                                                                   |
|                                         | 0.75                       | - | 3.7             | 451     | 820                     | 700             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.80                       | - | 4.0             | 422     | 820                     | 655             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.93                       | - | 4.6             | 365     | 820                     | 565             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.1                        | - | 5.4             | 310     | 820                     | 480             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.2                        | - | 6.1             | 276     | 820                     | 425             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.4                        | - | 7.1             | 236     | 820                     | 365             | -                                                                                 | R<br>RF                                                                            | 67 R37<br>67 R37 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 55        | -                                                                                   |
|                                         | 1.5                        | - | 7.6             | 221     | 820                     | 340             | -                                                                                 |                                                                                    |                  |        |          |          |              | 58        | -                                                                                   |
|                                         | 0.88                       | - | 4.4             | 384     | 600                     | 595             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 0.94                       | - | 4.7             | 359     | 600                     | 555             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.1                        | - | 5.4             | 310     | 600                     | 480             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.3                        | - | 6.4             | 264     | 600                     | 410             | -                                                                                 | R<br>RF                                                                            | 57 R37<br>57 R37 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 49        | -                                                                                   |
|                                         | 1.4                        | - | 7.2             | 235     | 600                     | 365             | -                                                                                 |                                                                                    |                  |        |          |          |              | 52        | -                                                                                   |
|                                         | 1.7                        | - | 8.4             | 201     | 600                     | 310             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.2                        | - | 5.8             | 290     | 450                     | 450             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.3                        | - | 6.4             | 262     | 450                     | 405             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.4                        | - | 6.8             | 246     | 450                     | 380             | -                                                                                 | R<br>RF                                                                            | 47 R37<br>47 R37 | D<br>D | 16<br>16 | DT<br>DT | 71D4<br>71D4 | 44        | -                                                                                   |
|                                         | 1.5                        | - | 7.7             | 220     | 450                     | 340             | -                                                                                 |                                                                                    |                  |        |          |          |              | 44        | -                                                                                   |
|                                         | 1.9                        | - | 9.2             | 182     | 300                     | 280             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
| 0.37 / 0.30                             | 1.1                        | - | 5.6             | 195.24* | 820                     | 560             | -                                                                                 | R<br>RF                                                                            | 77<br>77         | D<br>D | 16<br>16 | DT<br>DT | 80K6<br>80K6 | 53        | 431                                                                                 |
|                                         | 1.3                        | - | 6.6             | 166.59  | 820                     | 480             | -                                                                                 |                                                                                    |                  |        |          |          |              | 58        | 432                                                                                 |
|                                         | 1.5                        | - | 7.5             | 145.67  | 820                     | 420             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.1                        | - | 5.5             | 199.81  | 600                     | 575             | -                                                                                 | R<br>RF                                                                            | 67<br>67         | D<br>D | 16<br>16 | DT<br>DT | 80K6<br>80K6 | 48        | 429                                                                                 |
|                                         | 1.2                        | - | 6.0             | 184.07  | 600                     | 530             | -                                                                                 |                                                                                    |                  |        |          |          |              | 51        | 430                                                                                 |
|                                         | 1.4                        | - | 6.9             | 158.14  | 600                     | 455             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.6                        | - | 8.0             | 137.67  | 600                     | 395             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |
|                                         | 1.7                        | - | 8.5             | 128.97  | 600                     | 370             | -                                                                                 |                                                                                    |                  |        |          |          |              |           |                                                                                     |

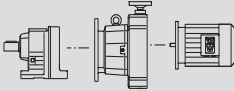


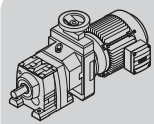
| R = 1:5              |          |     |          |        |          |          |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
|----------------------|----------|-----|----------|--------|----------|----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----|----|----|------|-----------|-------------------------------------------------------------------------------------|-----|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$ | -   | $n_{a2}$ | i      | $M_{a1}$ | $M_{a2}$ |  |  |    |    |    |      | m<br>[kg] |  |     |
| 0.37 / 0.30          | 1.8      | -   | 9.0      | 186.89 | 450      | 305      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.0      | -   | 9.8      | 172.17 | 450      | 285      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.3      | -   | 11       | 147.92 | 450      | 245      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.6      | -   | 13       | 128.77 | 450      | 210      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.8      | -   | 14       | 120.63 | 450      | 198      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.2      | -   | 16       | 106.58 | 450      | 175      | -                                                                                 | R                                                                                  | 57 | D  | 16 | DT   | 71D4      | 40                                                                                  | 427 |
|                      | 3.4      | -   | 17       | 98.99  | 450      | 163      | -                                                                                 | RF                                                                                 | 57 | D  | 16 | DT   | 71D4      | 43                                                                                  | 428 |
|                      | 3.8      | -   | 19       | 89.71  | 450      | 148      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.2      | -   | 21       | 80.55  | 450      | 133      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.9      | -   | 24       | 69.23  | 390      | 114      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 5.2      | -   | 26       | 64.85  | 365      | 107      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 5.9      | -   | 29       | 57.29  | 325      | 94       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 1.9      | -   | 9.5      | 176.88 | 300      | 290      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.1      | -   | 10       | 162.94 | 300      | 270      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.4      | -   | 12       | 139.99 | 300      | 230      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 2.8      | -   | 14       | 121.87 | 300      | 200      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.0      | -   | 15       | 114.17 | 300      | 188      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.4      | -   | 17       | 100.86 | 300      | 166      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.6      | -   | 18       | 93.68  | 300      | 154      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.0      | -   | 20       | 84.90  | 300      | 140      | -                                                                                 | R                                                                                  | 47 | D  | 16 | DT   | 71D4      | 34                                                                                  | 425 |
|                      | 4.4      | -   | 22       | 76.23  | 300      | 125      | -                                                                                 | RF                                                                                 | 47 | D  | 16 | DT   | 71D4      | 34                                                                                  | 426 |
|                      | 4.9      | -   | 25       | 68.54  | 300      | 113      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 5.3      | -   | 26       | 64.21  | 300      | 106      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 6.0      | -   | 30       | 56.73  | 300      | 93       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 6.4      | -   | 32       | 52.69  | 300      | 87       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 7.1      | -   | 35       | 47.75  | 270      | 79       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 7.9      | -   | 39       | 42.87  | 240      | 71       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 9.2      | -   | 46       | 36.93  | 210      | 61       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.2      | -   | 16       | 105.28 | 200      | 173      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 3.7      | -   | 19       | 90.77  | 200      | 149      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.0      | -   | 20       | 84.61  | 200      | 139      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.6      | -   | 23       | 73.96  | 200      | 122      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.9      | -   | 24       | 69.33  | 200      | 114      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 5.5      | -   | 28       | 61.18  | 200      | 101      | -                                                                                 | R                                                                                  | 37 | D  | 16 | DT   | 71D4      | 30                                                                                  | 423 |
|                      | 6.1      | -   | 30       | 55.76  | 200      | 92       | -                                                                                 | RF                                                                                 | 37 | D  | 16 | DT   | 71D4      | 31                                                                                  | 424 |
|                      | 7.0      | -   | 35       | 48.08  | 200      | 79       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 7.5      | -   | 38       | 44.81  | 200      | 74       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 8.6      | -   | 43       | 39.17  | 200      | 64       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 9.2      | -   | 46       | 36.72  | 200      | 60       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 10       | -   | 52       | 32.40  | 183      | 53       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 12       | -   | 59       | 28.73  | 162      | 47       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.6      | -   | 23       | 74.11  | 130      | 122      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 4.9      | -   | 24       | 69.47  | 130      | 114      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 5.5      | -   | 27       | 61.30  | 130      | 101      | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
|                      | 6.0      | -   | 30       | 55.87  | 130      | 92       | -                                                                                 |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 7.0                  | -        | 35  | 48.17    | 130    | 79       | -        | R                                                                                 | 27                                                                                 | D  | 16 | DT | 71D4 | 25        | 421                                                                                 |     |
| 7.5                  | -        | 38  | 44.90    | 130    | 74       | -        | RF                                                                                | 27                                                                                 | D  | 16 | DT | 71D4 | 25        | 422                                                                                 |     |
| 8.6                  | -        | 43  | 39.25    | 130    | 65       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 9.2                  | -        | 46  | 36.79    | 130    | 61       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 10                   | -        | 52  | 32.47    | 130    | 53       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 12                   | -        | 59  | 28.78    | 130    | 47       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 14                   | -        | 69  | 24.47    | 130    | 40       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 12                   | -        | 59  | 28.37    | 130    | 47       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 13                   | -        | 65  | 26.09    | 130    | 43       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 15                   | -        | 75  | 22.32    | 126    | 37       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 17                   | -        | 87  | 19.35    | 109    | 32       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 19                   | -        | 93  | 18.08    | 102    | 30       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 22                   | -        | 108 | 15.63    | 88     | 26       | -        | R                                                                                 | 27                                                                                 | D  | 16 | DT | 71D4 | 25        | 421                                                                                 |     |
| 25                   | -        | 127 | 13.28*   | 75     | 22       | -        | RF                                                                                | 27                                                                                 | D  | 16 | DT | 71D4 | 25        | 422                                                                                 |     |
| 29                   | -        | 142 | 11.86    | 67     | 20       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 33                   | -        | 166 | 10.13    | 57     | 17       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 36                   | -        | 179 | 9.41     | 53     | 16       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 41                   | -        | 206 | 8.16     | 46     | 13       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 44                   | -        | 221 | 7.63*    | 43     | 13       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |
| 51                   | -        | 255 | 6.59     | 37     | 11       | -        |                                                                                   |                                                                                    |    |    |    |      |           |                                                                                     |     |



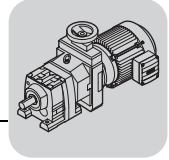
| R = 1:5                                 |                                              |        |                         |                 |   |           |   |    |    |           |     |     |  |
|-----------------------------------------|----------------------------------------------|--------|-------------------------|-----------------|---|-----------|---|----|----|-----------|-----|-----|--|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> - n <sub>a2</sub><br>[1/min] | i      | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub> |   |           |   |    |    | m<br>[kg] |     |     |  |
| 0.37 / 0.30                             | 56 - 277                                     | 6.07   | 34                      | 10              | - | RX 67     | D | 16 | DT | 71D4      | 33  | 411 |  |
|                                         | 65 - 325                                     | 5.18   | 29                      | 8.5             | - | RXF 67    | D | 16 | DT | 71D4      | 37  | 412 |  |
|                                         | 75 - 372                                     | 4.53   | 26                      | 7.5             | - |           |   |    |    |           |     |     |  |
|                                         | 62 - 306                                     | 5.50*  | 31                      | 9.0             | - |           |   |    |    |           |     |     |  |
|                                         | 67 - 332                                     | 5.07   | 29                      | 8.3             | - |           |   |    |    |           |     |     |  |
|                                         | 78 - 387                                     | 4.35   | 25                      | 7.2             | - |           |   |    |    |           |     |     |  |
|                                         | 89 - 444                                     | 3.79   | 21                      | 6.2             | - |           |   |    |    |           |     |     |  |
|                                         | 95 - 474                                     | 3.55*  | 20                      | 5.8             | - |           |   |    |    |           |     |     |  |
|                                         | 108 - 536                                    | 3.14   | 18                      | 5.2             | - |           |   |    |    |           |     |     |  |
|                                         | 116 - 579                                    | 2.91   | 16                      | 4.8             | - | RX 57     | D | 16 | DT | 71D4      | 30  | 409 |  |
|                                         | 128 - 638                                    | 2.64*  | 15                      | 4.3             | - | RXF 57    | D | 16 | DT | 71D4      | 32  | 410 |  |
|                                         | 143 - 710                                    | 2.37   | 13                      | 3.9             | - |           |   |    |    |           |     |     |  |
|                                         | 166 - 825                                    | 2.04   | 12                      | 3.4             | - |           |   |    |    |           |     |     |  |
|                                         | 176 - 877                                    | 1.92*  | 11                      | 3.2             | - |           |   |    |    |           |     |     |  |
|                                         | 205 - 1020                                   | 1.65   | 9.3                     | 2.7             | - |           |   |    |    |           |     |     |  |
|                                         | 229 - 1140                                   | 1.48   | 8.4                     | 2.4             | - |           |   |    |    |           |     |     |  |
|                                         | 260 - 1295                                   | 1.30   | 7.3                     | 2.1             | - |           |   |    |    |           |     |     |  |
| 0.55 / 0.39                             | 0.27 - 1.4                                   | 1228   | 3000                    | 2950            | - |           |   |    |    |           |     |     |  |
|                                         | 0.31 - 1.6                                   | 1069   | 3000                    | 2570            | - |           |   |    |    |           |     |     |  |
|                                         | 0.36 - 1.8                                   | 938    | 3000                    | 2250            | - | R 97 R57  | D | 16 | DT | 80K4      | 140 | -   |  |
|                                         | 0.40 - 2.0                                   | 824    | 3000                    | 1980            | - | RF 97 R57 | D | 16 | DT | 80K4      | 155 | -   |  |
|                                         | 0.45 - 2.2                                   | 737    | 3000                    | 1770            | - |           |   |    |    |           |     |     |  |
|                                         | 0.53 - 2.6                                   | 632    | 3000                    | 1520            | - |           |   |    |    |           |     |     |  |
|                                         | 0.53 - 2.6                                   | 625    | 3000                    | 1520            | - |           |   |    |    |           |     |     |  |
|                                         | 0.61 - 3.0                                   | 549    | 3000                    | 1340            | - |           |   |    |    |           |     |     |  |
|                                         | 0.72 - 3.6                                   | 466    | 3000                    | 1140            | - |           |   |    |    |           |     |     |  |
|                                         | 0.79 - 4.0                                   | 420    | 2950                    | 1020            | - |           |   |    |    |           |     |     |  |
|                                         | 0.90 - 4.5                                   | 370    | 2590                    | 900             | - | R 97 R57  | D | 16 | DT | 80K4      | 135 | -   |  |
|                                         | 0.96 - 4.8                                   | 349    | 2450                    | 850             | - | RF 97 R57 | D | 16 | DT | 80K4      | 155 | -   |  |
|                                         | 1.1 - 5.6                                    | 297    | 2080                    | 725             | - |           |   |    |    |           |     |     |  |
|                                         | 1.2 - 6.2                                    | 270    | 1890                    | 660             | - |           |   |    |    |           |     |     |  |
|                                         | 1.5 - 7.3                                    | 227    | 1590                    | 555             | - |           |   |    |    |           |     |     |  |
|                                         | 0.56 - 2.8                                   | 599    | 1550                    | 1440            | - | R 87 R57  | D | 16 | DT | 80K4      | 99  | -   |  |
|                                         |                                              |        |                         |                 | - | RF 87 R57 | D | 16 | DT | 80K4      | 105 | -   |  |
|                                         | 0.62 - 3.1                                   | 538    | 1550                    | 1310            | - |           |   |    |    |           |     |     |  |
|                                         | 0.71 - 3.5                                   | 472    | 1550                    | 1150            | - |           |   |    |    |           |     |     |  |
|                                         | 0.83 - 4.2                                   | 400    | 1550                    | 980             | - |           |   |    |    |           |     |     |  |
|                                         | 0.92 - 4.6                                   | 361    | 1550                    | 880             | - | R 87 R57  | D | 16 | DT | 80K4      | 98  | -   |  |
|                                         | 1.1 - 5.5                                    | 300    | 1550                    | 730             | - | RF 87 R57 | D | 16 | DT | 80K4      | 105 | -   |  |
|                                         | 1.3 - 6.5                                    | 256    | 1550                    | 625             | - |           |   |    |    |           |     |     |  |
|                                         | 1.4 - 7.2                                    | 232    | 1550                    | 565             | - |           |   |    |    |           |     |     |  |
|                                         | 1.7 - 8.5                                    | 195    | 1370                    | 475             | - |           |   |    |    |           |     |     |  |
|                                         | 1.1 - 5.4                                    | 310    | 820                     | 755             | - |           |   |    |    |           |     |     |  |
|                                         | 1.2 - 6.0                                    | 276    | 820                     | 675             | - | R 77 R37  | D | 16 | DT | 80K4      | 62  | -   |  |
|                                         | 1.4 - 7.0                                    | 236    | 820                     | 575             | - | RF 77 R37 | D | 16 | DT | 80K4      | 67  | -   |  |
|                                         | 1.5 - 7.5                                    | 221    | 820                     | 540             | - |           |   |    |    |           |     |     |  |
|                                         | 1.4 - 7.1                                    | 235    | 600                     | 575             | - | R 67 R37  | D | 16 | DT | 80K4      | 57  | -   |  |
|                                         |                                              |        |                         |                 | - | RF 67 R37 | D | 16 | DT | 80K4      | 60  | -   |  |
| 0.55 / 0.45                             | 1.3 - 6.6                                    | 166.59 | 820                     | 710             | - |           |   |    |    |           |     |     |  |
|                                         | 1.5 - 7.5                                    | 145.67 | 820                     | 620             | - | R 77      | D | 16 | DT | 80N6      | 54  | 431 |  |
|                                         | 1.6 - 7.9                                    | 138.39 | 820                     | 590             | - | RF 77     | D | 16 | DT | 80N6      | 60  | 432 |  |
|                                         | 1.8 - 9.0                                    | 121.42 | 820                     | 520             | - |           |   |    |    |           |     |     |  |
|                                         | 1.6 - 8.0                                    | 137.67 | 600                     | 585             | - |           |   |    |    |           |     |     |  |
|                                         | 1.7 - 8.5                                    | 128.97 | 600                     | 550             | - | R 67      | D | 16 | DT | 80N6      | 49  | 429 |  |
|                                         | 1.9 - 9.6                                    | 113.94 | 600                     | 485             | - | RF 67     | D | 16 | DT | 80N6      | 52  | 430 |  |
|                                         | 1.7 - 8.3                                    | 199.81 | 600                     | 520             | - |           |   |    |    |           |     |     |  |
|                                         | 1.8 - 9.0                                    | 184.07 | 600                     | 475             | - |           |   |    |    |           |     |     |  |
|                                         | 2.1 - 10                                     | 158.14 | 600                     | 410             | - |           |   |    |    |           |     |     |  |
|                                         | 2.4 - 12                                     | 137.67 | 600                     | 355             | - | R 67      | D | 16 | DT | 80K4      | 48  | 429 |  |
|                                         | 2.6 - 13                                     | 128.97 | 600                     | 335             | - | RF 67     | D | 16 | DT | 80K4      | 51  | 430 |  |
|                                         | 2.9 - 15                                     | 113.94 | 600                     | 295             | - |           |   |    |    |           |     |     |  |
|                                         | 3.1 - 16                                     | 105.83 | 600                     | 275             | - |           |   |    |    |           |     |     |  |
|                                         | 3.5 - 17                                     | 95.91  | 600                     | 250             | - |           |   |    |    |           |     |     |  |



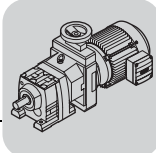
| R = 1:5                                 |                 |   |                 |        |                 |                 |                                                                                   |                                                                                    |    |   |    |    |      |           |                                                                                     |
|-----------------------------------------|-----------------|---|-----------------|--------|-----------------|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----|---|----|----|------|-----------|-------------------------------------------------------------------------------------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> | - | n <sub>a2</sub> | i      | M <sub>a1</sub> | M <sub>a2</sub> |  |  |    |   |    |    |      | m<br>[kg] |  |
|                                         |                 |   |                 |        |                 | [Nm]            |                                                                                   |                                                                                    |    |   |    |    |      |           |                                                                                     |
| 0.55 / 0.45                             | 1.9             | - | 9.6             | 172.17 | 450             | 445             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 2.2             | - | 11              | 147.92 | 450             | 385             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 2.6             | - | 13              | 128.77 | 450             | 335             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 2.8             | - | 14              | 120.63 | 450             | 310             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.1             | - | 16              | 106.58 | 450             | 275             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.4             | - | 17              | 98.99  | 450             | 255             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.7             | - | 19              | 89.71  | 450             | 230             | -                                                                                 | R                                                                                  | 57 | D | 16 | DT | 80K4 | 41        | 427                                                                                 |
|                                         | 4.1             | - | 21              | 80.55  | 450             | 210             | -                                                                                 | RF                                                                                 | 57 | D | 16 | DT | 80K4 | 45        | 428                                                                                 |
|                                         | 4.8             | - | 24              | 69.23  | 450             | 179             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 5.1             | - | 26              | 64.85  | 450             | 168             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 5.8             | - | 29              | 57.29  | 425             | 148             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.3             | - | 31              | 53.22  | 395             | 138             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.9             | - | 34              | 48.23  | 360             | 125             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 7.7             | - | 38              | 43.30  | 325             | 112             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 2.9             | - | 15              | 114.17 | 300             | 295             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.3             | - | 16              | 100.86 | 300             | 260             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.6             | - | 18              | 93.68  | 300             | 245             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 3.9             | - | 20              | 84.90  | 300             | 220             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 4.4             | - | 22              | 76.23  | 300             | 197             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 4.9             | - | 24              | 68.54  | 300             | 178             | -                                                                                 | R                                                                                  | 47 | D | 16 | DT | 80K4 | 36        | 425                                                                                 |
|                                         | 5.2             | - | 26              | 64.21  | 300             | 166             | -                                                                                 | RF                                                                                 | 47 | D | 16 | DT | 80K4 | 36        | 426                                                                                 |
|                                         | 5.9             | - | 29              | 56.73  | 300             | 147             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.3             | - | 31              | 52.69  | 300             | 137             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 7.0             | - | 35              | 47.75  | 300             | 124             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 7.8             | - | 39              | 42.87  | 300             | 111             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 9.0             | - | 45              | 36.93  | 275             | 96              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 9.6             | - | 48              | 34.73  | 260             | 90              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 4.5             | - | 22              | 73.96  | 200             | 192             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 4.8             | - | 24              | 69.33  | 200             | 180             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 5.5             | - | 27              | 61.18  | 200             | 159             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.0             | - | 30              | 55.76  | 200             | 144             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.9             | - | 35              | 48.08  | 200             | 125             | -                                                                                 | R                                                                                  | 37 | D | 16 | DT | 80K4 | 31        | 423                                                                                 |
|                                         | 7.4             | - | 37              | 44.81  | 200             | 116             | -                                                                                 | RF                                                                                 | 37 | D | 16 | DT | 80K4 | 33        | 424                                                                                 |
|                                         | 8.5             | - | 42              | 39.17  | 200             | 102             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 9.1             | - | 45              | 36.72  | 200             | 95              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 10              | - | 51              | 32.40  | 200             | 84              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 12              | - | 59              | 28.32  | 200             | 73              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 13              | - | 64              | 26.03  | 185             | 67              | -                                                                                 | R                                                                                  | 37 | D | 16 | DT | 80K4 | 31        | 423                                                                                 |
|                                         | 15              | - | 75              | 22.27  | 166             | 58              | -                                                                                 | RF                                                                                 | 37 | D | 16 | DT | 80K4 | 33        | 424                                                                                 |
|                                         | 17              | - | 86              | 19.31  | 144             | 50              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 18              | - | 92              | 18.05  | 135             | 47              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 6.9             | - | 34              | 48.17  | 130             | 125             | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 7.4             | - | 37              | 44.90  | 130             | 116             | -                                                                                 | R                                                                                  | 27 | D | 16 | DT | 80K4 | 27        | 421                                                                                 |
|                                         | 8.5             | - | 42              | 39.25  | 130             | 102             | -                                                                                 | RF                                                                                 | 27 | D | 16 | DT | 80K4 | 27        | 422                                                                                 |
|                                         | 9.1             | - | 45              | 36.79  | 130             | 95              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 10              | - | 51              | 32.47  | 130             | 84              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 12              | - | 58              | 28.37  | 130             | 74              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 13              | - | 64              | 26.09  | 130             | 68              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 15              | - | 74              | 22.32  | 130             | 58              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 17              | - | 86              | 19.35  | 130             | 50              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 18              | - | 92              | 18.08  | 130             | 47              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 21              | - | 106             | 15.63  | 116             | 41              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 25              | - | 125             | 13.28* | 99              | 34              | -                                                                                 | R                                                                                  | 27 | D | 16 | DT | 80K4 | 26        | 421                                                                                 |
|                                         | 28              | - | 140             | 11.86  | 88              | 31              | -                                                                                 | RF                                                                                 | 27 | D | 16 | DT | 80K4 | 27        | 422                                                                                 |
|                                         | 33              | - | 164             | 10.13  | 76              | 26              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 35              | - | 176             | 9.41   | 70              | 24              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 41              | - | 203             | 8.16   | 61              | 21              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 44              | - | 217             | 7.63*  | 57              | 20              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 51              | - | 252             | 6.59   | 49              | 17              | -                                                                                 |                                                                                    |    |   |    |    |      |           |                                                                                     |
|                                         | 55              | - | 273             | 6.07   | 43              | 16              | -                                                                                 | RX                                                                                 | 67 | D | 16 | DT | 80K4 | 34        | 411                                                                                 |
|                                         | 64              | - | 320             | 5.18   | 39              | 13              | -                                                                                 | RXF                                                                                | 67 | D | 16 | DT | 80K4 | 38        | 412                                                                                 |



| R = 1:5                                 |                 |   |                 |         |                 |                 |   |   |     |        |   |            |           |
|-----------------------------------------|-----------------|---|-----------------|---------|-----------------|-----------------|---|---|-----|--------|---|------------|-----------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> | - | n <sub>a2</sub> | i       | M <sub>a1</sub> | M <sub>a2</sub> |   |   |     |        |   |            | m<br>[kg] |
| 0.55 / 0.45                             | 61              | - | 302             | 5.50*   | 39              | 14              | - | - |     |        |   |            |           |
|                                         | 66              | - | 327             | 5.07    | 36              | 13              | - | - |     |        |   |            |           |
|                                         | 77              | - | 381             | 4.35    | 32              | 11              | - | - |     |        |   |            |           |
|                                         | 88              | - | 438             | 3.79    | 28              | 9.8             | - | - |     |        |   |            |           |
|                                         | 94              | - | 467             | 3.55*   | 26              | 9.2             | - | - |     |        |   |            |           |
|                                         | 106             | - | 528             | 3.14    | 23              | 8.1             | - | - |     |        |   |            |           |
|                                         | 115             | - | 570             | 2.91    | 22              | 7.5             | - | - | RX  | 57     | D | 16 DT 80K4 | 32 409    |
|                                         | 126             | - | 628             | 2.64*   | 20              | 6.8             | - | - | RXF | 57     | D | 16 DT 80K4 | 34 410    |
|                                         | 141             | - | 700             | 2.37    | 18              | 6.1             | - | - |     |        |   |            |           |
|                                         | 163             | - | 813             | 2.04    | 15              | 5.3             | - | - |     |        |   |            |           |
|                                         | 174             | - | 864             | 1.92*   | 14              | 5.0             | - | - |     |        |   |            |           |
|                                         | 202             | - | 1005            | 1.65    | 12              | 4.3             | - | - |     |        |   |            |           |
|                                         | 225             | - | 1120            | 1.48    | 11              | 3.8             | - | - |     |        |   |            |           |
|                                         | 256             | - | 1275            | 1.30    | 9.7             | 3.4             | - | - |     |        |   |            |           |
|                                         | 279             | - | 1390            | 2.37    | 11              | 2.4             | - | - |     |        |   |            |           |
|                                         | 324             | - | 1615            | 2.04    | 9.1             | 2.1             | - | - |     |        |   |            |           |
|                                         | 345             | - | 1715            | 1.92*   | 8.6             | 1.9             | - | - | RX  | 57     | D | 16 DT 71D2 | 30 409    |
|                                         | 401             | - | 1995            | 1.65    | 7.4             | 1.7             | - | - | RXF | 57     | D | 16 DT 71D2 | 32 410    |
|                                         | 447             | - | 2225            | 1.48    | 6.6             | 1.5             | - | - |     |        |   |            |           |
|                                         | 509             | - | 2535            | 1.30    | 5.8             | 1.3             | - | - |     |        |   |            |           |
| 0.75 / 0.54                             | 0.41            | - | 2.0             | 824     | 3000            | 2730            | - | - | R   | 97 R57 | D | 16 DT 80N4 | 140 -     |
|                                         | 0.46            | - | 2.3             | 737     | 3000            | 2440            | - | - | RF  | 97 R57 | D | 16 DT 80N4 | 155 -     |
|                                         | 0.54            | - | 2.7             | 632     | 3000            | 2090            | - | - |     |        |   |            |           |
|                                         | 0.54            | - | 2.7             | 625     | 3000            | 2100            | - | - |     |        |   |            |           |
|                                         | 0.62            | - | 3.1             | 549     | 3000            | 1850            | - | - |     |        |   |            |           |
|                                         | 0.73            | - | 3.6             | 466     | 3000            | 1570            | - | - |     |        |   |            |           |
|                                         | 0.81            | - | 4.0             | 420     | 2900            | 1410            | - | - |     |        |   |            |           |
|                                         | 0.91            | - | 4.5             | 370     | 2560            | 1240            | - | - | R   | 97 R57 | D | 16 DT 80N4 | 135 -     |
|                                         | 0.97            | - | 4.8             | 349     | 2410            | 1170            | - | - | RF  | 97 R57 | D | 16 DT 80N4 | 155 -     |
|                                         | 1.1             | - | 5.7             | 297     | 2050            | 1000            | - | - |     |        |   |            |           |
|                                         | 1.2             | - | 6.2             | 270     | 1870            | 910             | - | - |     |        |   |            |           |
|                                         | 1.5             | - | 7.4             | 227     | 1570            | 765             | - | - |     |        |   |            |           |
|                                         | 0.85            | - | 4.2             | 400     | 1550            | 1350            | - | - |     |        |   |            |           |
|                                         | 0.94            | - | 4.7             | 361     | 1550            | 1210            | - | - |     |        |   |            |           |
|                                         | 1.1             | - | 5.6             | 300     | 1550            | 1010            | - | - | R   | 87 R57 | D | 16 DT 80N4 | 99 -      |
|                                         | 1.3             | - | 6.6             | 256     | 1550            | 860             | - | - | RF  | 87 R57 | D | 16 DT 80N4 | 105 -     |
|                                         | 1.5             | - | 7.3             | 232     | 1550            | 780             | - | - |     |        |   |            |           |
|                                         | 1.7             | - | 8.6             | 195     | 1350            | 655             | - | - |     |        |   |            |           |
|                                         | 1.4             | - | 7.1             | 236     | 820             | 795             | - | - | R   | 77 R37 | D | 16 DT 80N4 | 63 -      |
|                                         | 1.5             | - | 7.6             | 221     | 820             | 745             | - | - | RF  | 77 R37 | D | 16 DT 80N4 | 69 -      |
| 0.75 / 0.60                             | 1.1             | - | 5.4             | 216.54  | 1550            | 1180            | - | - |     |        |   |            |           |
|                                         | 1.1             | - | 5.7             | 205.71  | 1550            | 1130            | - | - |     |        |   |            |           |
|                                         | 1.3             | - | 6.4             | 181.77  | 1550            | 990             | - | - | R   | 87     | D | 26 DT 90S6 | 99 433    |
|                                         | 1.5             | - | 7.5             | 155.34  | 1550            | 850             | - | - | RF  | 87     | D | 26 DT 90S6 | 105 434   |
|                                         | 1.7             | - | 8.2             | 142.41  | 1550            | 780             | - | - |     |        |   |            |           |
|                                         | 1.9             | - | 9.4             | 124.97  | 1550            | 685             | - | - |     |        |   |            |           |
|                                         | 2.0             | - | 9.9             | 118.43* | 1550            | 650             | - | - |     |        |   |            |           |
|                                         | 1.6             | - | 8.0             | 145.67  | 820             | 795             | - | - |     |        |   |            |           |
|                                         | 1.7             | - | 8.4             | 138.39  | 820             | 755             | - | - | R   | 77     | D | 26 DT 90S6 | 71 431    |
|                                         | 1.9             | - | 9.6             | 121.42  | 820             | 665             | - | - | RF  | 77     | D | 26 DT 90S6 | 76 432    |
|                                         | 2.3             | - | 11              | 102.99  | 820             | 565             | - | - |     |        |   |            |           |
|                                         | 1.7             | - | 8.6             | 195.24* | 820             | 700             | - | - |     |        |   |            |           |
|                                         | 2.0             | - | 10              | 166.59  | 820             | 595             | - | - |     |        |   |            |           |
|                                         | 2.3             | - | 12              | 145.67  | 820             | 520             | - | - | R   | 77     | D | 16 DT 80N4 | 54 431    |
|                                         | 2.4             | - | 12              | 138.39  | 820             | 495             | - | - | RF  | 77     | D | 16 DT 80N4 | 60 432    |
|                                         | 2.8             | - | 14              | 121.42  | 820             | 435             | - | - |     |        |   |            |           |
|                                         | 3.3             | - | 16              | 102.99  | 755             | 370             | - | - |     |        |   |            |           |
|                                         | 2.1             | - | 11              | 158.14  | 600             | 565             | - | - |     |        |   |            |           |
|                                         | 2.5             | - | 12              | 137.67  | 600             | 490             | - | - |     |        |   |            |           |
|                                         | 2.6             | - | 13              | 128.97  | 600             | 460             | - | - | R   | 67     | D | 16 DT 80N4 | 49 429    |
|                                         | 3.0             | - | 15              | 113.94  | 600             | 405             | - | - | RF  | 67     | D | 16 DT 80N4 | 52 430    |
|                                         | 3.2             | - | 16              | 105.83  | 600             | 380             | - | - |     |        |   |            |           |
|                                         | 3.5             | - | 18              | 95.91   | 600             | 345             | - | - |     |        |   |            |           |

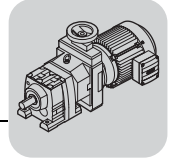


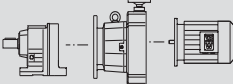
| R = 1:5              |                     |          |        |                  |                  |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
|----------------------|---------------------|----------|--------|------------------|------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|--------|----------|-------------|-------------------------------------------------------------------------------------|----------|------------|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$<br>[1/min] | $n_{a2}$ | $i$    | $M_{a1}$<br>[Nm] | $M_{a2}$<br>[Nm] |  |  |          |        |          | $m$<br>[kg] |  |          |            |
| 0.75 / 0.60          | 2.8                 | - 14     | 120.63 | 450              | 430              | -                                                                                 | R<br>RF                                                                            | 57<br>57 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 43<br>46 | 427<br>428 |
|                      | 3.2                 | - 16     | 106.58 | 450              | 380              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 3.4                 | - 17     | 98.99  | 450              | 355              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 3.8                 | - 19     | 89.71  | 450              | 320              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 4.2                 | - 21     | 80.55  | 450              | 290              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 4.9                 | - 24     | 69.23  | 450              | 245              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 5.2                 | - 26     | 64.85  | 450              | 230              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 5.9                 | - 29     | 57.29  | 420              | 205              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 6.4                 | - 32     | 53.22  | 390              | 190              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 7.0                 | - 35     | 48.23  | 355              | 172              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 7.8                 | - 39     | 43.30  | 320              | 155              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 4.4                 | - 22     | 76.23  | 300              | 270              | -                                                                                 | R<br>RF                                                                            | 47<br>47 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 37<br>38 | 425<br>426 |
|                      | 4.9                 | - 25     | 68.54  | 300              | 245              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 5.3                 | - 26     | 64.21  | 300              | 230              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 6.0                 | - 30     | 56.73  | 300              | 205              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 6.4                 | - 32     | 52.69  | 300              | 188              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 7.1                 | - 35     | 47.75  | 300              | 171              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 7.9                 | - 39     | 42.87  | 300              | 153              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 9.2                 | - 46     | 36.93  | 270              | 132              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 9.7                 | - 48     | 34.73  | 255              | 124              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 6.1                 | - 30     | 55.76  | 200              | 199              | -                                                                                 | R<br>RF                                                                            | 37<br>37 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 33<br>34 | 423<br>424 |
|                      | 7.0                 | - 35     | 48.08  | 200              | 172              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 7.5                 | - 38     | 44.81  | 200              | 160              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 8.6                 | - 43     | 39.17  | 200              | 140              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 9.2                 | - 46     | 36.72  | 200              | 131              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 10                  | - 52     | 32.40  | 200              | 116              | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 12                  | - 59     | 28.32  | 200              | 101              | -                                                                                 | R<br>RF                                                                            | 37<br>37 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 33<br>34 | 423<br>424 |
|                      | 13                  | - 65     | 26.03  | 185              | 93               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 15                  | - 76     | 22.27  | 164              | 80               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 18                  | - 87     | 19.31  | 142              | 69               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 19                  | - 93     | 18.05  | 133              | 65               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 10                  | - 52     | 32.47  | 130              | 116              | -                                                                                 | R<br>RF                                                                            | 27<br>27 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 28<br>29 | 421<br>422 |
|                      | 12                  | - 59     | 28.37  | 130              | 101              | -                                                                                 | R<br>RF                                                                            | 27<br>27 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 28<br>28 | 421<br>422 |
|                      | 13                  | - 65     | 26.09  | 130              | 93               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 15                  | - 75     | 22.32  | 130              | 80               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 17                  | - 87     | 19.35  | 130              | 69               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 19                  | - 93     | 18.08  | 130              | 65               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 22                  | - 108    | 15.63  | 115              | 56               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 25                  | - 127    | 13.28* | 98               | 48               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 29                  | - 142    | 11.86  | 87               | 42               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 33                  | - 166    | 10.13  | 74               | 36               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 36                  | - 179    | 9.41   | 69               | 34               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 41                  | - 206    | 8.16   | 60               | 29               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 44                  | - 221    | 7.63*  | 56               | 27               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 51                  | - 255    | 6.59   | 48               | 24               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 56                  | - 277    | 6.07   | 43               | 22               | -                                                                                 | RX<br>RXF                                                                          | 67<br>67 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 36<br>40 | 411<br>412 |
|                      | 65                  | - 325    | 5.18   | 38               | 19               | -                                                                                 | RX<br>RXF                                                                          | 57<br>57 | D<br>D | 16<br>16 | DT<br>DT    | 80N4<br>80N4                                                                        | 33<br>35 | 409<br>410 |
|                      | 62                  | - 306    | 5.50*  | 39               | 20               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 67                  | - 332    | 5.07   | 36               | 18               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 78                  | - 387    | 4.35   | 32               | 16               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 89                  | - 444    | 3.79   | 28               | 14               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 95                  | - 474    | 3.55*  | 26               | 13               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
|                      | 108                 | - 536    | 3.14   | 23               | 11               | -                                                                                 |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 116                  | - 579               | 2.91     | 21     | 10               | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 128                  | - 638               | 2.64*    | 19     | 9.4              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 143                  | - 710               | 2.37     | 17     | 8.5              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 166                  | - 825               | 2.04     | 15     | 7.3              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 176                  | - 877               | 1.92*    | 14     | 6.9              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 205                  | - 1020              | 1.65     | 12     | 5.9              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 229                  | - 1140              | 1.48     | 11     | 5.3              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |
| 260                  | - 1295              | 1.30     | 9.5    | 4.6              | -                |                                                                                   |                                                                                    |          |        |          |             |                                                                                     |          |            |

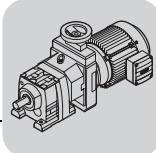


| R = 1:5                                 |                                              |        |                         |                         |   |        |         |    |    |      |           |     |     |
|-----------------------------------------|----------------------------------------------|--------|-------------------------|-------------------------|---|--------|---------|----|----|------|-----------|-----|-----|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> - n <sub>a2</sub><br>[1/min] | i      | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub><br>[Nm] |   |        |         |    |    |      | m<br>[kg] |     |     |
| 0.75 / 0.60                             | 279 - 1390                                   | 2.37   | 12                      | 3.6                     | - |        |         |    |    |      |           |     |     |
|                                         | 324 - 1615                                   | 2.04   | 10                      | 3.1                     | - |        |         |    |    |      |           |     |     |
|                                         | 345 - 1715                                   | 1.92*  | 9.7                     | 3.0                     | - | RX 57  | D       | 16 | DT | 80K2 | 32        | 409 |     |
|                                         | 401 - 1995                                   | 1.65   | 8.3                     | 2.5                     | - | RXF 57 | D       | 16 | DT | 80K2 | 34        | 410 |     |
|                                         | 447 - 2225                                   | 1.48   | 7.5                     | 2.3                     | - |        |         |    |    |      |           |     |     |
|                                         | 509 - 2535                                   | 1.30   | 6.6                     | 2.0                     | - |        |         |    |    |      |           |     |     |
| 1.1 / 0.84                              | 0.19 - 0.93                                  | 1951   | 13000                   | 8830                    | - | R      | 147 R77 | D  | 26 | DT   | 90S4      | 430 | -   |
|                                         |                                              |        |                         |                         |   | RF     | 147 R77 | D  | 26 | DT   | 90S4      | 440 | -   |
|                                         | 0.23 - 1.1                                   | 1598   | 8000                    | 7230                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.26 - 1.3                                   | 1397   | 8000                    | 6320                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.30 - 1.5                                   | 1226   | 8000                    | 5550                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.33 - 1.7                                   | 1090   | 8000                    | 4930                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.38 - 1.9                                   | 951    | 8000                    | 4300                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.44 - 2.2                                   | 831    | 8000                    | 3760                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.50 - 2.5                                   | 730    | 8000                    | 3300                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.58 - 2.9                                   | 629    | 8000                    | 2850                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.65 - 3.2                                   | 560    | 7750                    | 2530                    | - | R      | 137 R77 | D  | 26 | DT   | 90S4      | 305 | -   |
|                                         | 0.74 - 3.7                                   | 490    | 6780                    | 2220                    | - | RF     | 137 R77 | D  | 26 | DT   | 90S4      | 330 | -   |
|                                         | 0.85 - 4.2                                   | 428    | 5930                    | 1940                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.96 - 4.8                                   | 381    | 5270                    | 1720                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.1 - 5.6                                    | 323    | 4470                    | 1460                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.2 - 6.2                                    | 291    | 4030                    | 1320                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.4 - 7.1                                    | 255    | 3530                    | 1150                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.6 - 8.2                                    | 223    | 3090                    | 1010                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.9 - 9.2                                    | 197    | 2730                    | 890                     | - |        |         |    |    |      |           |     |     |
|                                         | 2.1 - 10                                     | 175    | 2420                    | 790                     | - |        |         |    |    |      |           |     |     |
|                                         | 0.39 - 1.9                                   | 939    | 4300                    | 4250                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.44 - 2.2                                   | 822    | 4300                    | 3720                    | - | R      | 107 R77 | D  | 26 | DT   | 90S4      | 225 | -   |
|                                         | 0.59 - 3.0                                   | 614    | 4300                    | 2780                    | - | RF     | 107 R77 | D  | 26 | DT   | 90S4      | 230 | -   |
|                                         | 0.67 - 3.4                                   | 544    | 4300                    | 2460                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.74 - 3.7                                   | 492    | 4300                    | 2230                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.78 - 3.9                                   | 469    | 4300                    | 2150                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.86 - 4.3                                   | 426    | 4300                    | 1960                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.97 - 4.8                                   | 377    | 4300                    | 1730                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.1 - 5.6                                    | 325    | 4300                    | 1490                    | - | R      | 107 R77 | D  | 26 | DT   | 90S4      | 220 | -   |
|                                         | 1.3 - 6.4                                    | 284    | 3990                    | 1300                    | - | RF     | 107 R77 | D  | 26 | DT   | 90S4      | 225 | -   |
|                                         | 1.4 - 7.1                                    | 256    | 3600                    | 1180                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.7 - 8.3                                    | 220    | 3090                    | 1010                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.9 - 9.4                                    | 193    | 2710                    | 890                     | - |        |         |    |    |      |           |     |     |
|                                         | 2.1 - 11                                     | 172    | 2420                    | 790                     | - |        |         |    |    |      |           |     |     |
|                                         | 0.58 - 2.9                                   | 632    | 3000                    | 2860                    | - | R      | 97 R57  | D  | 26 | DT   | 90S4      | 155 | -   |
|                                         |                                              |        |                         |                         |   | RF     | 97 R57  | D  | 26 | DT   | 90S4      | 170 | -   |
|                                         | 0.58 - 2.9                                   | 625    | 3000                    | 2870                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.66 - 3.3                                   | 549    | 3000                    | 2520                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.78 - 3.9                                   | 466    | 3000                    | 2140                    | - |        |         |    |    |      |           |     |     |
|                                         | 0.87 - 4.3                                   | 420    | 3000                    | 1930                    | - | R      | 97 R57  | D  | 26 | DT   | 90S4      | 150 | -   |
|                                         | 0.99 - 4.9                                   | 370    | 3000                    | 1700                    | - | RF     | 97 R57  | D  | 26 | DT   | 90S4      | 170 | -   |
|                                         | 1.0 - 5.2                                    | 349    | 3000                    | 1600                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.2 - 6.1                                    | 297    | 3000                    | 1360                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.4 - 6.7                                    | 270    | 3000                    | 1240                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.6 - 8.0                                    | 227    | 3000                    | 1040                    | - |        |         |    |    |      |           |     |     |
|                                         | 1.2 - 6.1                                    | 300    | 1550                    | 1380                    | - | R      | 87 R57  | D  | 26 | DT   | 90S4      | 115 | -   |
|                                         | 1.4 - 7.1                                    | 256    | 1550                    | 1180                    | - | RF     | 87 R57  | D  | 26 | DT   | 90S4      | 120 | -   |
|                                         | 1.6 - 7.8                                    | 232    | 1550                    | 1070                    | - |        |         |    |    |      |           |     |     |
| 1.1 / 0.90                              | 1.3 - 6.6                                    | 181.77 | 1550                    | 1420                    | - | R      | 87      | D  | 26 | DT   | 90L6      | 100 | 433 |
|                                         | 1.5 - 7.7                                    | 155.34 | 1550                    | 1220                    | - | RF     | 87      | D  | 26 | DT   | 90L6      | 110 | 434 |
|                                         | 1.7 - 8.4                                    | 142.41 | 1550                    | 1110                    | - |        |         |    |    |      |           |     |     |

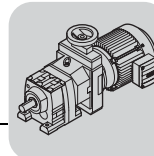


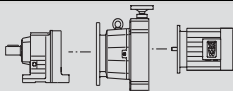


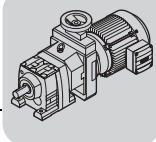
| R = 1:5              |          |     |          |         |          |          |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |
|----------------------|----------|-----|----------|---------|----------|----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----|------------|------------|-----|-----------|-------------------------------------------------------------------------------------|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$ | -   | $n_{a2}$ | i       | $M_{a1}$ | $M_{a2}$ |  |  |    |            |            |     | m<br>[kg] |  |
| 1.1 / 0.90           | 1.7      | -   | 8.4      | 216.54  | 1550     | 1060     | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 1.8      | -   | 8.8      | 205.71  | 1550     | 1000     | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 2.0      | -   | 10       | 181.77  | 1550     | 890      | -                                                                                 | R                                                                                  | 87 | D          | 26 DT 90S4 | 99  | 433       |                                                                                     |
|                      | 2.4      | -   | 12       | 155.34  | 1550     | 760      | -                                                                                 | RF                                                                                 | 87 | D          | 26 DT 90S4 | 105 | 434       |                                                                                     |
|                      | 2.6      | -   | 13       | 142.41  | 1550     | 695      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 2.9      | -   | 15       | 124.97  | 1550     | 610      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.1      | -   | 15       | 118.43* | 1550     | 580      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 2.5      | -   | 12       | 145.67  | 820      | 710      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 2.6      | -   | 13       | 138.39  | 820      | 675      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.0      | -   | 15       | 121.42  | 820      | 595      | -                                                                                 | R                                                                                  | 77 | D          | 26 DT 90S4 | 71  | 431       |                                                                                     |
|                      | 3.5      | -   | 18       | 102.99  | 820      | 505      | -                                                                                 | RF                                                                                 | 77 | D          | 26 DT 90S4 | 76  | 432       |                                                                                     |
|                      | 3.9      | -   | 20       | 92.97   | 820      | 455      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 4.5      | -   | 22       | 81.80   | 820      | 400      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.2      | -   | 16       | 113.94  | 600      | 555      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.4      | -   | 17       | 105.83  | 600      | 515      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.8      | -   | 19       | 95.91   | 600      | 470      | -                                                                                 | R                                                                                  | 67 | D          | 26 DT 90S4 | 65  | 429       |                                                                                     |
|                      | 4.2      | -   | 21       | 86.11   | 600      | 420      | -                                                                                 | RF                                                                                 | 67 | D          | 26 DT 90S4 | 68  | 430       |                                                                                     |
|                      | 4.9      | -   | 25       | 74.17   | 600      | 360      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 5.2      | -   | 26       | 69.75   | 600      | 340      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 3.8      | -   | 19       | 172.17  | 450      | 425      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 4.5      | -   | 22       | 147.92  | 450      | 365      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 5.1      | -   | 26       | 128.77  | 450      | 315      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 5.5      | -   | 27       | 120.63  | 450      | 295      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 6.2      | -   | 31       | 106.58  | 450      | 265      | -                                                                                 | R                                                                                  | 57 | D          | 16 DT 80N2 | 43  | 427       |                                                                                     |
|                      | 6.7      | -   | 33       | 98.99   | 450      | 245      | -                                                                                 | RF                                                                                 | 57 | D          | 16 DT 80N2 | 46  | 428       |                                                                                     |
|                      | 7.4      | -   | 37       | 89.71   | 450      | 220      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 8.2      | -   | 41       | 80.55   | 405      | 199      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 9.6      | -   | 48       | 69.23   | 350      | 171      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 10       | -   | 51       | 64.85   | 330      | 160      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 5.8      | -   | 29       | 114.17  | 300      | 280      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 6.6      | -   | 33       | 100.86  | 300      | 250      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 7.1      | -   | 35       | 93.68   | 300      | 230      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 7.8      | -   | 39       | 84.90   | 300      | 210      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 8.7      | -   | 43       | 76.23   | 300      | 188      | -                                                                                 | R                                                                                  | 47 | D          | 16 DT 80N2 | 37  | 425       |                                                                                     |
|                      | 9.7      | -   | 48       | 68.54   | 300      | 169      | -                                                                                 | RF                                                                                 | 47 | D          | 16 DT 80N2 | 38  | 426       |                                                                                     |
|                      | 10       | -   | 51       | 64.21   | 300      | 158      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 12       | -   | 58       | 56.73   | 285      | 140      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 13       | -   | 63       | 52.69   | 265      | 130      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 14       | -   | 69       | 47.75   | 240      | 118      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 15       | -   | 77       | 42.87   | 215      | 106      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 9.0      | -   | 45       | 73.96   | 200      | 182      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 9.6      | -   | 48       | 69.33   | 200      | 171      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 11       | -   | 54       | 61.18   | 200      | 151      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 12       | -   | 59       | 55.76   | 200      | 137      | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 14       | -   | 69       | 48.08   | 200      | 119      | -                                                                                 | R                                                                                  | 37 | D          | 16 DT 80N2 | 33  | 423       |                                                                                     |
|                      | 15       | -   | 74       | 44.81   | 200      | 110      | -                                                                                 | RF                                                                                 | 37 | D          | 16 DT 80N2 | 34  | 424       |                                                                                     |
|                      | 17       | -   | 84       | 39.17   | 198      | 97       | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
|                      | 18       | -   | 90       | 36.72   | 186      | 91       | -                                                                                 |                                                                                    |    |            |            |     |           |                                                                                     |
| 20                   | -        | 102 | 32.40    | 164     | 80       | -        |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |
| 23                   | -        | 115 | 28.73    | 145     | 71       | -        |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |
| 14                   | -        | 68  | 48.17    | 130     | 119      | -        |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |
| 15                   | -        | 73  | 44.90    | 130     | 111      | -        | R                                                                                 | 27                                                                                 | D  | 16 DT 80N2 | 28         | 421 |           |                                                                                     |
| 17                   | -        | 84  | 39.25    | 130     | 97       | -        | RF                                                                                | 27                                                                                 | D  | 16 DT 80N2 | 29         | 422 |           |                                                                                     |
| 18                   | -        | 90  | 36.79    | 130     | 91       | -        |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |
| 20                   | -        | 101 | 32.47    | 130     | 80       | -        |                                                                                   |                                                                                    |    |            |            |     |           |                                                                                     |



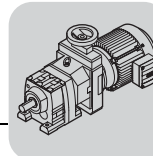
| R = 1:5                                 |                 |   |                 |        |                 |                 |   |     |         |   |       |      |
|-----------------------------------------|-----------------|---|-----------------|--------|-----------------|-----------------|---|-----|---------|---|-------|------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> | - | n <sub>a2</sub> | i      | M <sub>a1</sub> | M <sub>a2</sub> |   |     |         |   |       | m    |
|                                         |                 |   |                 |        |                 |                 |   |     |         |   |       | [kg] |
|                                         |                 |   |                 |        |                 |                 |   |     |         |   |       |      |
| 1.1 / 0.90                              | 23              | - | 116             | 28.37  | 130             | 70              | - |     |         |   |       |      |
|                                         | 25              | - | 126             | 26.09  | 130             | 64              | - |     |         |   |       |      |
|                                         | 30              | - | 148             | 22.32  | 113             | 55              | - |     |         |   |       |      |
|                                         | 34              | - | 170             | 19.35  | 98              | 48              | - |     |         |   |       |      |
|                                         | 37              | - | 182             | 18.08  | 91              | 45              | - |     |         |   |       |      |
|                                         | 42              | - | 211             | 15.63  | 79              | 39              | - |     |         |   |       |      |
|                                         | 50              | - | 248             | 13.28* | 67              | 33              | - | R   | 27      | D | 16 DT | 80N2 |
|                                         | 56              | - | 278             | 11.86  | 60              | 29              | - | RF  | 27      | D | 16 DT | 80N2 |
|                                         | 65              | - | 325             | 10.13  | 51              | 25              | - |     |         |   |       | 28   |
|                                         | 70              | - | 350             | 9.41   | 48              | 23              | - |     |         |   |       | 28   |
|                                         | 81              | - | 404             | 8.16   | 41              | 20              | - |     |         |   |       | 421  |
|                                         | 87              | - | 432             | 7.63*  | 39              | 19              | - |     |         |   |       | 422  |
|                                         | 100             | - | 500             | 6.59   | 33              | 16              | - |     |         |   |       |      |
|                                         | 109             | - | 543             | 6.07   | 31              | 15              | - | RX  | 67      | D | 16 DT | 80N2 |
|                                         | 128             | - | 636             | 5.18   | 26              | 13              | - | RXF | 67      | D | 16 DT | 80N2 |
|                                         |                 |   |                 |        |                 |                 |   |     |         |   |       | 36   |
|                                         | 120             | - | 599             | 5.50*  | 28              | 14              | - |     |         |   |       | 411  |
|                                         | 131             | - | 650             | 5.07   | 26              | 13              | - |     |         |   |       | 412  |
|                                         | 152             | - | 757             | 4.35   | 22              | 11              | - |     |         |   |       |      |
|                                         | 175             | - | 869             | 3.79   | 19              | 9.3             | - |     |         |   |       |      |
|                                         | 186             | - | 928             | 3.55*  | 18              | 8.7             | - |     |         |   |       |      |
|                                         | 211             | - | 1050            | 3.14   | 16              | 7.7             | - |     |         |   |       |      |
|                                         | 227             | - | 1130            | 2.91   | 15              | 7.2             | - | RX  | 57      | D | 16 DT | 80N2 |
|                                         | 251             | - | 1250            | 2.64*  | 13              | 6.5             | - | RXF | 57      | D | 16 DT | 80N2 |
|                                         | 279             | - | 1390            | 2.37   | 12              | 5.8             | - |     |         |   |       | 33   |
|                                         | 324             | - | 1615            | 2.04   | 10              | 5.0             | - |     |         |   |       | 409  |
|                                         | 345             | - | 1715            | 1.92*  | 9.7             | 4.7             | - |     |         |   |       | 410  |
|                                         | 401             | - | 1995            | 1.65   | 8.3             | 4.1             | - |     |         |   |       |      |
|                                         | 447             | - | 2225            | 1.48   | 7.5             | 3.6             | - |     |         |   |       |      |
|                                         | 509             | - | 2535            | 1.30   | 6.6             | 3.2             | - |     |         |   |       |      |
| 1.5 / 1.1                               | 0.24            | - | 1.2             | 1536   | 13000           | 9720            | - | R   | 147 R77 | D | 26 DT | 90L4 |
|                                         |                 |   |                 |        |                 |                 |   | RF  | 147 R77 | D | 26 DT | 90L4 |
|                                         |                 |   |                 |        |                 |                 |   |     |         |   |       | 435  |
|                                         | 0.30            | - | 1.5             | 1226   | 8000            | 7760            | - |     |         |   |       | -    |
|                                         | 0.34            | - | 1.7             | 1090   | 8000            | 6900            | - |     |         |   |       | -    |
|                                         | 0.39            | - | 1.9             | 951    | 8000            | 6020            | - |     |         |   |       | -    |
|                                         | 0.44            | - | 2.2             | 831    | 8000            | 5260            | - |     |         |   |       | -    |
|                                         | 0.50            | - | 2.5             | 730    | 8000            | 4620            | - |     |         |   |       | -    |
|                                         | 0.58            | - | 2.9             | 629    | 8000            | 3980            | - |     |         |   |       | -    |
|                                         | 0.66            | - | 3.3             | 560    | 7700            | 3540            | - |     |         |   |       | -    |
|                                         | 0.75            | - | 3.7             | 490    | 6740            | 3100            | - | R   | 137 R77 | D | 26 DT | 90L4 |
|                                         | 0.86            | - | 4.3             | 428    | 5880            | 2710            | - | RF  | 137 R77 | D | 26 DT | 90L4 |
|                                         | 0.96            | - | 4.8             | 381    | 5240            | 2410            | - |     |         |   |       | 310  |
|                                         | 1.1             | - | 5.7             | 323    | 4440            | 2040            | - |     |         |   |       | 330  |
|                                         | 1.3             | - | 6.3             | 291    | 4000            | 1840            | - |     |         |   |       | -    |
|                                         | 1.4             | - | 7.2             | 255    | 3510            | 1610            | - |     |         |   |       | -    |
|                                         | 1.7             | - | 8.2             | 223    | 3070            | 1410            | - |     |         |   |       | -    |
|                                         | 1.9             | - | 9.3             | 197    | 2710            | 1250            | - |     |         |   |       | -    |
|                                         | 2.1             | - | 10              | 175    | 2410            | 1110            | - |     |         |   |       | -    |
|                                         | 0.60            | - | 3.0             | 614    | 4300            | 3890            | - |     |         |   |       | -    |
|                                         | 0.67            | - | 3.4             | 544    | 4300            | 3440            | - | R   | 107 R77 | D | 26 DT | 90L4 |
|                                         | 0.75            | - | 3.7             | 492    | 4300            | 3110            | - | RF  | 107 R77 | D | 26 DT | 90L4 |
|                                         |                 |   |                 |        |                 |                 |   |     |         |   |       | 225  |
|                                         | 0.78            | - | 3.9             | 469    | 4300            | 3010            | - |     |         |   |       | 235  |
|                                         | 0.86            | - | 4.3             | 426    | 4300            | 2740            | - |     |         |   |       | -    |
|                                         | 0.97            | - | 4.9             | 377    | 4300            | 2420            | - |     |         |   |       | -    |
|                                         | 1.1             | - | 5.6             | 325    | 4300            | 2090            | - |     |         |   |       | -    |
|                                         | 1.3             | - | 6.5             | 284    | 3960            | 1820            | - | R   | 107 R77 | D | 26 DT | 90L4 |
|                                         | 1.4             | - | 7.2             | 256    | 3570            | 1640            | - | RF  | 107 R77 | D | 26 DT | 90L4 |
|                                         | 1.7             | - | 8.3             | 220    | 3070            | 1410            | - |     |         |   |       | 220  |
|                                         | 1.9             | - | 9.5             | 193    | 2690            | 1240            | - |     |         |   |       | 225  |
|                                         | 2.1             | - | 11              | 172    | 2400            | 1110            | - |     |         |   |       | -    |



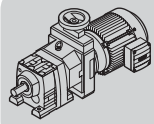
| R = 1:5                                 |                                              |         |                         |                         |                                                                                   |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|-----------------------------------------|----------------------------------------------|---------|-------------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------|--------|----------------|----------------|------------|------------------|-------------------------------------------------------------------------------------|----------------|--------------|----------------|--------------|----------|------------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> - n <sub>a2</sub><br>[1/min] | i       | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub><br>[Nm] |  |  |                  |        |                |                |            | m<br>[kg]        |  |                |              |                |              |          |            |
| 1.5 / 1.1                               | 0.79 - 3.9                                   | 466     | 3000                    | 2990                    | -                                                                                 | R<br>RF                                                                            | 97 R57<br>97 R57 | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 155        | -                |                                                                                     |                |              |                |              |          |            |
|                                         | 0.87 - 4.4                                   | 420     | 3000                    | 2700                    | -                                                                                 |                                                                                    |                  |        |                |                | 170        | -                |                                                                                     |                |              |                |              |          |            |
|                                         | 0.99 - 5.0                                   | 370     | 3000                    | 2380                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.1 - 5.2                                    | 349     | 3000                    | 2240                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.2 - 6.2                                    | 297     | 3000                    | 1910                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.4 - 6.8                                    | 270     | 3000                    | 1730                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.6 - 8.1                                    | 227     | 3000                    | 1460                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.6 - 7.9                                    | 232     | 1550                    | 1490                    | -                                                                                 |                                                                                    |                  |        |                |                | R<br>RF    | 87 R57<br>87 R57 | D<br>D                                                                              | 26 DT<br>26 DT | 90L4<br>90L4 | 115<br>125     | -<br>-       |          |            |
| 1.5 / 1.2                               | 1.4 - 7.2                                    | 150.78  | 3000                    | 1790                    | -                                                                                 | R<br>RF                                                                            | 97<br>97         | D<br>D | 36 DV<br>36 DV | 100M6<br>100M6 | 170<br>185 | 435<br>436       |                                                                                     |                |              |                |              |          |            |
|                                         | 1.7 - 8.7                                    | 124.97  | 1550                    | 1480                    | -                                                                                 | R<br>RF                                                                            | 87<br>87         | D<br>D | 36 DV<br>36 DV | 100M6<br>100M6 | 125<br>130 | 433<br>434       |                                                                                     |                |              |                |              |          |            |
|                                         | 1.8 - 9.2                                    | 118.43* | 1550                    | 1410                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 1.7 - 8.5                                    | 216.54  | 1550                    | 1480                    | -                                                                                 | R<br>RF                                                                            | 87<br>87         | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 100<br>110 | 433<br>434       |                                                                                     |                |              |                |              |          |            |
|                                         | 1.8 - 8.9                                    | 205.71  | 1550                    | 1400                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 2.0 - 10                                     | 181.77  | 1550                    | 1240                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 2.4 - 12                                     | 155.34  | 1550                    | 1060                    | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 2.6 - 13                                     | 142.41  | 1550                    | 970                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 2.9 - 15                                     | 124.97  | 1550                    | 850                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 3.1 - 15                                     | 118.43* | 1550                    | 810                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 3.6 - 18                                     | 102.99  | 820                     | 705                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  | R<br>RF                                                                             | 77<br>77       | D<br>D       | 26 DT<br>26 DT | 90L4<br>90L4 | 73<br>78 | 431<br>432 |
|                                         | 4.0 - 20                                     | 92.97   | 820                     | 635                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 4.3 - 21                                     | 86.11   | 600                     | 590                     | -                                                                                 | R<br>RF                                                                            | 67<br>67         | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 67<br>70   | 429<br>430       |                                                                                     |                |              |                |              |          |            |
|                                         | 5.0 - 25                                     | 74.17   | 600                     | 505                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 5.3 - 26                                     | 69.75   | 600                     | 475                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 6.0 - 30                                     | 61.26   | 600                     | 420                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 6.5 - 32                                     | 56.89   | 600                     | 390                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 5.7 - 28                                     | 64.85   | 450                     | 445                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 6.4 - 32                                     | 57.29   | 450                     | 390                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 6.9 - 34                                     | 53.22   | 450                     | 365                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 7.6 - 38                                     | 48.23   | 450                     | 330                     | -                                                                                 | R<br>RF                                                                            | 57<br>57         | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 60<br>64   | 427<br>428       |                                                                                     |                |              |                |              |          |            |
|                                         | 8.5 - 42                                     | 43.30   | 450                     | 295                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 9.8 - 49                                     | 37.30*  | 450                     | 255                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 10 - 52                                      | 35.07   | 450                     | 240                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 12 - 61                                      | 30.18   | 445                     | 205                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 14 - 70                                      | 26.31   | 390                     | 180                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 15 - 73                                      | 24.99*  | 370                     | 171                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 17 - 84                                      | 21.93   | 325                     | 150                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 8.6 - 43                                     | 42.87   | 300                     | 295                     | -                                                                                 | R<br>RF                                                                            | 47<br>47         | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 55<br>55   | 425<br>426       |                                                                                     |                |              |                |              |          |            |
|                                         | 9.9 - 50                                     | 36.93   | 300                     | 250                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 11 - 53                                      | 34.73   | 300                     | 235                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 12 - 61                                      | 29.88   | 300                     | 205                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 14 - 69                                      | 26.70   | 300                     | 182                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 16 - 79                                      | 23.28   | 300                     | 159                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 17 - 84                                      | 21.81   | 300                     | 149                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 19 - 95                                      | 19.27   | 285                     | 132                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 21 - 102                                     | 17.89   | 265                     | 122                     | -                                                                                 | R<br>RF                                                                            | 47<br>47         | D<br>D | 26 DT<br>26 DT | 90L4<br>90L4   | 54<br>54   | 425<br>426       |                                                                                     |                |              |                |              |          |            |
|                                         | 23 - 113                                     | 16.22   | 240                     | 111                     | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 25 - 126                                     | 14.56   | 215                     | 99                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 29 - 146                                     | 12.54   | 186                     | 86                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 31 - 155                                     | 11.79   | 175                     | 81                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 36 - 181                                     | 10.15   | 151                     | 69                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 40 - 202                                     | 9.07    | 135                     | 62                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 46 - 229                                     | 8.01    | 119                     | 55                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 47 - 236                                     | 7.76*   | 115                     | 53                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 53 - 263                                     | 6.96    | 103                     | 48                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 61 - 306                                     | 6.00    | 89                      | 41                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 65 - 325                                     | 5.64*   | 84                      | 39                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 65 - 326                                     | 5.63    | 84                      | 38                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  | RX<br>RXF                                                                           | 77<br>77       | D<br>D       | 26 DT<br>26 DT | 90L4<br>90L4 | 63<br>65 | 413<br>414 |
|                                         | 69 - 343                                     | 5.35*   | 79                      | 37                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |
|                                         | 78 - 388                                     | 4.73    | 70                      | 32                      | -                                                                                 |                                                                                    |                  |        |                |                |            |                  |                                                                                     |                |              |                |              |          |            |



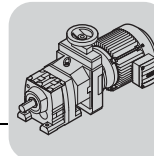
| R = 1:5                                 |                 |   |                 |         |                 |                 |   |     |         |   |    |    |       |         |
|-----------------------------------------|-----------------|---|-----------------|---------|-----------------|-----------------|---|-----|---------|---|----|----|-------|---------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> | - | n <sub>a2</sub> | i       | M <sub>a1</sub> | M <sub>a2</sub> |   |     |         |   |    |    |       | m       |
|                                         | [1/min]         |   |                 |         | [Nm]            |                 |   |     |         |   |    |    | [kg]  |         |
| 1.5 / 1.2                               | 81              | - | 405             | 4.53    | 67              | 31              | - | RX  | 67      | D | 26 | DT | 90L4  | 53 411  |
|                                         | 85              | - | 426             | 4.30*   | 64              | 29              | - | RXF | 67      | D | 26 | DT | 90L4  | 57 412  |
|                                         | 97              | - | 484             | 3.79    | 56              | 26              | - |     |         |   |    |    |       |         |
|                                         | 103             | - | 516             | 3.55*   | 53              | 24              | - |     |         |   |    |    |       |         |
|                                         | 117             | - | 584             | 3.14    | 47              | 21              | - |     |         |   |    |    |       |         |
|                                         | 126             | - | 630             | 2.91    | 43              | 20              | - |     |         |   |    |    |       |         |
|                                         | 139             | - | 694             | 2.64*   | 39              | 18              | - |     |         |   |    |    |       |         |
|                                         | 155             | - | 773             | 2.37    | 35              | 16              | - | RX  | 57      | D | 26 | DT | 90L4  | 51 409  |
|                                         | 180             | - | 899             | 2.04    | 30              | 14              | - | RXF | 57      | D | 26 | DT | 90L4  | 53 410  |
|                                         | 191             | - | 955             | 1.92*   | 29              | 13              | - |     |         |   |    |    |       |         |
|                                         | 223             | - | 1110            | 1.65    | 25              | 11              | - |     |         |   |    |    |       |         |
|                                         | 248             | - | 1240            | 1.48    | 22              | 10              | - |     |         |   |    |    |       |         |
|                                         | 282             | - | 1410            | 1.30    | 19              | 8.9             | - |     |         |   |    |    |       |         |
|                                         | 297             | - | 1480            | 2.37    | 26              | 7.6             | - |     |         |   |    |    |       |         |
|                                         | 345             | - | 1720            | 2.04    | 22              | 6.5             | - |     |         |   |    |    |       |         |
|                                         | 366             | - | 1830            | 1.92*   | 21              | 6.2             | - | RX  | 57      | D | 26 | DT | 90S2  | 48 409  |
|                                         | 426             | - | 2125            | 1.65    | 18              | 5.3             | - | RXF | 57      | D | 26 | DT | 90S2  | 50 410  |
|                                         | 475             | - | 2370            | 1.48    | 16              | 4.8             | - |     |         |   |    |    |       |         |
|                                         | 541             | - | 2700            | 1.30    | 14              | 4.2             | - |     |         |   |    |    |       |         |
| 2.2 / 1.6                               | 0.36            | - | 1.8             | 1029    | 13000           | 9440            | - | R   | 147 R77 | D | 26 | DV | 100M4 | 435 -   |
|                                         |                 |   |                 |         |                 |                 |   | RF  | 147 R77 | D | 26 | DV | 100M4 | 445 -   |
|                                         | 0.44            | - | 2.2             | 831     | 8000            | 7630            | - |     |         |   |    |    |       |         |
|                                         | 0.50            | - | 2.5             | 730     | 8000            | 6700            | - |     |         |   |    |    |       |         |
|                                         | 0.58            | - | 2.9             | 629     | 8000            | 5770            | - |     |         |   |    |    |       |         |
|                                         | 0.66            | - | 3.3             | 560     | 7700            | 5140            | - |     |         |   |    |    |       |         |
|                                         | 0.75            | - | 3.7             | 490     | 6740            | 4500            | - |     |         |   |    |    |       |         |
|                                         | 0.86            | - | 4.3             | 428     | 5880            | 3930            | - |     |         |   |    |    |       |         |
|                                         | 0.96            | - | 4.8             | 381     | 5240            | 3500            | - | R   | 137 R77 | D | 26 | DV | 100M4 | 310 -   |
|                                         | 1.1             | - | 5.7             | 323     | 4440            | 2960            | - | RF  | 137 R77 | D | 26 | DV | 100M4 | 335 -   |
|                                         | 1.3             | - | 6.3             | 291     | 4000            | 2670            | - |     |         |   |    |    |       |         |
|                                         | 1.4             | - | 7.2             | 255     | 3510            | 2340            | - |     |         |   |    |    |       |         |
|                                         | 1.7             | - | 8.2             | 223     | 3070            | 2050            | - |     |         |   |    |    |       |         |
|                                         | 1.9             | - | 9.3             | 197     | 2710            | 1810            | - |     |         |   |    |    |       |         |
|                                         | 2.1             | - | 10              | 175     | 2410            | 1610            | - |     |         |   |    |    |       |         |
|                                         | 0.86            | - | 4.3             | 426     | 4300            | 3970            | - |     |         |   |    |    |       |         |
|                                         | 0.97            | - | 4.9             | 377     | 4300            | 3510            | - |     |         |   |    |    |       |         |
|                                         | 1.1             | - | 5.6             | 325     | 4300            | 3030            | - |     |         |   |    |    |       |         |
|                                         | 1.3             | - | 6.5             | 284     | 3960            | 2650            | - | R   | 107 R77 | D | 26 | DV | 100M4 | 225 -   |
|                                         | 1.4             | - | 7.2             | 256     | 3570            | 2390            | - | RF  | 107 R77 | D | 26 | DV | 100M4 | 230 -   |
|                                         | 1.7             | - | 8.3             | 220     | 3070            | 2050            | - |     |         |   |    |    |       |         |
|                                         | 1.9             | - | 9.5             | 193     | 2690            | 1800            | - |     |         |   |    |    |       |         |
|                                         | 2.1             | - | 11              | 172     | 2400            | 1600            | - |     |         |   |    |    |       |         |
|                                         | 1.2             | - | 6.2             | 297     | 3000            | 2770            | - | R   | 97 R57  | D | 26 | DV | 100M4 | 160 -   |
|                                         | 1.4             | - | 6.8             | 270     | 3000            | 2520            | - | RF  | 97 R57  | D | 26 | DV | 100M4 | 175 -   |
|                                         | 1.6             | - | 8.1             | 227     | 3000            | 2120            | - |     |         |   |    |    |       |         |
| 2.2 / 1.8                               | 1.3             | - | 6.5             | 170.02  | 3000            | 2930            | - |     |         |   |    |    |       |         |
|                                         | 1.5             | - | 7.4             | 150.78  | 3000            | 2600            | - | R   | 97      | D | 36 | DV | 112M6 | 180 435 |
|                                         | 1.7             | - | 8.8             | 126.75  | 3000            | 2180            | - | RF  | 97      | D | 36 | DV | 112M6 | 200 436 |
|                                         | 1.9             | - | 9.5             | 116.48  | 3000            | 2010            | - |     |         |   |    |    |       |         |
|                                         | 2.4             | - | 12              | 155.34  | 1550            | 1540            | - |     |         |   |    |    |       |         |
|                                         | 2.6             | - | 13              | 142.41  | 1550            | 1410            | - |     |         |   |    |    |       |         |
|                                         | 2.9             | - | 15              | 124.97  | 1550            | 1240            | - | R   | 87      | D | 26 | DV | 100M4 | 105 433 |
|                                         | 3.1             | - | 15              | 118.43* | 1550            | 1170            | - | RF  | 87      | D | 26 | DV | 100M4 | 110 434 |
|                                         | 3.5             | - | 18              | 103.65  | 1540            | 1030            | - |     |         |   |    |    |       |         |
|                                         | 4.5             | - | 22              | 81.80   | 820             | 810             | - |     |         |   |    |    |       |         |
|                                         | 4.8             | - | 24              | 77.24   | 820             | 765             | - | R   | 77      | D | 26 | DV | 100M4 | 77 431  |
|                                         | 5.6             | - | 28              | 65.77   | 820             | 650             | - | RF  | 77      | D | 26 | DV | 100M4 | 82 432  |
|                                         | 6.5             | - | 32              | 56.89   | 600             | 565             | - |     |         |   |    |    |       |         |
|                                         | 7.1             | - | 36              | 51.56   | 600             | 510             | - |     |         |   |    |    |       |         |
|                                         | 7.9             | - | 40              | 46.29   | 600             | 460             | - | R   | 67      | D | 26 | DV | 100M4 | 71 429  |
|                                         | 9.2             | - | 46              | 39.88*  | 580             | 395             | - | RF  | 67      | D | 26 | DV | 100M4 | 74 430  |
|                                         | 9.8             | - | 49              | 37.50   | 555             | 370             | - |     |         |   |    |    |       |         |
|                                         | 11              | - | 57              | 32.27   | 480             | 320             | - |     |         |   |    |    |       |         |



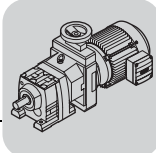
| <b>R = 1:5</b>       |             |   |             |        |          |          |   |            |                |          |              |              |        |
|----------------------|-------------|---|-------------|--------|----------|----------|---|------------|----------------|----------|--------------|--------------|--------|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$    | - | $n_{a2}$    | $i$    | $M_{a1}$ | $M_{a2}$ |   |            |                |          |              | $m$          |        |
|                      |             |   |             |        |          |          |   |            |                |          |              | [kg]         |        |
| <b>2.2 / 1.8</b>     | <b>8.5</b>  | - | <b>42</b>   | 43.30  | 450      | 430      | - |            |                |          |              |              |        |
|                      | <b>9.8</b>  | - | <b>49</b>   | 37.30* | 450      | 370      | - | <b>R</b>   | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 64 427 |
|                      | <b>10</b>   | - | <b>52</b>   | 35.07  | 450      | 345      | - | <b>RF</b>  | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 68 428 |
|                      | <b>12</b>   | - | <b>61</b>   | 30.18  | 445      | 300      | - |            |                |          |              |              |        |
|                      | <b>14</b>   | - | <b>70</b>   | 26.31  | 390      | 260      | - |            |                |          |              |              |        |
|                      | <b>15</b>   | - | <b>73</b>   | 24.99* | 370      | 245      | - | <b>R</b>   | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 63 427 |
|                      | <b>17</b>   | - | <b>84</b>   | 21.93  | 325      | 215      | - | <b>RF</b>  | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 67 428 |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>16</b>   | - | <b>79</b>   | 23.28  | 300      | 230      | - |            |                |          |              |              |        |
|                      | <b>17</b>   | - | <b>84</b>   | 21.81  | 300      | 215      | - |            |                |          |              |              |        |
|                      | <b>19</b>   | - | <b>95</b>   | 19.27  | 285      | 191      | - |            |                |          |              |              |        |
|                      | <b>21</b>   | - | <b>102</b>  | 17.89  | 265      | 177      | - |            |                |          |              |              |        |
|                      | <b>23</b>   | - | <b>113</b>  | 16.22  | 240      | 161      | - |            |                |          |              |              |        |
|                      | <b>25</b>   | - | <b>126</b>  | 14.56  | 215      | 144      | - |            |                |          |              |              |        |
|                      | <b>29</b>   | - | <b>146</b>  | 12.54  | 186      | 124      | - |            |                |          |              |              |        |
|                      | <b>31</b>   | - | <b>155</b>  | 11.79  | 175      | 117      | - | <b>R</b>   | <b>47</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 58 425 |
|                      | <b>36</b>   | - | <b>181</b>  | 10.15  | 151      | 101      | - | <b>RF</b>  | <b>47</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 58 426 |
|                      | <b>40</b>   | - | <b>202</b>  | 9.07   | 135      | 90       | - |            |                |          |              |              |        |
|                      | <b>46</b>   | - | <b>229</b>  | 8.01   | 119      | 79       | - |            |                |          |              |              |        |
|                      | <b>47</b>   | - | <b>236</b>  | 7.76*  | 115      | 77       | - |            |                |          |              |              |        |
|                      | <b>53</b>   | - | <b>263</b>  | 6.96   | 103      | 69       | - |            |                |          |              |              |        |
|                      | <b>61</b>   | - | <b>306</b>  | 6.00   | 89       | 59       | - |            |                |          |              |              |        |
|                      | <b>65</b>   | - | <b>325</b>  | 5.64*  | 84       | 56       | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>65</b>   | - | <b>326</b>  | 5.63   | 84       | 56       | - | <b>RX</b>  | <b>77</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 67 413 |
|                      | <b>69</b>   | - | <b>343</b>  | 5.35*  | 79       | 53       | - | <b>RXF</b> | <b>77</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 69 414 |
|                      | <b>78</b>   | - | <b>388</b>  | 4.73   | 70       | 47       | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>81</b>   | - | <b>405</b>  | 4.53   | 67       | 45       | - | <b>RX</b>  | <b>67</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 57 411 |
|                      | <b>85</b>   | - | <b>426</b>  | 4.30*  | 64       | 43       | - | <b>RXF</b> | <b>67</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 61 412 |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>97</b>   | - | <b>484</b>  | 3.79   | 56       | 38       | - |            |                |          |              |              |        |
|                      | <b>103</b>  | - | <b>516</b>  | 3.55*  | 53       | 35       | - |            |                |          |              |              |        |
|                      | <b>117</b>  | - | <b>584</b>  | 3.14   | 47       | 31       | - |            |                |          |              |              |        |
|                      | <b>126</b>  | - | <b>630</b>  | 2.91   | 43       | 29       | - |            |                |          |              |              |        |
|                      | <b>139</b>  | - | <b>694</b>  | 2.64*  | 39       | 26       | - |            |                |          |              |              |        |
|                      | <b>155</b>  | - | <b>773</b>  | 2.37   | 35       | 24       | - | <b>RX</b>  | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 55 409 |
|                      | <b>180</b>  | - | <b>899</b>  | 2.04   | 30       | 20       | - | <b>RXF</b> | <b>57</b>      | <b>D</b> | <b>26 DV</b> | <b>100M4</b> | 57 410 |
|                      | <b>191</b>  | - | <b>955</b>  | 1.92*  | 29       | 19       | - |            |                |          |              |              |        |
|                      | <b>223</b>  | - | <b>1110</b> | 1.65   | 25       | 16       | - |            |                |          |              |              |        |
|                      | <b>248</b>  | - | <b>1240</b> | 1.48   | 22       | 15       | - |            |                |          |              |              |        |
|                      | <b>282</b>  | - | <b>1410</b> | 1.30   | 19       | 13       | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>300</b>  | - | <b>1495</b> | 2.37   | 27       | 12       | - |            |                |          |              |              |        |
|                      | <b>349</b>  | - | <b>1740</b> | 2.04   | 23       | 9.9      | - |            |                |          |              |              |        |
|                      | <b>370</b>  | - | <b>1850</b> | 1.92*  | 22       | 9.4      | - | <b>RX</b>  | <b>57</b>      | <b>D</b> | <b>26 DT</b> | <b>90L2</b>  | 51 409 |
|                      | <b>431</b>  | - | <b>2150</b> | 1.65   | 19       | 8.0      | - | <b>RXF</b> | <b>57</b>      | <b>D</b> | <b>26 DT</b> | <b>90L2</b>  | 53 410 |
|                      | <b>480</b>  | - | <b>2400</b> | 1.48   | 17       | 7.2      | - |            |                |          |              |              |        |
|                      | <b>547</b>  | - | <b>2730</b> | 1.30   | 15       | 6.3      | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
| <b>3.0 / 2.3</b>     | <b>0.29</b> | - | <b>1.5</b>  | 1123   | 18000    | 15900    | - | <b>R</b>   | <b>167 R97</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 780 -  |
|                      |             |   |             |        |          |          |   | <b>RF</b>  | <b>167 R97</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 790 -  |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>0.37</b> | - | <b>1.9</b>  | 889    | 13000    | 12600    | - |            |                |          |              |              |        |
|                      | <b>0.42</b> | - | <b>2.1</b>  | 784    | 13000    | 11100    | - |            |                |          |              |              |        |
|                      | <b>0.47</b> | - | <b>2.4</b>  | 695    | 13000    | 9830     | - |            |                |          |              |              |        |
|                      | <b>0.53</b> | - | <b>2.7</b>  | 619    | 13000    | 8760     | - | <b>R</b>   | <b>147 R77</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 465 -  |
|                      | <b>0.59</b> | - | <b>3.0</b>  | 558    | 13000    | 7900     | - | <b>RF</b>  | <b>147 R77</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 470 -  |
|                      | <b>0.67</b> | - | <b>3.4</b>  | 489    | 13000    | 6920     | - |            |                |          |              |              |        |
|                      | <b>0.79</b> | - | <b>4.0</b>  | 415    | 13000    | 5870     | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      | <b>0.59</b> | - | <b>3.0</b>  | 560    | 8000     | 7920     | - |            |                |          |              |              |        |
|                      | <b>0.67</b> | - | <b>3.4</b>  | 490    | 8000     | 6930     | - |            |                |          |              |              |        |
|                      | <b>0.77</b> | - | <b>3.9</b>  | 428    | 8000     | 6060     | - |            |                |          |              |              |        |
|                      | <b>0.86</b> | - | <b>4.3</b>  | 381    | 8000     | 5390     | - |            |                |          |              |              |        |
|                      | <b>1.0</b>  | - | <b>5.1</b>  | 323    | 8000     | 4570     | - | <b>R</b>   | <b>137 R77</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 340 -  |
|                      | <b>1.1</b>  | - | <b>5.7</b>  | 291    | 8000     | 4120     | - | <b>RF</b>  | <b>137 R77</b> | <b>D</b> | <b>36 DV</b> | <b>100L4</b> | 360 -  |
|                      | <b>1.3</b>  | - | <b>6.5</b>  | 255    | 8000     | 3610     | - |            |                |          |              |              |        |
|                      | <b>1.5</b>  | - | <b>7.4</b>  | 223    | 8000     | 3160     | - |            |                |          |              |              |        |
|                      | <b>1.7</b>  | - | <b>8.4</b>  | 197    | 7410     | 2790     | - |            |                |          |              |              |        |
|                      | <b>1.9</b>  | - | <b>9.4</b>  | 175    | 6590     | 2480     | - |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |
|                      |             |   |             |        |          |          |   |            |                |          |              |              |        |



| <b>R = 1:5</b>       |                     |                     |        |                  |                  |   |     |         |   |    |    |       |             |
|----------------------|---------------------|---------------------|--------|------------------|------------------|---|-----|---------|---|----|----|-------|-------------|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$<br>[1/min] | $n_{a2}$<br>[1/min] | $i$    | $M_{a1}$<br>[Nm] | $M_{a2}$<br>[Nm] |   |     |         |   |    |    |       | $m$<br>[kg] |
| <b>3.0 / 2.3</b>     | 0.88                | - 4.4               | 376    | 8000             | 5400             | - | R   | 137 R77 | D | 36 | DV | 100L4 | 330         |
|                      | 0.97                | - 4.9               | 339    | 8000             | 4870             | - | RF  | 137 R77 | D | 36 | DV | 100L4 | 350         |
|                      | 1.2                 | - 5.8               | 284    | 4300             | 4080             | - |     |         |   |    |    |       |             |
|                      | 1.3                 | - 6.5               | 256    | 4300             | 3680             | - | R   | 107 R77 | D | 36 | DV | 100L4 | 250         |
|                      | 1.5                 | - 7.5               | 220    | 4300             | 3160             | - | RF  | 107 R77 | D | 36 | DV | 100L4 | 255         |
|                      | 1.7                 | - 8.6               | 193    | 4300             | 2770             | - |     |         |   |    |    |       |             |
|                      | 1.9                 | - 9.6               | 172    | 4300             | 2470             | - |     |         |   |    |    |       |             |
| <b>3.0 / 2.5</b>     | 1.8                 | - 8.9               | 186.30 | 3000             | 2840             | - |     |         |   |    |    |       |             |
|                      | 1.9                 | - 9.7               | 170.02 | 3000             | 2590             | - |     |         |   |    |    |       |             |
|                      | 2.2                 | - 11                | 150.78 | 3000             | 2300             | - | R   | 97      | D | 36 | DV | 100L4 | 170         |
|                      | 2.6                 | - 13                | 126.75 | 3000             | 1930             | - | RF  | 97      | D | 36 | DV | 100L4 | 190         |
|                      | 2.8                 | - 14                | 116.48 | 3000             | 1780             | - |     |         |   |    |    |       |             |
|                      | 3.2                 | - 16                | 103.44 | 3000             | 1580             | - |     |         |   |    |    |       |             |
|                      | 3.5                 | - 18                | 93.38  | 1550             | 1430             | - |     |         |   |    |    |       |             |
|                      | 4.0                 | - 20                | 81.92  | 1550             | 1250             | - | R   | 87      | D | 36 | DV | 100L4 | 125         |
|                      | 4.5                 | - 23                | 72.57  | 1550             | 1110             | - | RF  | 87      | D | 36 | DV | 100L4 | 135         |
|                      | 5.2                 | - 26                | 63.68* | 1550             | 970              | - |     |         |   |    |    |       |             |
|                      | 5.5                 | - 27                | 60.35* | 1550             | 920              | - |     |         |   |    |    |       |             |
|                      | 6.3                 | - 32                | 52.07  | 820              | 795              | - |     |         |   |    |    |       |             |
|                      | 7.2                 | - 36                | 45.81  | 820              | 700              | - |     |         |   |    |    |       |             |
|                      | 7.6                 | - 38                | 43.26  | 820              | 660              | - | R   | 77      | D | 36 | DV | 100L4 | 100         |
|                      | 8.9                 | - 45                | 36.83  | 820              | 560              | - | RF  | 77      | D | 36 | DV | 100L4 | 110         |
|                      | 9.8                 | - 49                | 33.47  | 820              | 510              | - |     |         |   |    |    |       |             |
|                      | 11                  | - 57                | 29.00  | 820              | 445              | - |     |         |   |    |    |       |             |
|                      | 13                  | - 65                | 25.23  | 780              | 385              | - |     |         |   |    |    |       |             |
|                      | 14                  | - 71                | 23.37  | 820              | 355              | - |     |         |   |    |    |       |             |
|                      | 15                  | - 77                | 21.43  | 820              | 325              | - |     |         |   |    |    |       |             |
|                      | 18                  | - 88                | 18.80  | 765              | 285              | - |     |         |   |    |    |       |             |
|                      | 18                  | - 93                | 17.82* | 725              | 270              | - |     |         |   |    |    |       |             |
|                      | 21                  | - 106               | 15.60  | 635              | 240              | - |     |         |   |    |    |       |             |
|                      | 23                  | - 118               | 14.05  | 570              | 215              | - |     |         |   |    |    |       |             |
|                      | 27                  | - 134               | 12.33  | 500              | 188              | - | R   | 77      | D | 36 | DV | 100L4 | 100         |
|                      | 30                  | - 152               | 10.88  | 440              | 166              | - | RF  | 77      | D | 36 | DV | 100L4 | 105         |
|                      | 34                  | - 171               | 9.64   | 390              | 147              | - |     |         |   |    |    |       |             |
|                      | 38                  | - 192               | 8.59   | 350              | 131              | - |     |         |   |    |    |       |             |
|                      | 43                  | - 213               | 7.74   | 315              | 118              | - |     |         |   |    |    |       |             |
|                      | 49                  | - 243               | 6.79   | 275              | 104              | - |     |         |   |    |    |       |             |
|                      | 55                  | - 276               | 5.99*  | 245              | 91               | - |     |         |   |    |    |       |             |
|                      | 62                  | - 311               | 5.31*  | 215              | 81               | - |     |         |   |    |    |       |             |
|                      | 59                  | - 297               | 5.56*  | 225              | 85               | - | RX  | 87      | D | 36 | DV | 100L4 | 105         |
|                      | 65                  | - 326               | 5.07   | 205              | 77               | - | RXF | 87      | D | 36 | DV | 100L4 | 110         |
|                      | 73                  | - 367               | 4.50*  | 183              | 69               | - |     |         |   |    |    |       |             |
|                      | 82                  | - 409               | 4.04*  | 143              | 62               | - |     |         |   |    |    |       |             |
|                      | 89                  | - 446               | 3.70   | 150              | 57               | - |     |         |   |    |    |       |             |
|                      | 101                 | - 508               | 3.25*  | 132              | 50               | - |     |         |   |    |    |       |             |
|                      | 107                 | - 536               | 3.08*  | 125              | 47               | - |     |         |   |    |    |       |             |
|                      | 122                 | - 612               | 2.70   | 110              | 41               | - | RX  | 77      | D | 36 | DV | 100L4 | 92          |
|                      | 136                 | - 680               | 2.43   | 99               | 37               | - | RXF | 77      | D | 36 | DV | 100L4 | 95          |
|                      | 155                 | - 776               | 2.13   | 87               | 33               | - |     |         |   |    |    |       |             |
|                      | 175                 | - 879               | 1.88*  | 76               | 29               | - |     |         |   |    |    |       |             |
|                      | 197                 | - 989               | 1.67   | 68               | 26               | - |     |         |   |    |    |       |             |
|                      | 232                 | - 1165              | 1.42   | 58               | 22               | - |     |         |   |    |    |       |             |
|                      | 244                 | - 1225              | 2.70   | 63               | 19               | - |     |         |   |    |    |       |             |
|                      | 271                 | - 1360              | 2.43   | 56               | 17               | - |     |         |   |    |    |       |             |
|                      | 309                 | - 1550              | 2.13   | 49               | 15               | - | RX  | 77      | D | 36 | DV | 100M2 | 90          |
|                      | 350                 | - 1755              | 1.88*  | 44               | 14               | - | RXF | 77      | D | 36 | DV | 100M2 | 93          |
|                      | 395                 | - 1980              | 1.67   | 39               | 12               | - |     |         |   |    |    |       |             |
|                      | 464                 | - 2325              | 1.42   | 33               | 10               | - |     |         |   |    |    |       |             |
| <b>4.0 / 3.1</b>     | 0.39                | - 1.9               | 861    | 18000            | 16300            | - | R   | 167 R97 | D | 36 | DV | 112M4 | 790         |
|                      | 0.44                | - 2.2               | 760    | 18000            | 14400            | - | RF  | 167 R97 | D | 36 | DV | 112M4 | 800         |

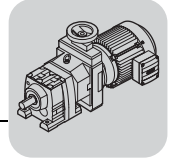


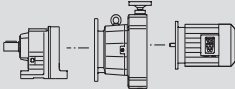
| R = 1:5                                 |                            |                   |        |                         |                 |                                                                                   |                                                                                    |         |         |       |           |                                                                                     |     |
|-----------------------------------------|----------------------------|-------------------|--------|-------------------------|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------|---------|-------|-----------|-------------------------------------------------------------------------------------|-----|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub><br>[1/min] | - n <sub>a2</sub> | i      | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub> |  |  |         |         |       | m<br>[kg] |  |     |
| 4.0 / 3.1                               | 0.54                       | - 2.7             | 619    | 13000                   | 11700           | -                                                                                 | R<br>RF                                                                            | 147 R77 | D       | 36 DV | 112M4     | 470                                                                                 | -   |
|                                         | 0.60                       | - 3.0             | 558    | 13000                   | 10600           | -                                                                                 |                                                                                    | 147 R77 | D       | 36 DV | 112M4     | 480                                                                                 | -   |
|                                         | 0.68                       | - 3.4             | 489    | 13000                   | 9250            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 0.81                       | - 4.0             | 415    | 13000                   | 7850            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 0.88                       | - 4.4             | 381    | 8000                    | 7210            | -                                                                                 | R<br>RF                                                                            | 137 R77 | D       | 36 DV | 112M4     | 345                                                                                 | -   |
|                                         | 1.0                        | - 5.2             | 323    | 8000                    | 6110            | -                                                                                 |                                                                                    | 137 R77 | D       | 36 DV | 112M4     | 370                                                                                 | -   |
|                                         | 1.2                        | - 5.8             | 291    | 8000                    | 5510            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 1.3                        | - 6.6             | 255    | 8000                    | 4820            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 1.5                        | - 7.5             | 223    | 8000                    | 4220            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 1.7                        | - 8.5             | 197    | 7310                    | 3730            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 1.9                        | - 9.6             | 175    | 6490                    | 3310            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 1.1                        | - 5.6             | 297    | 8000                    | 5700            | -                                                                                 |                                                                                    | R<br>RF | 137 R77 | D     | 36 DV     | 112M4                                                                               | 335 |
|                                         |                            |                   |        |                         |                 |                                                                                   |                                                                                    | 137 R77 | D       | 36 DV | 112M4     | 360                                                                                 | -   |
|                                         | 1.5                        | - 7.6             | 220    | 4300                    | 4230            | -                                                                                 | R<br>RF                                                                            | 107 R77 | D       | 36 DV | 112M4     | 260                                                                                 | -   |
|                                         | 1.7                        | - 8.7             | 193    | 4300                    | 3710            | -                                                                                 |                                                                                    | 107 R77 | D       | 36 DV | 112M4     | 265                                                                                 | -   |
| 1.9                                     | - 9.7                      | 172               | 4300   | 3300                    | -               |                                                                                   |                                                                                    |         |         |       |           |                                                                                     |     |
| 4.0 / 3.4                               | 2.6                        | - 13              | 126.75 | 3000                    | 2590            | -                                                                                 | R<br>RF                                                                            | 97      | D       | 36 DV | 112M4     | 180                                                                                 | 435 |
|                                         | 2.9                        | - 14              | 116.48 | 3000                    | 2380            | -                                                                                 |                                                                                    | 97      | D       | 36 DV | 112M4     | 200                                                                                 | 436 |
|                                         | 3.2                        | - 16              | 103.44 | 3000                    | 2110            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 3.6                        | - 18              | 92.48  | 3000                    | 1890            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 4.0                        | - 20              | 83.15  | 3000                    | 1700            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 4.6                        | - 23              | 72.17  | 2890                    | 1470            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 4.6                        | - 23              | 72.57  | 1550                    | 1480            | -                                                                                 | R<br>RF                                                                            | 87      | D       | 36 DV | 112M4     | 135                                                                                 | 433 |
|                                         | 5.2                        | - 26              | 63.68* | 1550                    | 1300            | -                                                                                 |                                                                                    | 87      | D       | 36 DV | 112M4     | 140                                                                                 | 434 |
|                                         | 5.5                        | - 28              | 60.35* | 1550                    | 1230            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 6.3                        | - 32              | 52.82  | 1550                    | 1080            | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 7.0                        | - 35              | 47.58  | 1550                    | 970             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 8.0                        | - 40              | 41.74  | 1550                    | 850             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 9.1                        | - 45              | 36.84* | 1470                    | 750             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 9.7                        | - 49              | 34.40* | 1380                    | 700             | -                                                                                 |                                                                                    | R<br>RF | 87      | D     | 36 DV     | 112M4                                                                               | 135 |
|                                         | 11                         | - 53              | 31.40  | 1260                    | 640             | -                                                                                 | 87                                                                                 |         | D       | 36 DV | 112M4     | 140                                                                                 | 434 |
|                                         | 12                         | - 60              | 27.84* | 1110                    | 570             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 14                         | - 72              | 23.40  | 940                     | 480             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 16                         | - 78              | 21.51  | 860                     | 440             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 17                         | - 88              | 19.10  | 765                     | 390             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 9.1                        | - 46              | 36.83  | 820                     | 750             | -                                                                                 | R<br>RF                                                                            | 77      | D       | 36 DV | 112M4     | 110                                                                                 | 431 |
|                                         | 10                         | - 50              | 33.47  | 820                     | 685             | -                                                                                 |                                                                                    | 77      | D       | 36 DV | 112M4     | 115                                                                                 | 432 |
|                                         | 12                         | - 58              | 29.00  | 820                     | 590             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 13                         | - 66              | 25.23  | 780                     | 515             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 14                         | - 72              | 23.37  | 820                     | 475             | -                                                                                 | R<br>RF                                                                            | 77      | D       | 36 DV | 112M4     | 110                                                                                 | 431 |
|                                         | 16                         | - 78              | 21.43  | 820                     | 435             | -                                                                                 |                                                                                    | 77      | D       | 36 DV | 112M4     | 115                                                                                 | 432 |
|                                         | 18                         | - 89              | 18.80  | 750                     | 385             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 19                         | - 94              | 17.82* | 715                     | 365             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 21                         | - 107             | 15.60  | 625                     | 320             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 24                         | - 119             | 14.05  | 560                     | 285             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 27                         | - 136             | 12.33  | 495                     | 250             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 31                         | - 154             | 10.88  | 435                     | 220             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 35                         | - 174             | 9.64   | 385                     | 197             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 39                         | - 195             | 8.59   | 345                     | 175             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 43                         | - 216             | 7.74   | 310                     | 158             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 49                         | - 247             | 6.79   | 270                     | 139             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 56                         | - 280             | 5.99*  | 240                     | 122             | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |
|                                         | 60                         | - 301             | 5.56*  | 225                     | 113             | -                                                                                 | RX<br>RXF                                                                          | 87      | D       | 36 DV | 112M4     | 115                                                                                 | 415 |
|                                         | 66                         | - 330             | 5.07   | 205                     | 103             | -                                                                                 |                                                                                    | 87      | D       | 36 DV | 112M4     | 120                                                                                 | 416 |
|                                         | 74                         | - 372             | 4.50*  | 180                     | 92              | -                                                                                 |                                                                                    |         |         |       |           |                                                                                     |     |

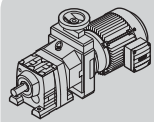


| <b>R = 1:5</b>       |                     |               |        |                  |          |   |                  |          |              |              |            |             |  |
|----------------------|---------------------|---------------|--------|------------------|----------|---|------------------|----------|--------------|--------------|------------|-------------|--|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$<br>[1/min] | $n_{a2}$      | $i$    | $M_{a1}$<br>[Nm] | $M_{a2}$ |   |                  |          |              |              |            | $m$<br>[kg] |  |
| <b>4.0 / 3.4</b>     | <b>83</b>           | - <b>415</b>  | 4.04*  | 143              | 82       | - | <b>RX 77</b>     | <b>D</b> | <b>36 DV</b> | <b>112M4</b> | <b>100</b> | <b>413</b>  |  |
|                      | <b>90</b>           | - <b>453</b>  | 3.70   | 148              | 76       | - |                  |          |              |              |            |             |  |
|                      | <b>103</b>          | - <b>516</b>  | 3.25*  | 130              | 66       | - |                  |          |              |              |            |             |  |
|                      | <b>108</b>          | - <b>544</b>  | 3.08*  | 123              | 63       | - |                  |          |              |              |            |             |  |
|                      | <b>124</b>          | - <b>621</b>  | 2.70   | 108              | 55       | - |                  |          |              |              |            |             |  |
|                      | <b>138</b>          | - <b>690</b>  | 2.43   | 97               | 50       | - |                  |          |              |              |            |             |  |
|                      | <b>157</b>          | - <b>787</b>  | 2.13   | 85               | 44       | - |                  |          |              |              |            |             |  |
|                      | <b>178</b>          | - <b>891</b>  | 1.88*  | 75               | 38       | - |                  |          |              |              |            |             |  |
|                      | <b>200</b>          | - <b>1005</b> | 1.67   | 67               | 34       | - | <b>RXF 77</b>    | <b>D</b> | <b>36 DV</b> | <b>112M4</b> | <b>105</b> | <b>414</b>  |  |
|                      | <b>235</b>          | - <b>1180</b> | 1.42   | 57               | 29       | - |                  |          |              |              |            |             |  |
|                      | <b>249</b>          | - <b>1250</b> | 2.70   | 61               | 26       | - |                  |          |              |              |            |             |  |
|                      | <b>277</b>          | - <b>1390</b> | 2.43   | 55               | 24       | - |                  |          |              |              |            |             |  |
|                      | <b>316</b>          | - <b>1585</b> | 2.13   | 48               | 21       | - |                  |          |              |              |            |             |  |
|                      | <b>358</b>          | - <b>1795</b> | 1.88*  | 43               | 18       | - |                  |          |              |              |            |             |  |
|                      | <b>403</b>          | - <b>2020</b> | 1.67   | 38               | 16       | - |                  |          |              |              |            |             |  |
|                      | <b>474</b>          | - <b>2375</b> | 1.42   | 32               | 14       | - |                  |          |              |              |            |             |  |
| <b>5.5 / 4.2</b>     | <b>0.51</b>         | - <b>2.6</b>  | 656    | 18000            | 17200    | - | <b>R 167 R97</b> | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>800</b> | <b>-</b>    |  |
|                      | <b>0.58</b>         | - <b>2.9</b>  | 579    | 18000            | 15200    | - |                  |          |              |              |            |             |  |
|                      | <b>0.91</b>         | - <b>4.6</b>  | 368    | 13000            | 9660     | - | <b>R 147 R87</b> | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>500</b> | <b>-</b>    |  |
|                      | <b>1.0</b>          | - <b>5.2</b>  | 326    | 12000            | 8550     | - |                  |          |              |              |            |             |  |
|                      | <b>1.2</b>          | - <b>6.0</b>  | 280    | 10300            | 7350     | - |                  |          |              |              |            |             |  |
|                      | <b>1.4</b>          | - <b>6.8</b>  | 247    | 9100             | 6480     | - |                  |          |              |              |            |             |  |
|                      | <b>1.6</b>          | - <b>7.9</b>  | 214    | 7880             | 5620     | - |                  |          |              |              |            |             |  |
|                      | <b>1.8</b>          | - <b>8.9</b>  | 189    | 6960             | 4960     | - |                  |          |              |              |            |             |  |
|                      | <b>2.1</b>          | - <b>11</b>   | 159    | 5860             | 4170     | - | <b>R 147 R77</b> | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>480</b> | <b>-</b>    |  |
|                      | <b>0.69</b>         | - <b>3.5</b>  | 489    | 13000            | 12800    | - |                  |          |              |              |            |             |  |
|                      | <b>0.81</b>         | - <b>4.1</b>  | 415    | 13000            | 10900    | - | <b>R 137 R77</b> | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>355</b> | <b>-</b>    |  |
|                      | <b>1.2</b>          | - <b>5.8</b>  | 291    | 8000             | 7640     | - |                  |          |              |              |            |             |  |
|                      | <b>1.3</b>          | - <b>6.6</b>  | 255    | 8000             | 6690     | - |                  |          |              |              |            |             |  |
|                      | <b>1.5</b>          | - <b>7.6</b>  | 223    | 8000             | 5850     | - |                  |          |              |              |            |             |  |
|                      | <b>1.7</b>          | - <b>8.6</b>  | 197    | 7260             | 5170     | - |                  |          |              |              |            |             |  |
|                      | <b>1.9</b>          | - <b>9.6</b>  | 175    | 6450             | 4590     | - |                  |          |              |              |            |             |  |
| <b>5.5 / 4.6</b>     | <b>3.2</b>          | - <b>16</b>   | 103.44 | 3000             | 2930     | - | <b>R 97</b>      | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>190</b> | <b>435</b>  |  |
|                      | <b>3.6</b>          | - <b>18</b>   | 92.48  | 3000             | 2620     | - |                  |          |              |              |            |             |  |
|                      | <b>4.0</b>          | - <b>20</b>   | 83.15  | 3000             | 2350     | - |                  |          |              |              |            |             |  |
|                      | <b>4.7</b>          | - <b>23</b>   | 72.17  | 2870             | 2040     | - |                  |          |              |              |            |             |  |
|                      | <b>5.2</b>          | - <b>26</b>   | 65.21  | 2590             | 1850     | - |                  |          |              |              |            |             |  |
|                      | <b>5.6</b>          | - <b>28</b>   | 59.92  | 2380             | 1700     | - | <b>R 87</b>      | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>145</b> | <b>433</b>  |  |
|                      | <b>6.3</b>          | - <b>32</b>   | 53.21  | 2110             | 1510     | - |                  |          |              |              |            |             |  |
|                      | <b>7.1</b>          | - <b>35</b>   | 47.58  | 1890             | 1350     | - |                  |          |              |              |            |             |  |
|                      | <b>6.4</b>          | - <b>32</b>   | 52.82  | 1550             | 1490     | - |                  |          |              |              |            |             |  |
|                      | <b>7.1</b>          | - <b>35</b>   | 47.58  | 1550             | 1350     | - |                  |          |              |              |            |             |  |
|                      | <b>8.1</b>          | - <b>40</b>   | 41.74  | 1550             | 1180     | - |                  |          |              |              |            |             |  |
|                      | <b>9.1</b>          | - <b>46</b>   | 36.84* | 1460             | 1040     | - | <b>R 87</b>      | <b>D</b> | <b>36 DV</b> | <b>132S4</b> | <b>140</b> | <b>433</b>  |  |
|                      | <b>9.8</b>          | - <b>49</b>   | 34.40* | 1370             | 970      | - |                  |          |              |              |            |             |  |
|                      | <b>11</b>           | - <b>54</b>   | 31.40  | 1250             | 890      | - |                  |          |              |              |            |             |  |
|                      | <b>12</b>           | - <b>61</b>   | 27.84* | 1110             | 790      | - |                  |          |              |              |            |             |  |
|                      | <b>14</b>           | - <b>72</b>   | 23.40  | 930              | 660      | - |                  |          |              |              |            |             |  |
|                      | <b>16</b>           | - <b>78</b>   | 21.51  | 850              | 610      | - |                  |          |              |              |            |             |  |
|                      | <b>18</b>           | - <b>88</b>   | 19.10  | 760              | 540      | - |                  |          |              |              |            |             |  |

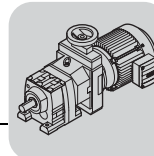




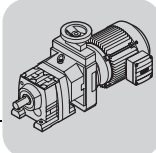
| R = 1:5                                 |                 |   |                 |        |                 |                 |                                                                                   |     |                                                                                    |   |    |    |           |                                                                                     |     |
|-----------------------------------------|-----------------|---|-----------------|--------|-----------------|-----------------|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|---|----|----|-----------|-------------------------------------------------------------------------------------|-----|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub> | - | n <sub>a2</sub> | i      | M <sub>a1</sub> | M <sub>a2</sub> |  |     |  |   |    |    | m<br>[kg] |  |     |
|                                         |                 |   |                 |        | [Nm]            |                 |                                                                                   |     |                                                                                    |   |    |    |           |                                                                                     |     |
| 5.5 / 4.6                               | 14              | - | 72              | 23.37  | 820             | 660             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 16              | - | 79              | 21.43  | 820             | 605             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 18              | - | 90              | 18.80  | 745             | 530             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 19              | - | 95              | 17.82* | 710             | 505             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 22              | - | 108             | 15.60  | 620             | 440             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 24              | - | 120             | 14.05  | 560             | 400             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 27              | - | 137             | 12.33  | 490             | 350             | -                                                                                 | R   | 77                                                                                 | D | 36 | DV | 132S4     | 115                                                                                 | 431 |
|                                         | 31              | - | 155             | 10.88  | 430             | 310             | -                                                                                 | RF  | 77                                                                                 | D | 36 | DV | 132S4     | 125                                                                                 | 432 |
|                                         | 35              | - | 175             | 9.64   | 385             | 275             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 39              | - | 196             | 8.59   | 340             | 245             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 43              | - | 218             | 7.74   | 310             | 220             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 50              | - | 249             | 6.79   | 270             | 192             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 56              | - | 282             | 5.99*  | 240             | 170             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 63              | - | 318             | 5.31*  | 210             | 150             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 61              | - | 303             | 5.56*  | 220             | 157             | -                                                                                 | RX  | 87                                                                                 | D | 36 | DV | 132S4     | 125                                                                                 | 415 |
|                                         | 66              | - | 333             | 5.07   | 200             | 144             | -                                                                                 | RXF | 87                                                                                 | D | 36 | DV | 132S4     | 130                                                                                 | 416 |
|                                         | 75              | - | 375             | 4.50*  | 179             | 127             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 83              | - | 418             | 4.04*  | 143             | 114             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 91              | - | 456             | 3.70   | 147             | 105             | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 104             | - | 519             | 3.25*  | 129             | 92              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 109             | - | 548             | 3.08*  | 122             | 87              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 125             | - | 625             | 2.70   | 107             | 76              | -                                                                                 | RX  | 77                                                                                 | D | 36 | DV | 132S4     | 110                                                                                 | 413 |
|                                         | 138             | - | 694             | 2.43   | 97              | 69              | -                                                                                 | RXF | 77                                                                                 | D | 36 | DV | 132S4     | 110                                                                                 | 414 |
|                                         | 158             | - | 792             | 2.13   | 85              | 60              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 179             | - | 898             | 1.88*  | 75              | 53              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 201             | - | 1010            | 1.67   | 66              | 47              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 237             | - | 1190            | 1.42   | 56              | 40              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 251             | - | 1260            | 2.70   | 61              | 37              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 279             | - | 1400            | 2.43   | 55              | 33              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 318             | - | 1595            | 2.13   | 48              | 29              | -                                                                                 | RX  | 77                                                                                 | D | 36 | DV | 132S2     | 110                                                                                 | 413 |
|                                         | 360             | - | 1810            | 1.88*  | 42              | 26              | -                                                                                 | RXF | 77                                                                                 | D | 36 | DV | 132S2     | 110                                                                                 | 414 |
|                                         | 406             | - | 2035            | 1.67   | 38              | 23              | -                                                                                 |     |                                                                                    |   |    |    |           |                                                                                     |     |
|                                         | 477             | - | 2395            | 1.42   | 32              | 19              | M2                                                                                |     |                                                                                    |   |    |    |           |                                                                                     |     |



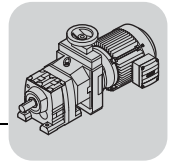
| <b>R = 1:4</b>       |          |   |          |        |          |          |      |     |         |   |       |        |         |
|----------------------|----------|---|----------|--------|----------|----------|------|-----|---------|---|-------|--------|---------|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$ | - | $n_{a2}$ | i      | $M_{a1}$ | $M_{a2}$ |      |     |         |   |       | m      |         |
|                      |          |   |          |        |          |          |      |     |         |   |       | [kg]   |         |
| 7.5 / 5.8            | 0.93     | - | 3.7      | 432    | 18000    | 16200    | -    |     |         |   |       |        |         |
|                      | 1.1      | - | 4.3      | 376    | 18000    | 14100    | -    | R   | 167 R97 | D | 46 DV | 132M4  | 840 -   |
|                      | 1.2      | - | 4.8      | 335    | 18000    | 12600    | -    | RF  | 167 R97 | D | 46 DV | 132M4  | 850 -   |
|                      | 1.3      | - | 5.3      | 303    | 18000    | 11400    | -    |     |         |   |       |        |         |
|                      | 1.4      | - | 5.7      | 279    | 16900    | 10500    | -    |     |         |   |       |        |         |
|                      | 1.2      | - | 4.9      | 326    | 13000    | 12300    | -    |     |         |   |       |        |         |
|                      | 1.4      | - | 5.7      | 280    | 13000    | 10500    | -    |     |         |   |       |        |         |
|                      | 1.6      | - | 6.5      | 247    | 13000    | 9290     | -    | R   | 147 R87 | D | 46 DV | 132M4  | 550 -   |
|                      | 1.9      | - | 7.5      | 214    | 12900    | 8050     | -    | RF  | 147 R87 | D | 46 DV | 132M4  | 560 -   |
|                      | 2.1      | - | 8.5      | 189    | 11400    | 7110     | -    |     |         |   |       |        |         |
|                      | 2.5      | - | 10       | 159    | 9610     | 5980     | -    |     |         |   |       |        |         |
|                      |          |   |          |        |          |          |      |     |         |   |       |        |         |
|                      |          |   |          |        |          |          |      |     |         |   |       |        |         |
|                      |          |   |          |        |          |          |      |     |         |   |       |        |         |
| 7.5 / 6.4            | 3.9      | - | 16       | 102.53 | 4300     | 4160     | -    |     |         |   |       |        |         |
|                      | 4.4      | - | 17       | 92.70  | 4300     | 3760     | -    |     |         |   |       |        |         |
|                      | 5.1      | - | 20       | 78.57  | 4300     | 3190     | -    | R   | 107     | D | 46 DV | 132M4  | 285 437 |
|                      | 5.5      | - | 22       | 72.88  | 4300     | 2960     | -    | RF  | 107     | D | 46 DV | 132M4  | 290 438 |
|                      | 6.1      | - | 24       | 65.60* | 4280     | 2660     | -    |     |         |   |       |        |         |
|                      | 6.8      | - | 27       | 59.41  | 3870     | 2410     | -    |     |         |   |       |        |         |
|                      | 5.6      | - | 22       | 72.17  | 3000     | 2930     | -    |     |         |   |       |        |         |
|                      | 6.2      | - | 25       | 65.21  | 3000     | 2640     | -    |     |         |   |       |        |         |
|                      | 6.7      | - | 27       | 59.92  | 3000     | 2430     | -    |     |         |   |       |        |         |
|                      | 7.6      | - | 30       | 53.21  | 3000     | 2160     | -    | R   | 97      | D | 46 DV | 132M4  | 235 435 |
|                      | 8.5      | - | 34       | 47.58  | 3000     | 1930     | -    | RF  | 97      | D | 46 DV | 132M4  | 250 436 |
|                      | 9.4      | - | 37       | 42.78  | 2790     | 1730     | -    |     |         |   |       |        |         |
|                      | 11       | - | 43       | 37.13  | 2420     | 1510     | -    |     |         |   |       |        |         |
|                      | 12       | - | 48       | 33.25  | 2170     | 1350     | -    |     |         |   |       |        |         |
|                      | 11       | - | 43       | 36.84* | 1550     | 1490     | -    | R   | 87      | D | 46 DV | 132M4  | 190 433 |
|                      | 12       | - | 49       | 32.66* | 1550     | 1320     | -    | RF  | 87      | D | 46 DV | 132M4  | 200 434 |
|                      | 14       | - | 58       | 27.84* | 1550     | 1130     | -    |     |         |   |       |        |         |
|                      | 17       | - | 68       | 23.40  | 1530     | 950      | -    |     |         |   |       |        |         |
|                      | 19       | - | 74       | 21.51  | 1400     | 870      | -    |     |         |   |       |        |         |
|                      | 21       | - | 84       | 19.10  | 1250     | 775      | -    |     |         |   |       |        |         |
|                      | 24       | - | 94       | 17.08* | 1110     | 695      | -    |     |         |   |       |        |         |
|                      | 26       | - | 104      | 15.35  | 1000     | 620      | -    | R   | 87      | D | 46 DV | 132M4  | 190 433 |
|                      | 30       | - | 120      | 13.33  | 870      | 540      | -    | RF  | 87      | D | 46 DV | 132M4  | 195 434 |
|                      | 34       | - | 134      | 11.93  | 780      | 485      | -    |     |         |   |       |        |         |
|                      | 41       | - | 162      | 9.90*  | 645      | 400      | -    |     |         |   |       |        |         |
|                      | 44       | - | 175      | 9.14*  | 595      | 370      | -    |     |         |   |       |        |         |
|                      | 49       | - | 195      | 8.22   | 535      | 335      | -    |     |         |   |       |        |         |
|                      | 57       | - | 225      | 7.13   | 465      | 290      | -    |     |         |   |       |        |         |
|                      | 61       | - | 242      | 6.63*  | 430      | 270      | -    | RX  | 107     | D | 46 DV | 132M4  | 225 419 |
|                      | 72       | - | 285      | 5.61   | 365      | 230      | -    | RXF | 107     | D | 46 DV | 132M4  | 240 420 |
|                      | 70       | - | 277      | 5.79   | 380      | 235      | -    |     |         |   |       |        |         |
|                      | 82       | - | 326      | 4.91   | 320      | 199      | -    | RX  | 97      | D | 46 DV | 132M4  | 195 417 |
|                      | 89       | - | 354      | 4.52   | 295      | 183      | -    | RXF | 97      | D | 46 DV | 132M4  | 205 418 |
|                      | 90       | - | 356      | 4.50*  | 290      | 183      | -    |     |         |   |       |        |         |
|                      | 107      | - | 424      | 3.78   | 245      | 153      | -    |     |         |   |       |        |         |
|                      | 116      | - | 460      | 3.48   | 225      | 141      | -    |     |         |   |       |        |         |
|                      | 130      | - | 518      | 3.09   | 200      | 125      | -    |     |         |   |       |        |         |
|                      | 146      | - | 580      | 2.76*  | 180      | 112      | -    | RX  | 87      | D | 46 DV | 132M4  | 170 415 |
|                      | 162      | - | 646      | 2.48   | 162      | 101      | -    | RXF | 87      | D | 46 DV | 132M4  | 175 416 |
|                      | 187      | - | 745      | 2.15   | 140      | 87       | -    |     |         |   |       |        |         |
|                      | 209      | - | 830      | 1.93   | 126      | 78       | -    |     |         |   |       |        |         |
|                      | 252      | - | 1000     | 1.60*  | 104      | 65       | -    |     |         |   |       |        |         |
|                      | 290      | - | 1150     | 1.39   | 91       | 56       | -    |     |         |   |       |        |         |
|                      | 329      | - | 1310     | 2.48   | 110      | 49       | -    |     |         |   |       |        |         |
|                      | 380      | - | 1510     | 2.15   | 96       | 42       | -    |     |         |   |       |        |         |
|                      | 423      | - | 1685     | 1.93   | 86       | 38       | M2   | RX  | 87      | D | 46 DV | 132M2  | 170 415 |
|                      | 511      | - | 2030     | 1.60*  | 71       | 32       | M2   | RXF | 87      | D | 46 DV | 132M2  | 175 416 |
|                      | 588      | - | 2335     | 1.39   | 62       | 27       | M2,4 |     |         |   |       |        |         |
| 9.2 / 7.2            | 1.1      | - | 4.3      | 376    | 18000    | 17200    | -    |     |         |   |       |        |         |
|                      | 1.2      | - | 4.8      | 335    | 18000    | 15400    | -    | R   | 167 R97 | D | 46 DV | 132ML4 | 850 -   |
|                      | 1.3      | - | 5.3      | 303    | 18000    | 13900    | -    | RF  | 167 R97 | D | 46 DV | 132ML4 | 860 -   |
|                      | 1.4      | - | 5.8      | 279    | 16700    | 12800    | -    |     |         |   |       |        |         |



| <b>R = 1:4</b>       |                     |          |        |                  |          |      |            |         |   |       |             |     |     |
|----------------------|---------------------|----------|--------|------------------|----------|------|------------|---------|---|-------|-------------|-----|-----|
| $P_m/P_{a2}$<br>[kW] | $n_{a1}$<br>[1/min] | $n_{a2}$ | $i$    | $M_{a1}$<br>[Nm] | $M_{a2}$ |      |            |         |   |       | $m$<br>[kg] |     |     |
| <b>9.2 / 7.2</b>     | 1.4                 | - 5.8    | 280    | 13000            | 12800    | -    | <b>R</b>   | 147 R87 | D | 46 DV | 132ML4      | 560 | -   |
|                      | 1.6                 | - 6.5    | 247    | 13000            | 11300    | -    |            |         |   |       |             | 570 | -   |
|                      | 1.9                 | - 7.5    | 214    | 12800            | 9810     | -    |            |         |   |       |             | -   | -   |
|                      | 2.1                 | - 8.5    | 189    | 11300            | 8660     | -    |            |         |   |       |             | -   | -   |
|                      | 2.6                 | - 10     | 159    | 9550             | 7290     | -    |            |         |   |       |             | -   | -   |
| <b>9.2 / 7.7</b>     | 5.2                 | - 21     | 78.57  | 4300             | 3880     | -    | <b>R</b>   | 107     | D | 46 DV | 132ML4      | 295 | 437 |
|                      | 5.6                 | - 22     | 72.88  | 4300             | 3600     | -    |            |         |   |       |             | 305 | 438 |
|                      | 6.2                 | - 25     | 65.60* | 4250             | 3240     | -    |            |         |   |       |             | -   | -   |
|                      | 6.8                 | - 27     | 59.41  | 3850             | 2940     | -    | <b>RF</b>  | 107     | D | 46 DV | 132ML4      | -   | -   |
|                      | 7.7                 | - 31     | 52.68  | 3410             | 2600     | -    |            |         |   |       |             | -   | -   |
|                      | 6.8                 | - 27     | 59.92  | 3000             | 2960     | -    |            |         |   |       |             | -   | -   |
|                      | 7.6                 | - 30     | 53.21  | 3000             | 2630     | -    | <b>R</b>   | 97      | D | 46 DV | 132ML4      | 245 | 435 |
|                      | 8.5                 | - 34     | 47.58  | 3000             | 2350     | -    |            |         |   |       |             | 260 | 436 |
|                      | 9.5                 | - 38     | 42.78  | 2770             | 2120     | -    |            |         |   |       |             | -   | -   |
|                      | 11                  | - 43     | 37.13  | 2400             | 1840     | -    | <b>RF</b>  | 97      | D | 46 DV | 132ML4      | -   | -   |
|                      | 12                  | - 49     | 33.25  | 2150             | 1640     | -    |            |         |   |       |             | -   | -   |
|                      | 15                  | - 58     | 27.58  | 1790             | 1360     | -    |            |         |   |       |             | -   | -   |
|                      | 13                  | - 50     | 32.05  | 2080             | 1580     | -    | <b>R</b>   | 97      | D | 46 DV | 132ML4      | 240 | 435 |
|                      | 15                  | - 59     | 27.19  | 1760             | 1340     | -    |            |         |   |       |             | 260 | 436 |
|                      | 16                  | - 64     | 25.03  | 1620             | 1240     | -    |            |         |   |       |             | -   | -   |
|                      | 18                  | - 72     | 22.37  | 1450             | 1110     | -    | <b>RF</b>  | 97      | D | 46 DV | 132ML4      | -   | -   |
|                      | 15                  | - 58     | 27.88  | 1500             | 1380     | -    |            |         |   |       |             | 200 | 433 |
|                      | 15                  | - 58     | 27.84* | 1550             | 1380     | -    |            |         |   |       |             | 210 | 434 |
|                      | 17                  | - 69     | 23.40  | 1520             | 1160     | -    | <b>R</b>   | 87      | D | 46 DV | 132ML4      | 200 | 433 |
|                      | 19                  | - 75     | 21.51  | 1390             | 1060     | -    |            |         |   |       |             | 205 | 434 |
|                      | 21                  | - 84     | 19.10  | 1240             | 940      | -    |            |         |   |       |             | -   | -   |
|                      | 24                  | - 94     | 17.08* | 1110             | 840      | -    | <b>RF</b>  | 87      | D | 46 DV | 132ML4      | -   | -   |
|                      | 26                  | - 105    | 15.35  | 990              | 760      | -    |            |         |   |       |             | -   | -   |
|                      | 30                  | - 121    | 13.33  | 860              | 660      | -    |            |         |   |       |             | -   | -   |
|                      | 34                  | - 135    | 11.93  | 770              | 590      | -    | <b>R</b>   | 87      | D | 46 DV | 132ML4      | 200 | 433 |
|                      | 41                  | - 163    | 9.90*  | 640              | 490      | -    |            |         |   |       |             | 205 | 434 |
|                      | 44                  | - 176    | 9.14*  | 590              | 450      | -    |            |         |   |       |             | -   | -   |
|                      | 49                  | - 196    | 8.22   | 530              | 405      | -    | <b>RF</b>  | 87      | D | 46 DV | 132ML4      | -   | -   |
|                      | 57                  | - 226    | 7.13   | 460              | 355      | -    |            |         |   |       |             | -   | -   |
|                      | 63                  | - 252    | 6.39   | 415              | 315      | -    |            |         |   |       |             | -   | -   |
|                      | 77                  | - 304    | 5.30*  | 345              | 260      | -    | <b>R</b>   | 87      | D | 46 DV | 132ML4      | -   | -   |
|                      | 61                  | - 243    | 6.63*  | 430              | 330      | -    |            |         |   |       |             | -   | -   |
|                      | 72                  | - 287    | 5.61   | 365              | 275      | -    |            |         |   |       |             | -   | -   |
|                      | 70                  | - 279    | 5.79   | 375              | 285      | -    | <b>RX</b>  | 97      | D | 46 DV | 132ML4      | 205 | 417 |
|                      | 83                  | - 328    | 4.91   | 320              | 245      | -    |            |         |   |       |             | 215 | 418 |
|                      | 90                  | - 357    | 4.52   | 295              | 225      | -    |            |         |   |       |             | -   | -   |
|                      | 147                 | - 584    | 2.76*  | 179              | 137      | -    | <b>RX</b>  | 87      | D | 46 DV | 132ML4      | 180 | 415 |
|                      | 164                 | - 650    | 2.48   | 161              | 123      | -    |            |         |   |       |             | 185 | 416 |
|                      | 189                 | - 750    | 2.15   | 139              | 106      | -    |            |         |   |       |             | -   | -   |
|                      | 210                 | - 836    | 1.93   | 125              | 95       | -    | <b>RXF</b> | 87      | D | 46 DV | 132ML4      | -   | -   |
|                      | 254                 | - 1010   | 1.60*  | 104              | 79       | -    |            |         |   |       |             | -   | -   |
|                      | 292                 | - 1160   | 1.39   | 90               | 69       | -    |            |         |   |       |             | -   | -   |
|                      | 181                 | - 719    | 4.50*  | 200              | 109      | -    | <b>RX</b>  | 87      | D | 46 DV | 132ML2      | 180 | 415 |
|                      | 215                 | - 856    | 3.78   | 169              | 92       | -    |            |         |   |       |             | 185 | 416 |
|                      | 234                 | - 930    | 3.48   | 155              | 84       | -    |            |         |   |       |             | -   | -   |
|                      | 263                 | - 1050   | 3.09   | 138              | 75       | -    | <b>RXF</b> | 87      | D | 46 DV | 132ML2      | -   | -   |
|                      | 295                 | - 1175   | 2.76*  | 123              | 67       | -    |            |         |   |       |             | -   | -   |
|                      | 328                 | - 1305   | 2.48   | 111              | 60       | -    |            |         |   |       |             | -   | -   |
|                      | 379                 | - 1505   | 2.15   | 96               | 52       | M2   | <b>RX</b>  | 87      | D | 46 DV | 132ML2      | -   | -   |
|                      | 422                 | - 1675   | 1.93   | 86               | 47       | M2   |            |         |   |       |             | -   | -   |
|                      | 509                 | - 2025   | 1.60*  | 71               | 39       | M2   |            |         |   |       |             | -   | -   |
|                      | 586                 | - 2330   | 1.39   | 62               | 34       | M2,4 | <b>R</b>   | 167 R97 | D | 46 DV | 160M4       | 860 | -   |
| <b>11.0 / 8.4</b>    | 1.3                 | - 5.3    | 303    | 18000            | 16600    | -    |            |         |   |       |             | 870 | -   |
|                      | 1.4                 | - 5.8    | 279    | 16700            | 15300    | -    |            |         |   |       |             | -   | -   |



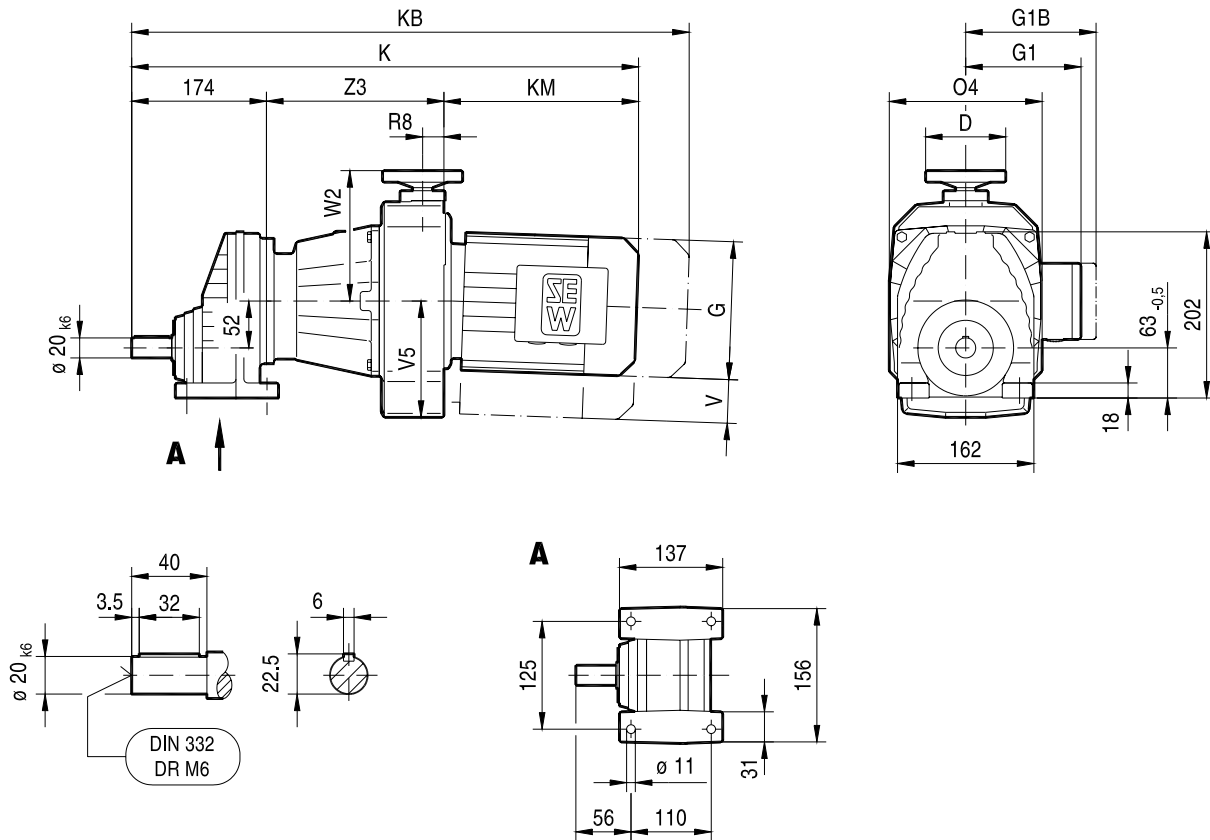
| R = 1:4                                 |                            |      |                 |        |                         |                 |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|-----------------------------------------|----------------------------|------|-----------------|--------|-------------------------|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------|----------------|----------------|----------------|-----|-----------|-------------------------------------------------------------------------------------|
| P <sub>m</sub> /P <sub>a2</sub><br>[kW] | n <sub>a1</sub><br>[1/min] | -    | n <sub>a2</sub> | i      | M <sub>a1</sub><br>[Nm] | M <sub>a2</sub> |  |  |                    |                |                |                |     | m<br>[kg] |  |
| 11.0 / 8.4                              | 1.9                        | -    | 7.5             | 214    | 12800                   | 11700           | -                                                                                 | R<br>RF                                                                            | 147 R87<br>147 R87 | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 570 | -         |                                                                                     |
|                                         | 2.1                        | -    | 8.5             | 189    | 11300                   | 10400           | -                                                                                 |                                                                                    |                    |                |                |                | 580 | -         |                                                                                     |
|                                         | 2.6                        | -    | 10              | 159    | 9550                    | 8730            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 11.0 / 9.2                              | 6.2                        | -    | 25              | 65.60* | 4250                    | 3880            | -                                                                                 | R<br>RF                                                                            | 107<br>107         | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 305 | 437       |                                                                                     |
|                                         | 6.8                        | -    | 27              | 59.41  | 3850                    | 3520            | -                                                                                 |                                                                                    |                    |                |                |                | 310 | 438       |                                                                                     |
|                                         | 7.7                        | -    | 31              | 52.68  | 3410                    | 3120            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 8.5                        | -    | 34              | 47.63  | 3080                    | 2820            | -                                                                                 | R<br>RF                                                                            | 97<br>97           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 250 | 435       |                                                                                     |
|                                         | 10                         | -    | 40              | 40.37* | 2610                    | 2390            | -                                                                                 |                                                                                    |                    |                |                |                | 270 | 436       |                                                                                     |
|                                         | 12                         | -    | 46              | 35.26  | 2280                    | 2090            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 8.5                        | -    | 34              | 47.58  | 3000                    | 2820            | -                                                                                 | R<br>RF                                                                            | 97<br>97           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 250 | 435       |                                                                                     |
|                                         | 9.5                        | -    | 38              | 42.78  | 2770                    | 2530            | -                                                                                 |                                                                                    |                    |                |                |                | 270 | 436       |                                                                                     |
|                                         | 11                         | -    | 43              | 37.13  | 2400                    | 2200            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 12                         | -    | 49              | 33.25  | 2150                    | 1970            | -                                                                                 | R<br>RF                                                                            | 97<br>97           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 250 | 435       |                                                                                     |
|                                         | 15                         | -    | 58              | 27.58  | 1790                    | 1630            | -                                                                                 |                                                                                    |                    |                |                |                | 265 | 436       |                                                                                     |
|                                         | 13                         | -    | 50              | 32.05  | 2080                    | 1900            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 15                         | -    | 59              | 27.19  | 1760                    | 1610            | -                                                                                 | R<br>RF                                                                            | 97<br>97           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 250 | 435       |                                                                                     |
|                                         | 16                         | -    | 64              | 25.03  | 1620                    | 1480            | -                                                                                 |                                                                                    |                    |                |                |                | 265 | 436       |                                                                                     |
|                                         | 18                         | -    | 72              | 22.37  | 1450                    | 1320            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 20                         | -    | 80              | 20.14  | 1300                    | 1190            | -                                                                                 | R<br>RF                                                                            | 87<br>87           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 205 | 433       |                                                                                     |
|                                         | 22                         | -    | 88              | 18.24  | 1180                    | 1080            | -                                                                                 |                                                                                    |                    |                |                |                | 215 | 434       |                                                                                     |
|                                         | 21                         | -    | 84              | 19.10  | 1240                    | 1130            | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 24                         | -    | 94              | 17.08* | 1110                    | 1010            | -                                                                                 | R<br>RF                                                                            | 87<br>87           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 205 | 433       |                                                                                     |
|                                         | 26                         | -    | 105             | 15.35  | 990                     | 910             | -                                                                                 |                                                                                    |                    |                |                |                | 215 | 434       |                                                                                     |
|                                         | 30                         | -    | 121             | 13.33  | 860                     | 790             | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 34                         | -    | 135             | 11.93  | 770                     | 705             | -                                                                                 | R<br>RF                                                                            | 87<br>87           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 205 | 433       |                                                                                     |
|                                         | 41                         | -    | 163             | 9.90*  | 640                     | 585             | -                                                                                 |                                                                                    |                    |                |                |                | 215 | 434       |                                                                                     |
|                                         | 44                         | -    | 176             | 9.14*  | 590                     | 540             | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 49                         | -    | 196             | 8.22   | 530                     | 485             | -                                                                                 | R<br>RF                                                                            | 87<br>87           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 205 | 433       |                                                                                     |
|                                         | 57                         | -    | 226             | 7.13   | 460                     | 420             | -                                                                                 |                                                                                    |                    |                |                |                | 215 | 434       |                                                                                     |
|                                         | 63                         | -    | 252             | 6.39   | 415                     | 380             | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
|                                         | 77                         | -    | 304             | 5.30*  | 345                     | 315             | -                                                                                 | R<br>RF                                                                            | 87<br>87           | D<br>D         | 46 DV<br>46 DV | 160M4<br>160M4 | 205 | 433       |                                                                                     |
|                                         | 61                         | -    | 243             | 6.63*  | 430                     | 395             | -                                                                                 |                                                                                    |                    |                |                |                | 215 | 434       |                                                                                     |
|                                         | 72                         | -    | 287             | 5.61   | 365                     | 330             | -                                                                                 |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 70                                      | -                          | 279  | 5.79            | 375    | 345                     | -               | RX<br>RXF                                                                         | 107<br>107                                                                         | D<br>D             | 46 DV<br>46 DV | 160M4<br>160M4 | 240            | 419 |           |                                                                                     |
| 83                                      | -                          | 328  | 4.91            | 320    | 290                     | -               |                                                                                   |                                                                                    |                    |                |                | 260            | 420 |           |                                                                                     |
| 90                                      | -                          | 357  | 4.52            | 295    | 270                     | -               |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 100                                     | -                          | 399  | 4.04            | 260    | 240                     | -               | RX<br>RXF                                                                         | 97<br>97                                                                           | D<br>D             | 46 DV<br>46 DV | 160M4<br>160M4 | 215            | 417 |           |                                                                                     |
| 111                                     | -                          | 443  | 3.64*           | 235    | 215                     | -               |                                                                                   |                                                                                    |                    |                |                | 220            | 418 |           |                                                                                     |
| 123                                     | -                          | 489  | 3.30            | 215    | 195                     | -               |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 139                                     | -                          | 552  | 2.92            | 189    | 173                     | -               | RX<br>RXF                                                                         | 87<br>87                                                                           | D<br>D             | 46 DV<br>46 DV | 160M4<br>160M4 | 190            | 415 |           |                                                                                     |
| 147                                     | -                          | 584  | 2.76*           | 179    | 163                     | -               |                                                                                   |                                                                                    |                    |                |                | 195            | 416 |           |                                                                                     |
| 164                                     | -                          | 650  | 2.48            | 161    | 147                     | -               |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 189                                     | -                          | 750  | 2.15            | 139    | 127                     | -               | RX<br>RXF                                                                         | 87<br>87                                                                           | D<br>D             | 46 DV<br>46 DV | 160M4<br>160M4 | 190            | 415 |           |                                                                                     |
| 210                                     | -                          | 836  | 1.93            | 125    | 114                     | -               |                                                                                   |                                                                                    |                    |                |                | 195            | 416 |           |                                                                                     |
| 254                                     | -                          | 1010 | 1.60*           | 104    | 95                      | -               |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 292                                     | -                          | 1160 | 1.39            | 90     | 82                      | -               | RX<br>RXF                                                                         | 87<br>87                                                                           | D<br>D             | 46 DV<br>46 DV | 160M2<br>160M2 | 190            | 415 |           |                                                                                     |
| 329                                     | -                          | 1310 | 2.48            | 110    | 72                      | -               |                                                                                   |                                                                                    |                    |                |                | 195            | 416 |           |                                                                                     |
| 380                                     | -                          | 1510 | 2.15            | 96     | 62                      | M2              |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |
| 423                                     | -                          | 1685 | 1.93            | 86     | 56                      | M2              | RX<br>RXF                                                                         | 87<br>87                                                                           | D<br>D             | 46 DV<br>46 DV | 160M2<br>160M2 | 190            | 415 |           |                                                                                     |
| 511                                     | -                          | 2030 | 1.60*           | 71     | 46                      | M2              |                                                                                   |                                                                                    |                    |                |                | 195            | 416 |           |                                                                                     |
| 588                                     | -                          | 2335 | 1.39            | 62     | 40                      | M2,4            |                                                                                   |                                                                                    |                    |                |                |                |     |           |                                                                                     |



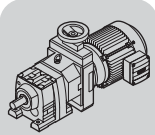
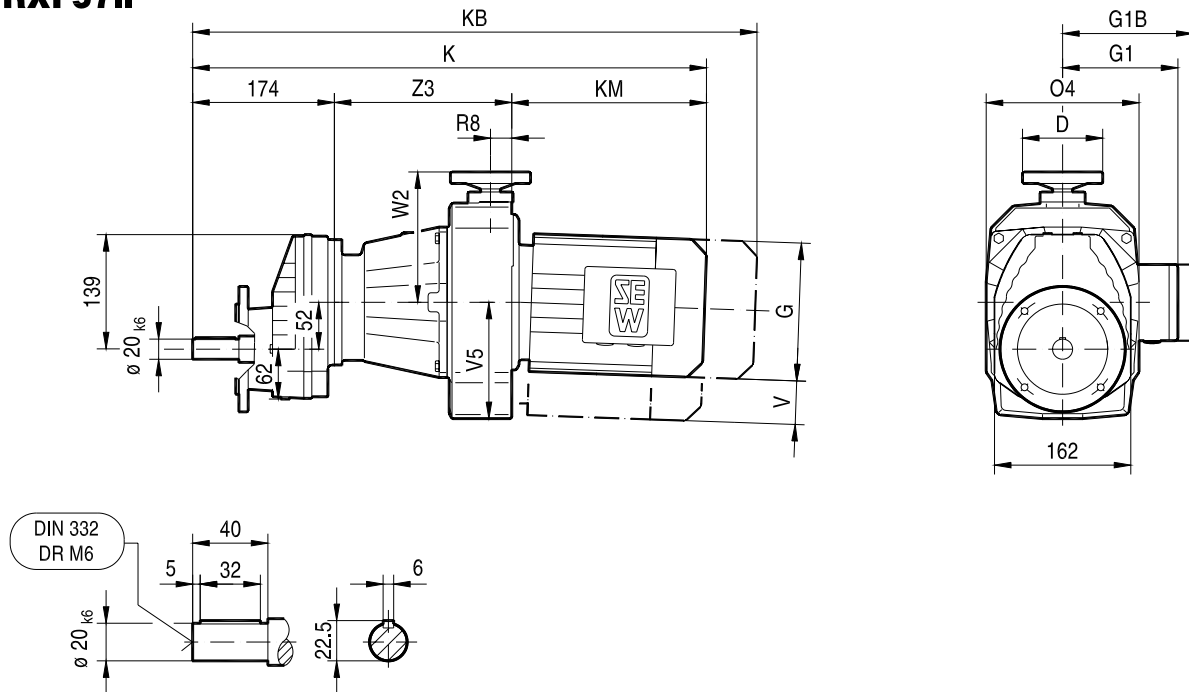
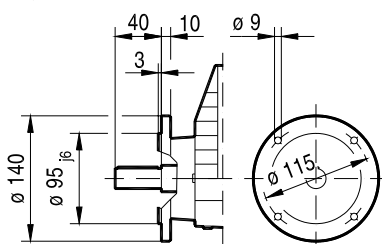
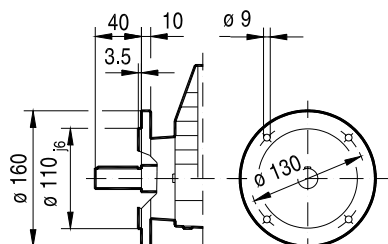
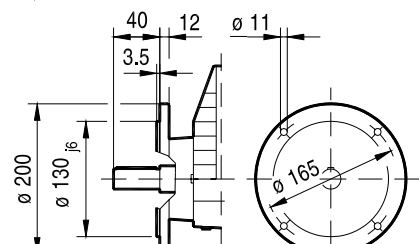
## 14.3 R..D..DT/DV.. [mm]

## RX57..

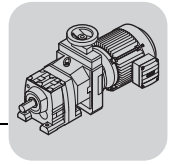
15 004 001



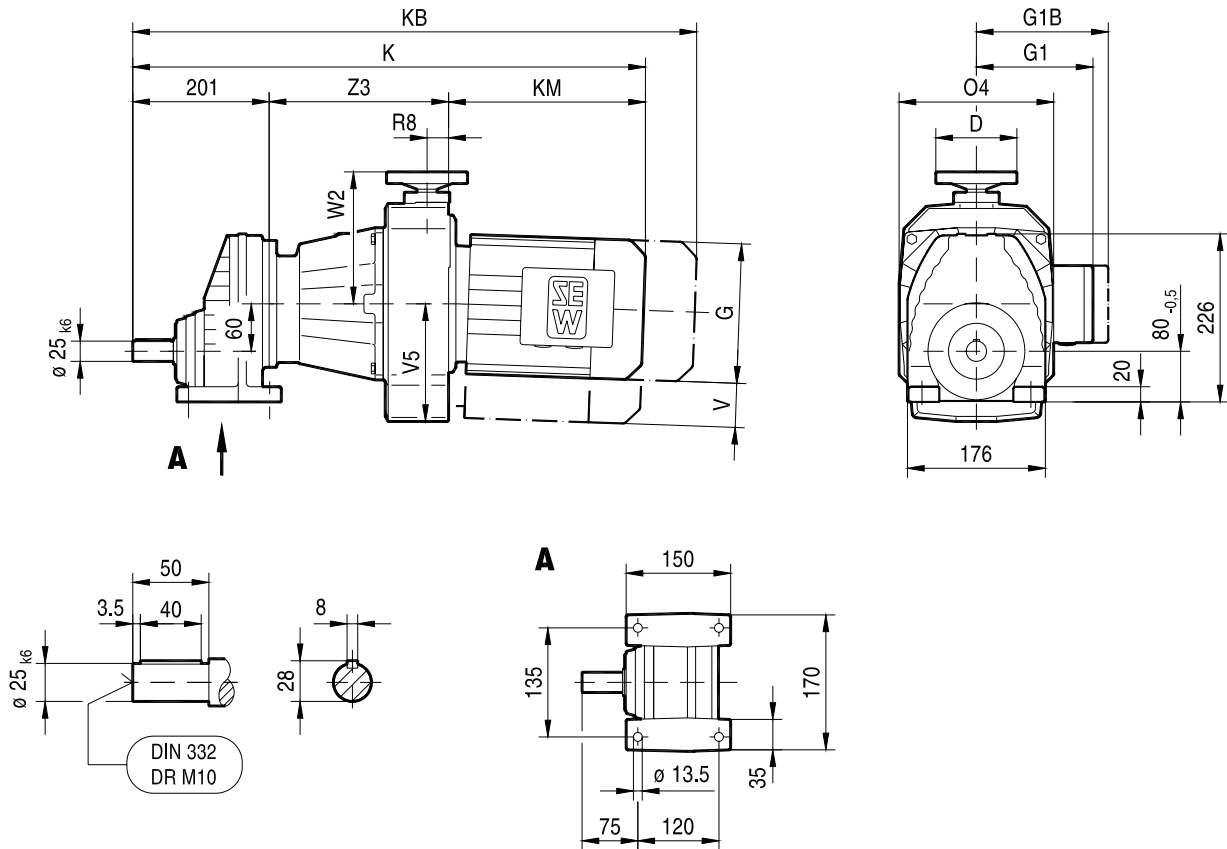
| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| RX57    | D16 | DT71D  | 100 | 145 | 122 | 127 | 560 | 624 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|         |     | DT80.. | 100 | 145 | 122 | 127 | 610 | 674 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|         | D26 | DT90.. | 100 | 197 | 154 | 161 | 650 | 735 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|         |     | DV100M | 100 | 197 | 166 | 166 | 700 | 785 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

**RXF57..****15 005 001****ø 140****ø 160****ø 200**

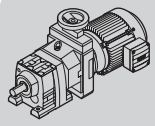
| (→ 151)      |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|--------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>RXF57</b> | <b>D16</b> | <b>DT71D</b>  | 100 | 145 | 122 | 127 | 560 | 624 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|              |            | <b>DT80..</b> | 100 | 145 | 122 | 127 | 610 | 674 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|              | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 650 | 735 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|              |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 700 | 785 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

**RX67..**

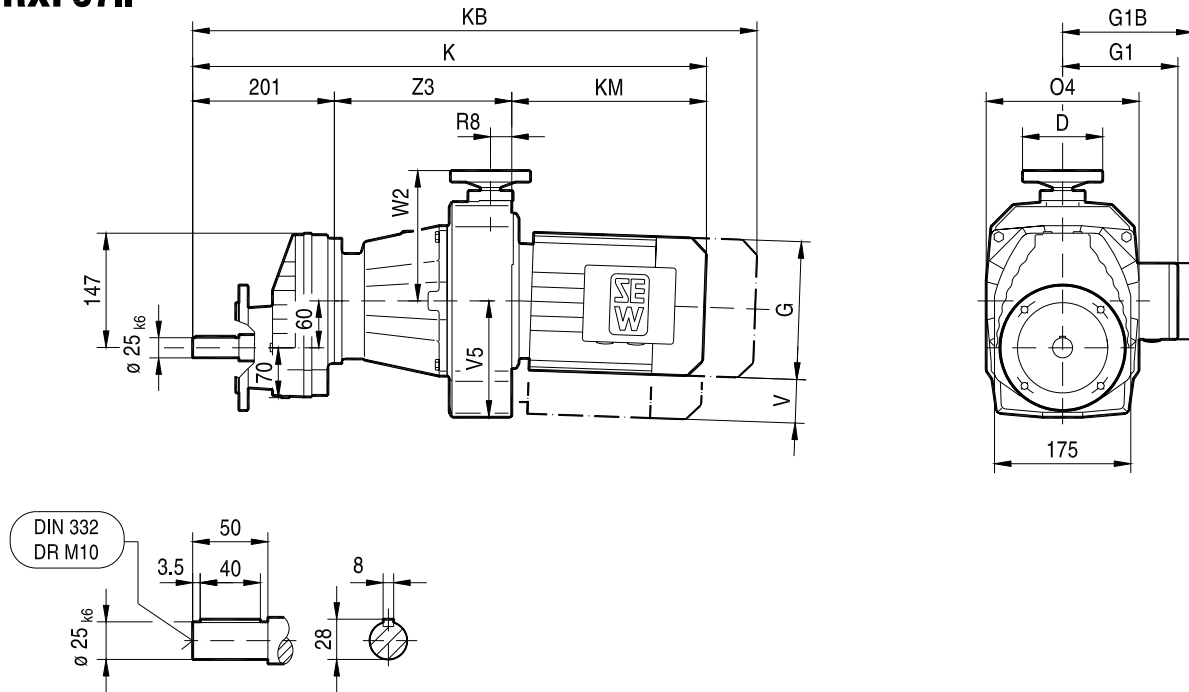
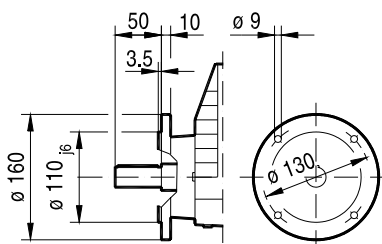
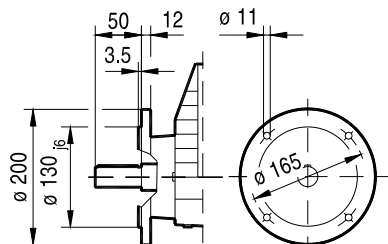
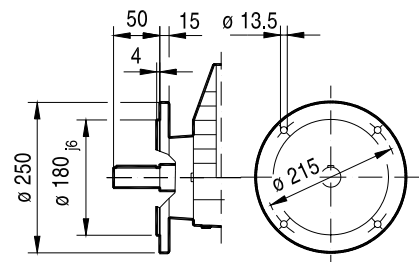
15 006 001



| (→ 151)     |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>RX67</b> | <b>D16</b> | <b>DT71D</b>  | 100 | 145 | 122 | 127 | 587 | 651 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|             |            | <b>DT80..</b> | 100 | 145 | 122 | 127 | 637 | 701 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|             | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 677 | 762 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|             |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 727 | 812 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

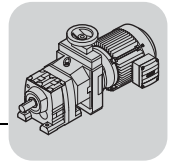
**RXF67..**

15 007 001

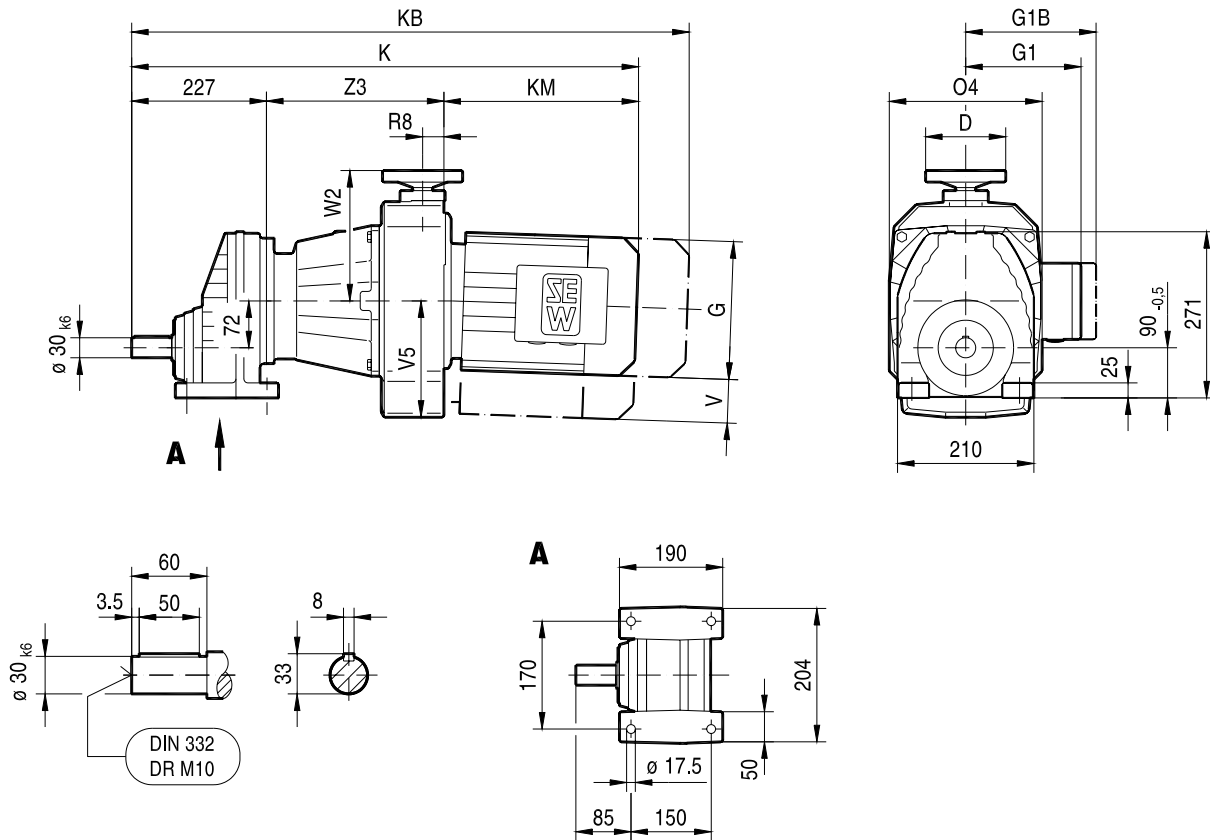
**ø 160****ø 200****ø 250**

| (→ 151)      |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|--------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>RXF67</b> | <b>D16</b> | <b>DT71D</b>  | 100 | 145 | 122 | 127 | 587 | 651 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|              |            | <b>DT80..</b> | 100 | 145 | 122 | 127 | 637 | 701 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|              | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 677 | 762 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|              |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 727 | 812 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

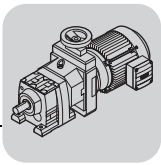




15 008 001

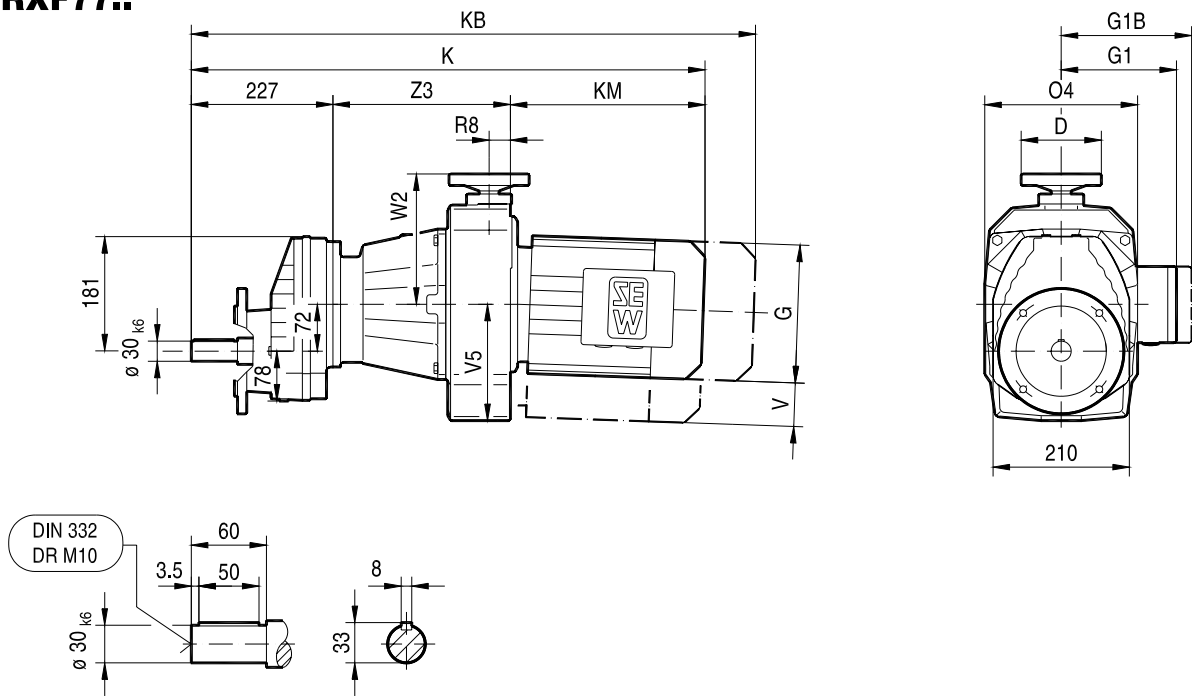
**RX77..**

| (→ 151)     |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>RX77</b> | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 695 | 780 | 248 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|             |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 745 | 830 | 298 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|             | <b>D36</b> | <b>DV100M</b> | 160 | 197 | 166 | 166 | 820 | 905 | 309 | 265 | 38   | 88 | 204 | 232 | 284 |
|             |            | <b>DV100L</b> | 160 | 197 | 166 | 166 | 850 | 935 | 339 | 265 | 38   | 88 | 204 | 232 | 284 |
|             |            | <b>DV112M</b> | 160 | 221 | 179 | 182 | 843 | 923 | 332 | 265 | 38   | 88 | 204 | 232 | 284 |
|             |            | <b>DV132S</b> | 160 | 221 | 179 | 182 | 888 | 968 | 377 | 265 | 38   | 88 | 204 | 232 | 284 |

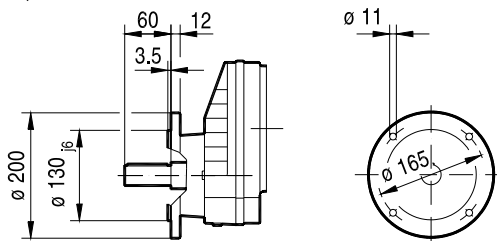


15 009 001

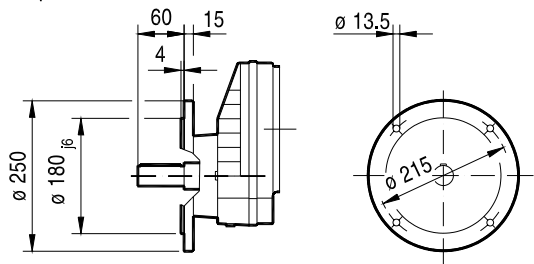
RXF77..



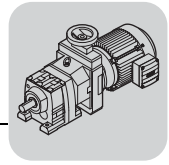
ø 200



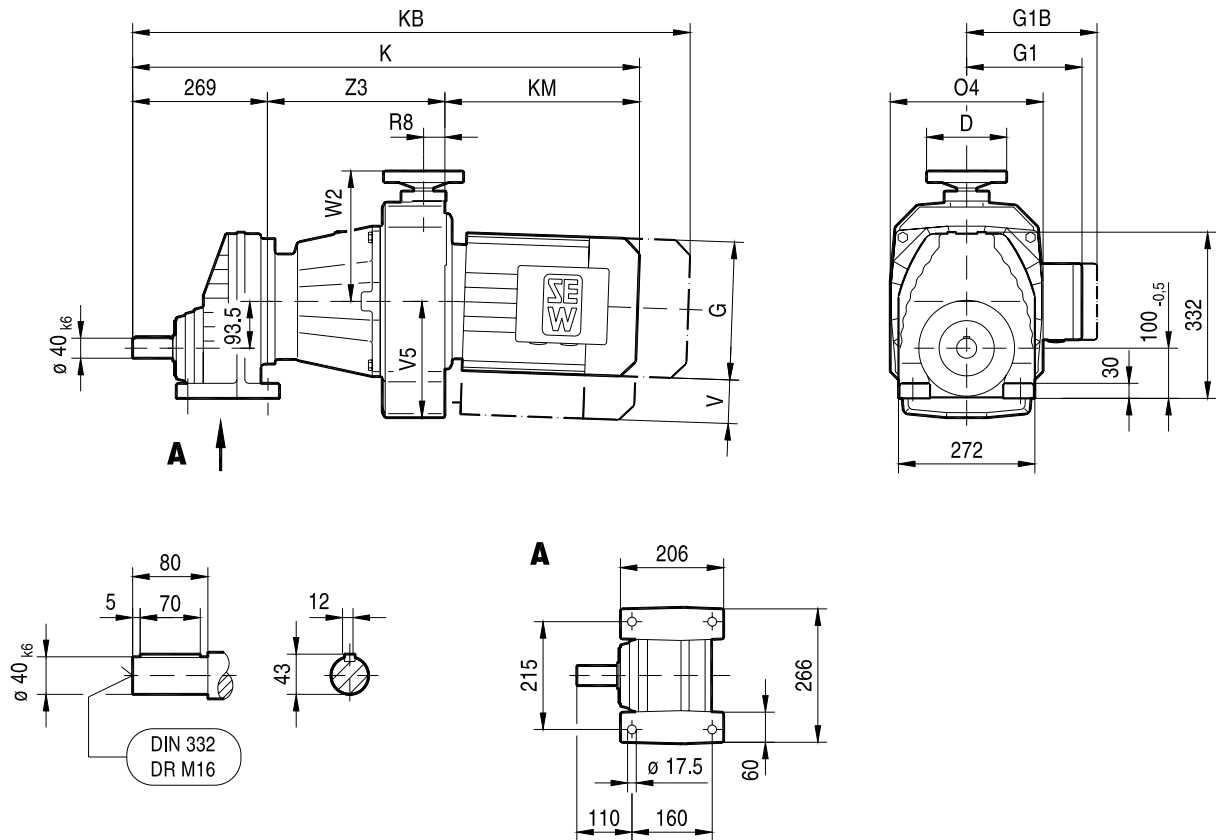
ø 250



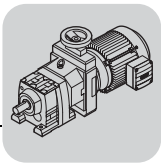
| (> 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| RXF77   | D26 | DT90.. | 100 | 197 | 154 | 161 | 695 | 780 | 248 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|         |     | DV100M | 100 | 197 | 166 | 166 | 745 | 830 | 298 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|         | D36 | DV100M | 160 | 197 | 166 | 166 | 820 | 905 | 309 | 265 | 38   | 88 | 204 | 232 | 284 |
|         |     | DV100L | 160 | 197 | 166 | 166 | 850 | 935 | 339 | 265 | 38   | 88 | 204 | 232 | 284 |
|         |     | DV112M | 160 | 221 | 179 | 182 | 843 | 923 | 332 | 265 | 38   | 88 | 204 | 232 | 284 |
|         |     | DV132S | 160 | 221 | 179 | 182 | 888 | 968 | 377 | 265 | 38   | 88 | 204 | 232 | 284 |

**RX87..**

15 010 001

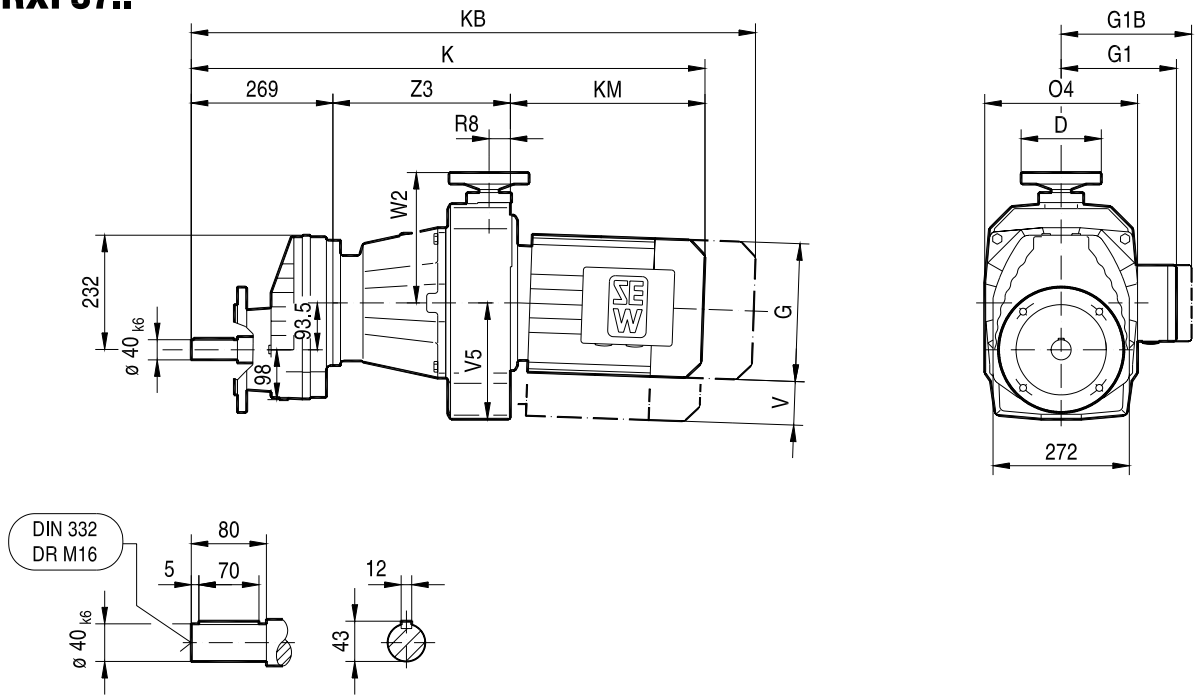


| (→ 151)     |            |                | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|------------|----------------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| <b>RX87</b> | <b>D36</b> | <b>DV100L</b>  | 160 | 197 | 166 | 166 | 887  | 972  | 339 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |            | <b>DV112M</b>  | 160 | 221 | 179 | 182 | 880  | 960  | 332 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |            | <b>DV132S</b>  | 160 | 221 | 179 | 182 | 925  | 1005 | 377 | 265 | 38   | 88 | 204 | 232 | 279 |
|             | <b>D46</b> | <b>DV132M</b>  | 160 | 275 | 230 | 230 | 1012 | 1124 | 388 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|             |            | <b>DV132ML</b> | 160 | 275 | 230 | 230 | 1072 | 1184 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|             |            | <b>DV160M</b>  | 160 | 275 | 230 | 230 | 1072 | 1184 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |

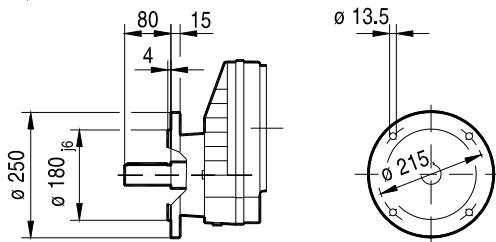


RXF87..

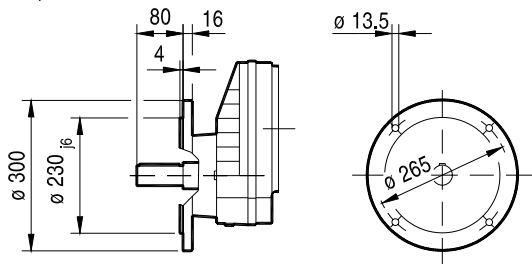
15 011 001



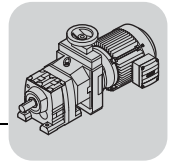
ø 250



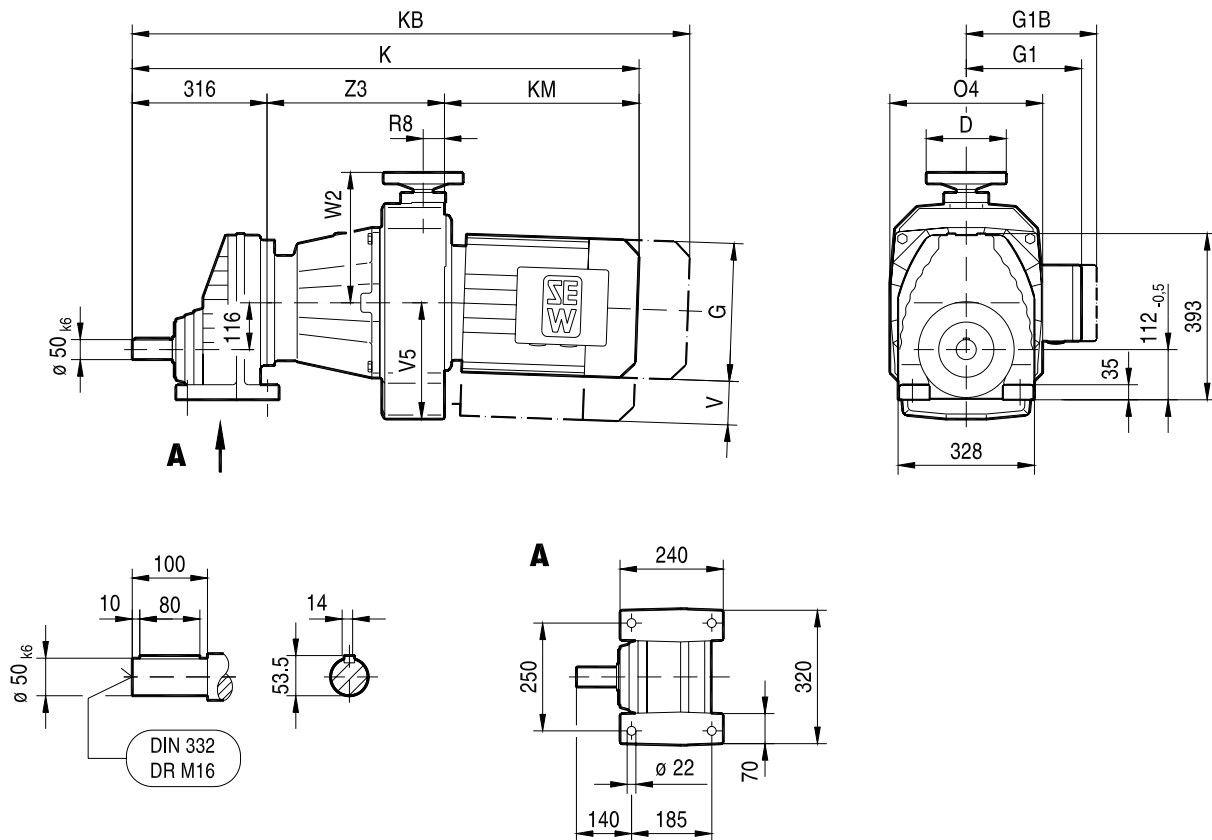
ø 300



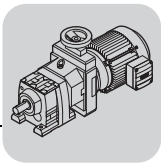
| (> 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RXF87   | D36 | DV100L  | 160 | 197 | 166 | 166 | 887  | 972  | 339 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV112M  | 160 | 221 | 179 | 182 | 880  | 960  | 332 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV132S  | 160 | 221 | 179 | 182 | 925  | 1005 | 377 | 265 | 38   | 88 | 204 | 232 | 279 |
|         | D46 | DV132M  | 160 | 275 | 230 | 230 | 1012 | 1124 | 388 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|         |     | DV132ML | 160 | 275 | 230 | 230 | 1072 | 1184 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1072 | 1184 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |

**RX97..**

15 012 001

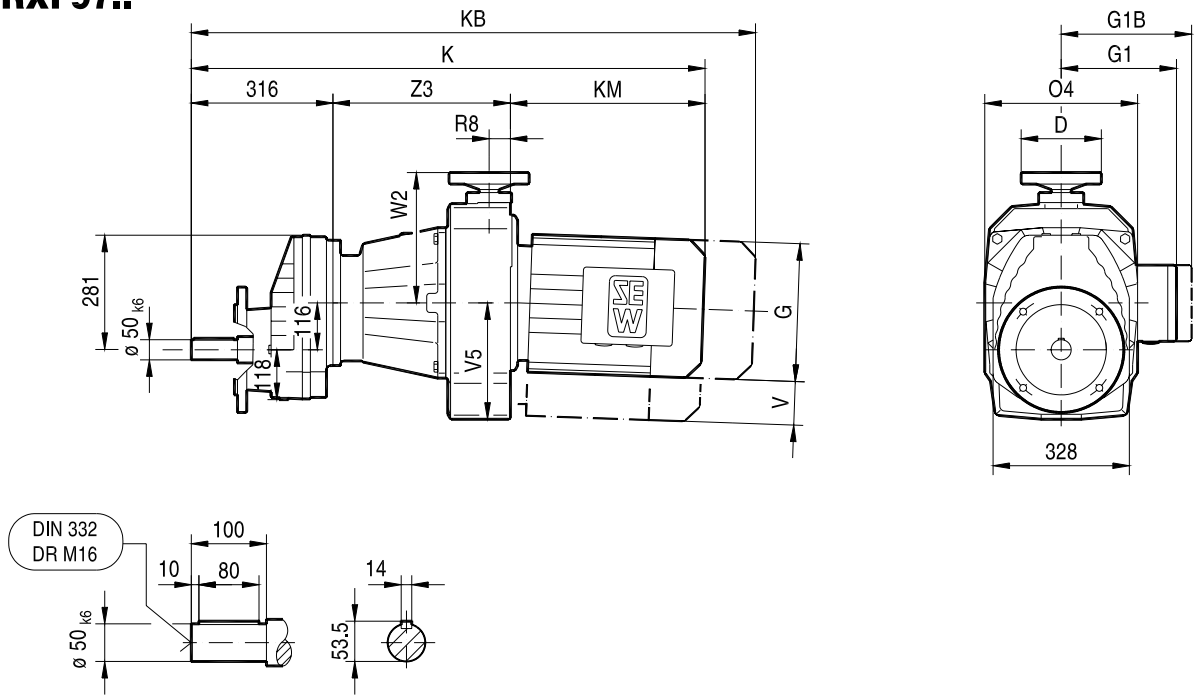


| (→ 151)     |            |                | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|------------|----------------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| <b>RX97</b> | <b>D46</b> | <b>DV132M</b>  | 160 | 275 | 230 | 230 | 1053 | 1165 | 388 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|             |            | <b>DV132ML</b> | 160 | 275 | 230 | 230 | 1113 | 1225 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|             |            | <b>DV160M</b>  | 160 | 275 | 230 | 230 | 1113 | 1225 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |

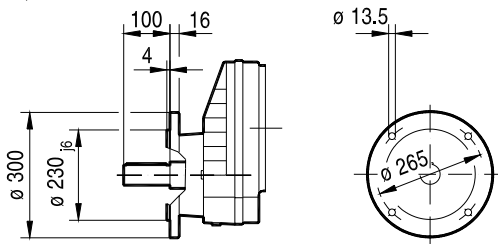


RXF97..

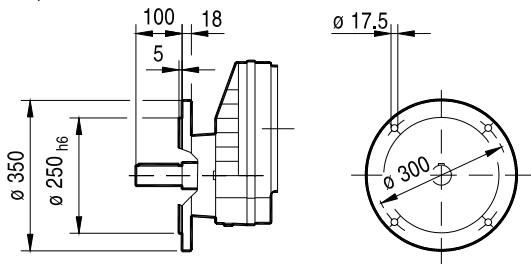
15 013 001



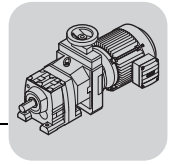
$\varnothing 300$



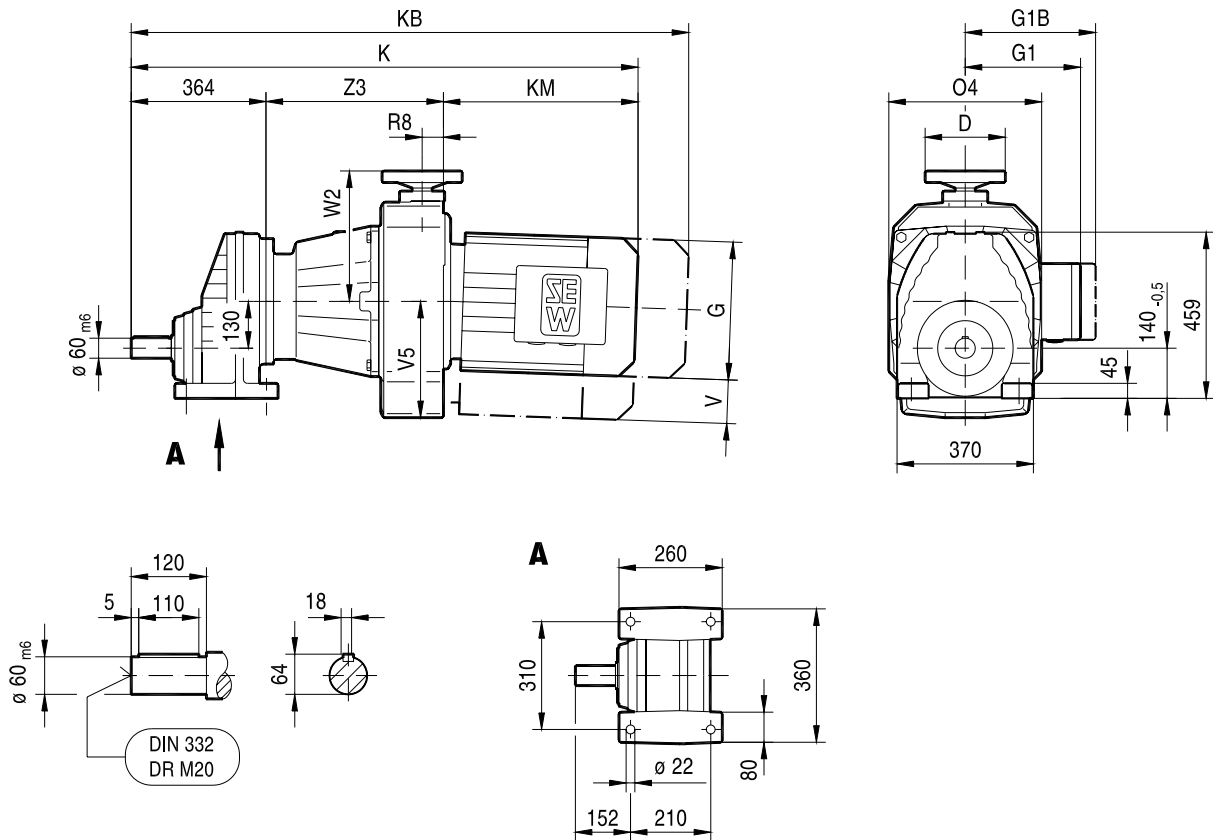
$\varnothing 350$



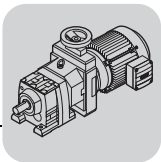
| (→ 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RXF97   | D46 | DV132M  | 160 | 275 | 230 | 230 | 1053 | 1165 | 388 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|         |     | DV132ML | 160 | 275 | 230 | 230 | 1113 | 1225 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1113 | 1225 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |

**RX107..**

15 014 001

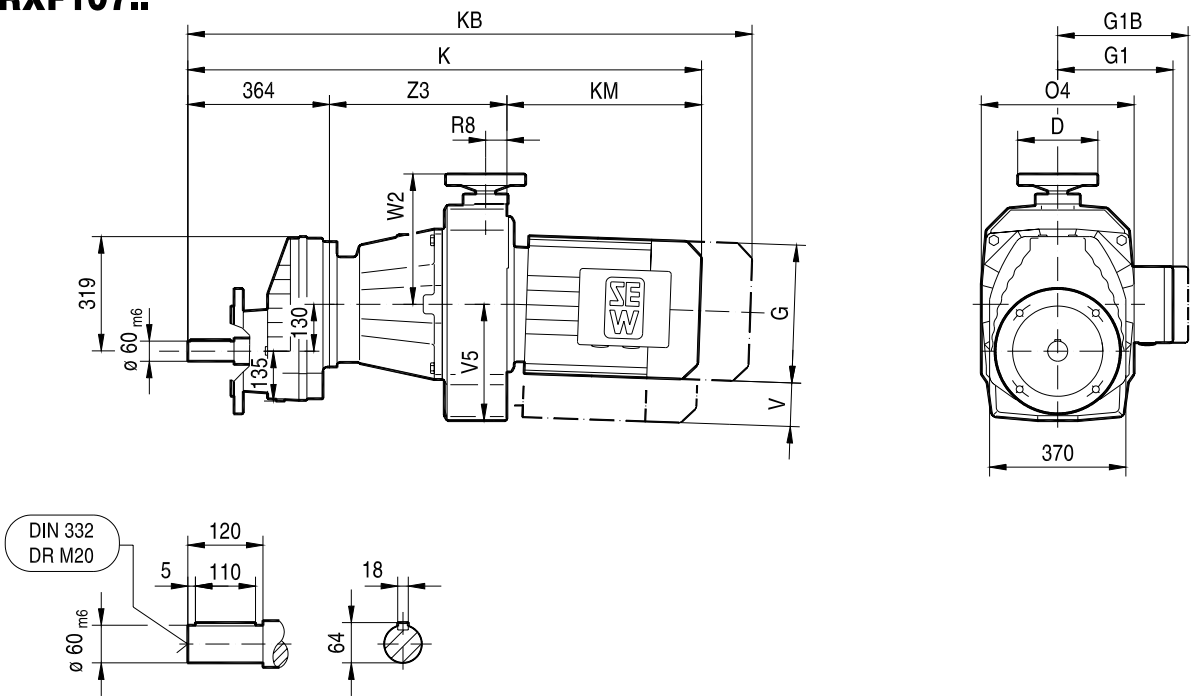


| (→ 151)      |            |                | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|--------------|------------|----------------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| <b>RX107</b> | <b>D46</b> | <b>DV132M</b>  | 160 | 275 | 230 | 230 | 1096 | 1208 | 388 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|              |            | <b>DV132ML</b> | 160 | 275 | 230 | 230 | 1156 | 1268 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|              |            | <b>DV160M</b>  | 160 | 275 | 230 | 230 | 1156 | 1268 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |

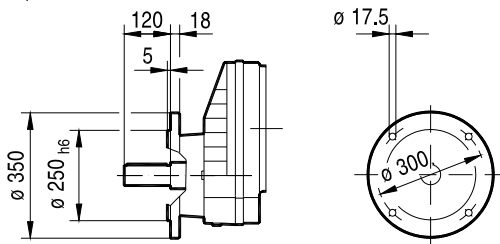


RXF107..

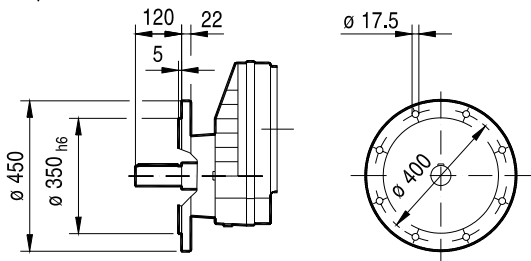
15 015 001



ø 350



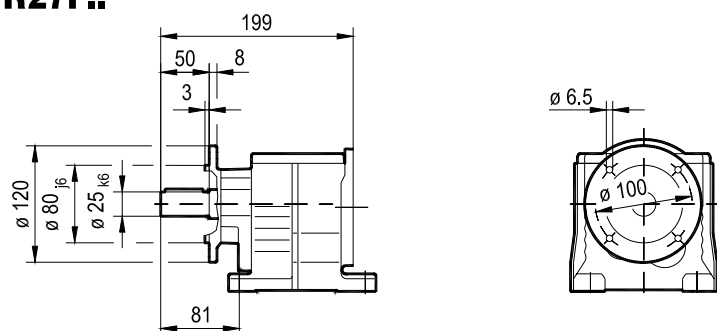
ø 450

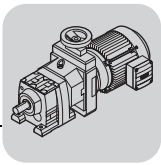


| (→ 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RXF107  | D46 | DV132M  | 160 | 275 | 230 | 230 | 1096 | 1208 | 388 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|         |     | DV132ML | 160 | 275 | 230 | 230 | 1156 | 1268 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1156 | 1268 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |



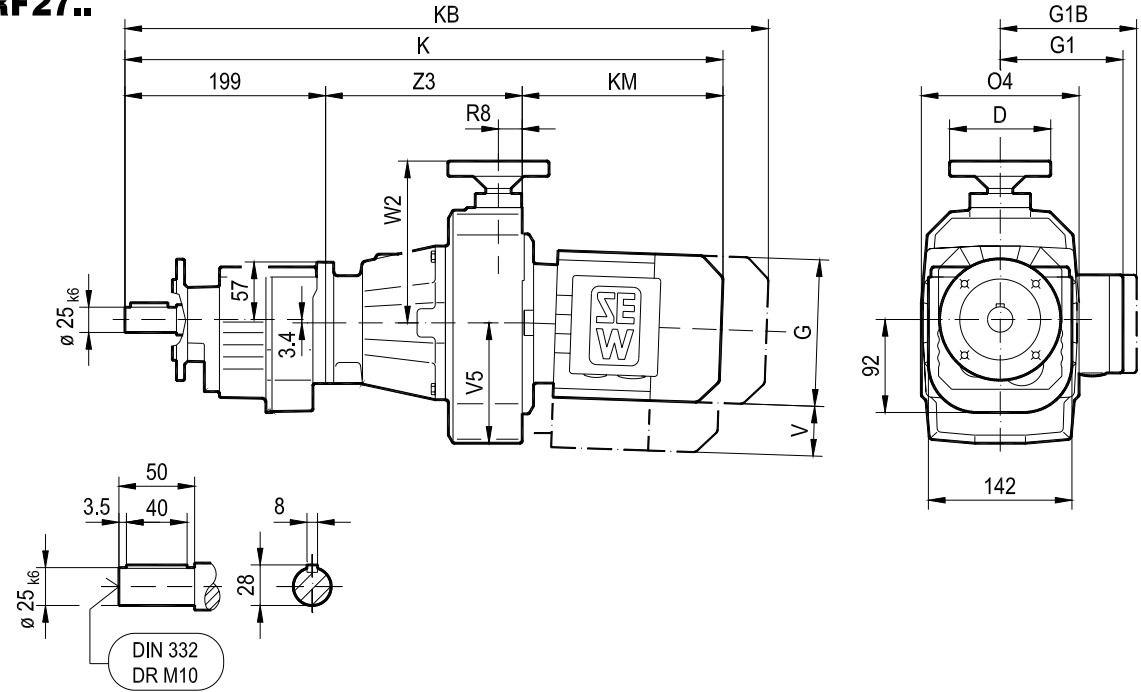
**R27..**

VA2004

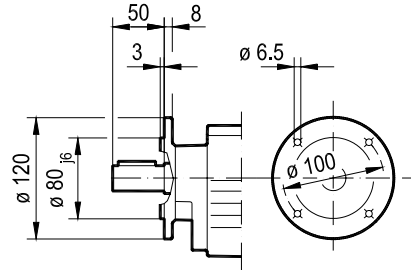


15 094 001

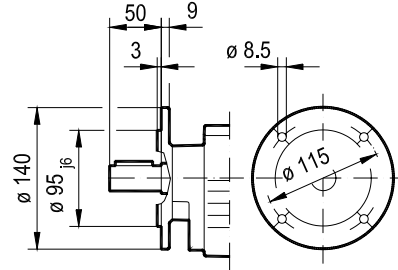
RF27..



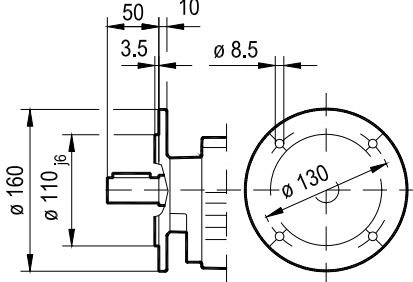
ø 120



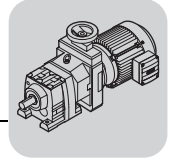
ø 140



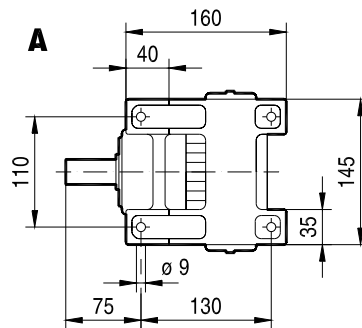
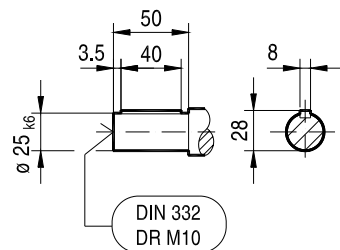
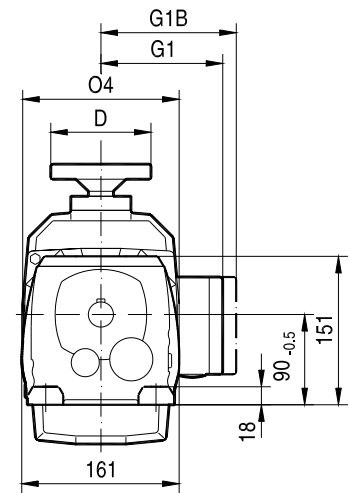
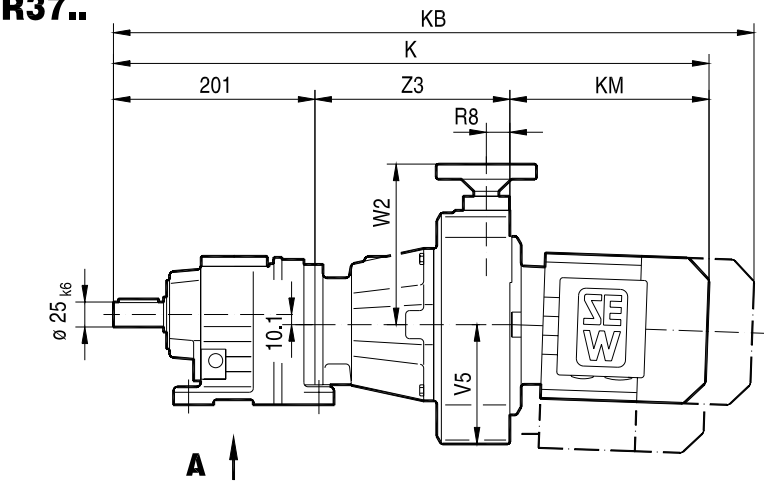
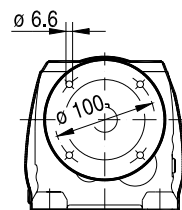
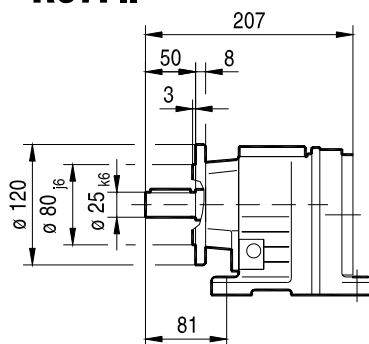
ø 160



| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8 | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|
| RF27    | D16 | DT71D  | 100 | 145 | 122 | 127 | 592 | 656 | 198 | 156 | 25 | 49 | 119 | 160 | 195 |
|         |     | DT80.. | 100 | 145 | 122 | 127 | 642 | 706 | 248 | 156 | 25 | 49 | 119 | 160 | 195 |

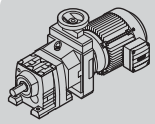
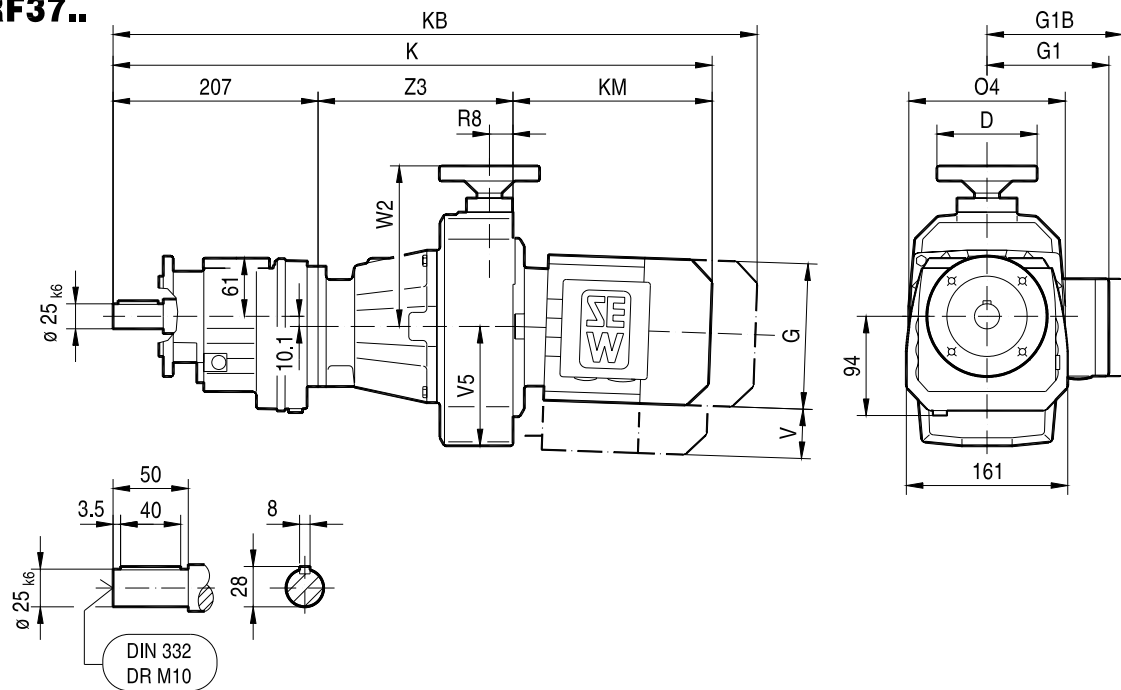


15 016 001

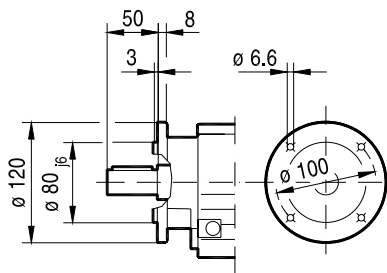
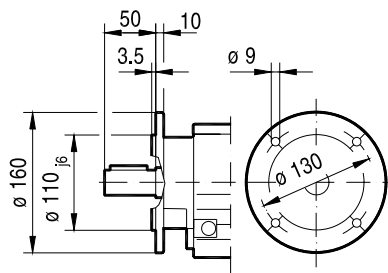
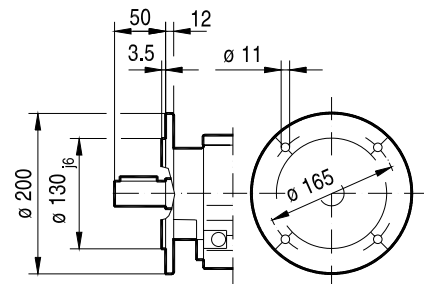
**R37..****R37F..**

14

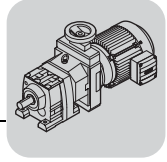
| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8 | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|
| R37     | D16 | DT71D  | 100 | 145 | 122 | 127 | 594 | 658 | 198 | 156 | 25 | 49 | 119 | 160 | 195 |
| R37F    |     | DT80.. | 100 | 145 | 122 | 127 | 644 | 708 | 248 | 156 | 25 | 49 | 119 | 160 | 195 |

**RF37..**

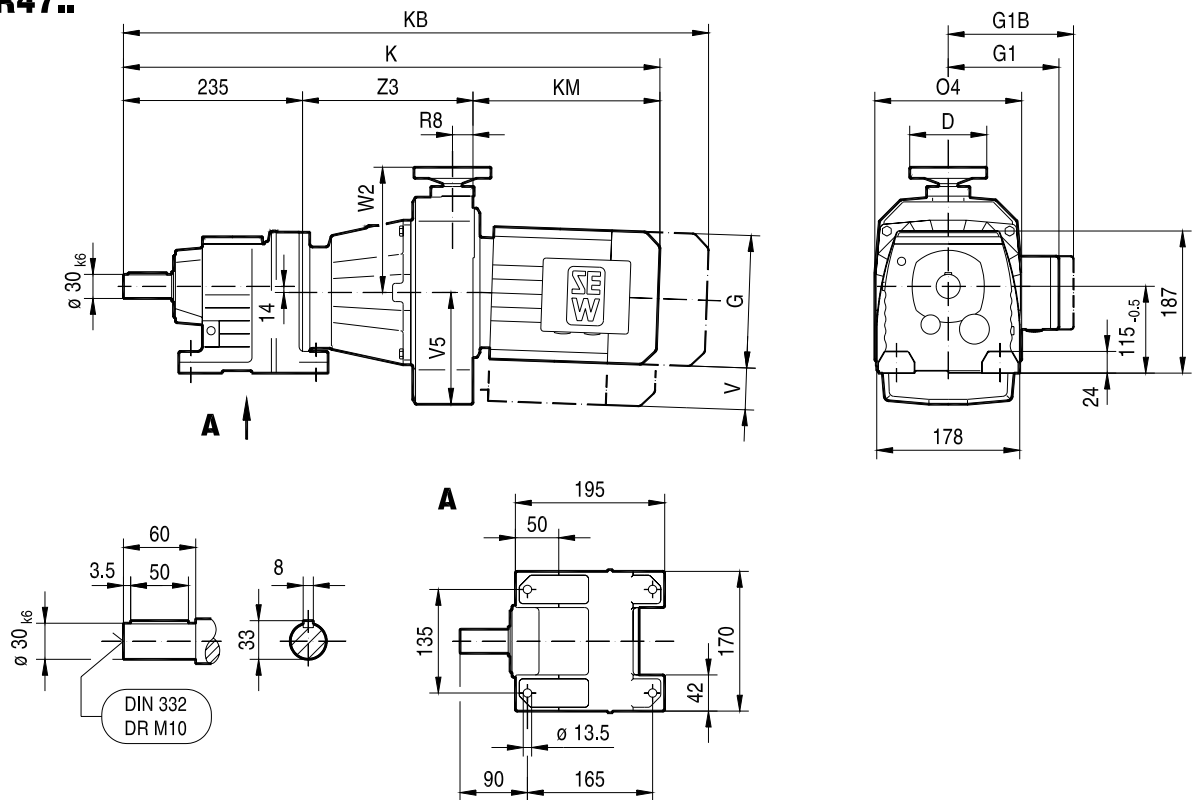
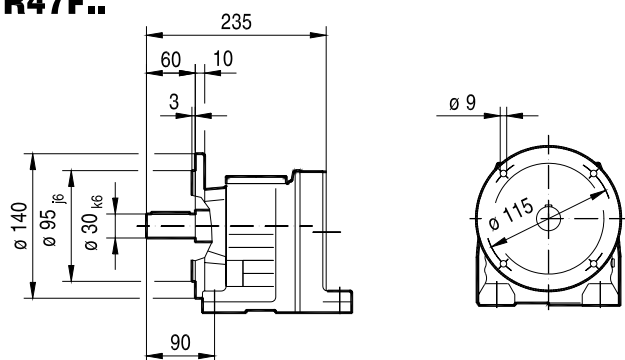
15 017 001

**ø 120****ø 160****ø 200**

| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8 | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|
| RF37    | D16 | DT71D  | 100 | 145 | 122 | 127 | 600 | 664 | 198 | 156 | 25 | 49 | 119 | 160 | 195 |
|         |     | DT80.. | 100 | 145 | 122 | 127 | 650 | 714 | 248 | 156 | 25 | 49 | 119 | 160 | 195 |

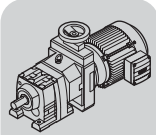


15 018 001

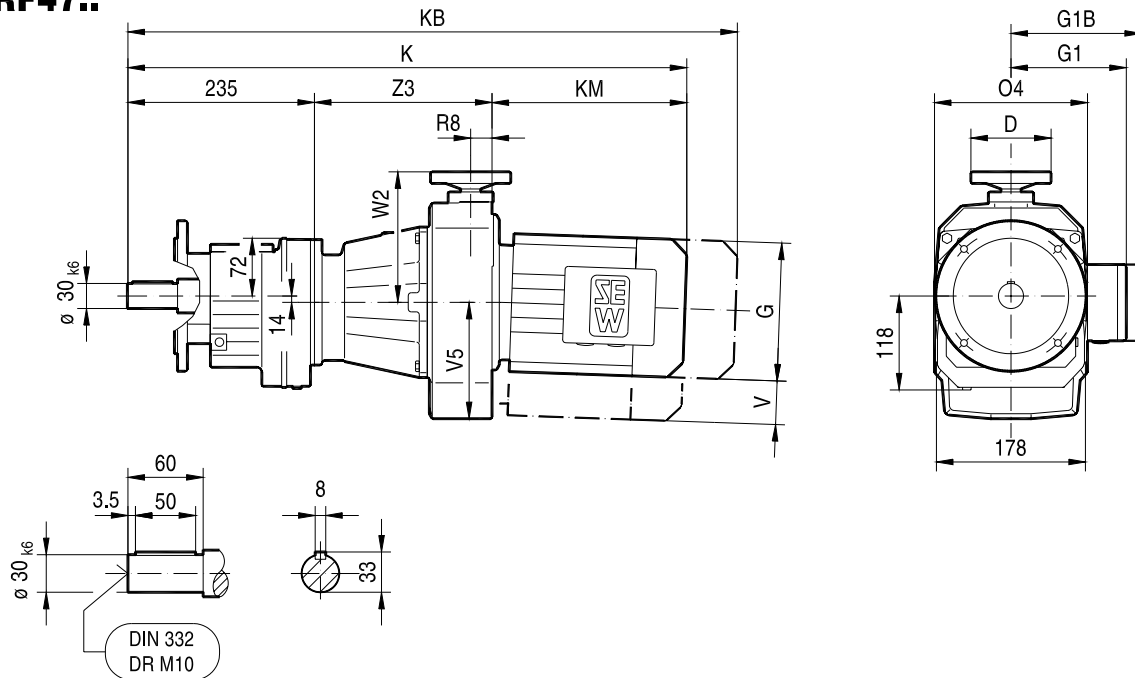
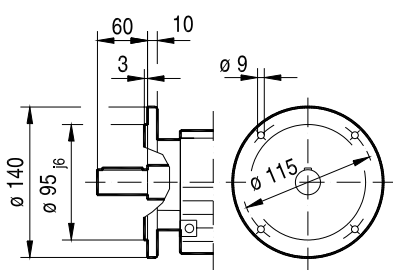
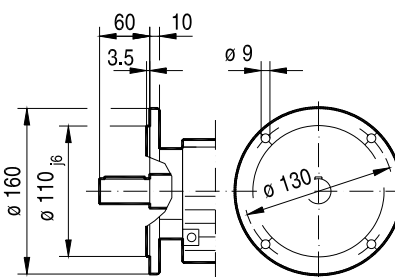
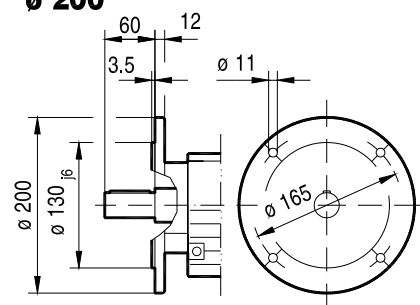
**R47..****R47F..**

14

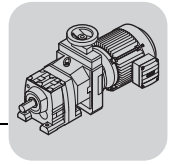
| (→ 151)             |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>R47<br/>R47F</b> | <b>D16</b> | <b>DT71D</b>  | 100 | 145 | 122 | 127 | 621 | 685 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|                     |            | <b>DT80..</b> | 100 | 145 | 122 | 127 | 671 | 735 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|                     | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 711 | 796 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|                     |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 761 | 846 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |



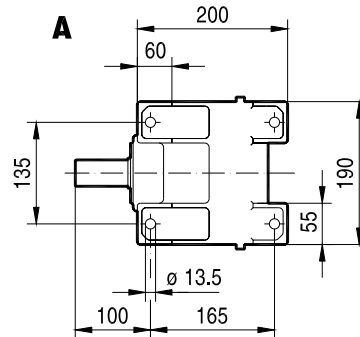
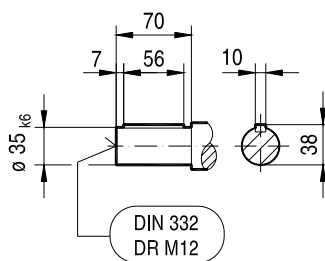
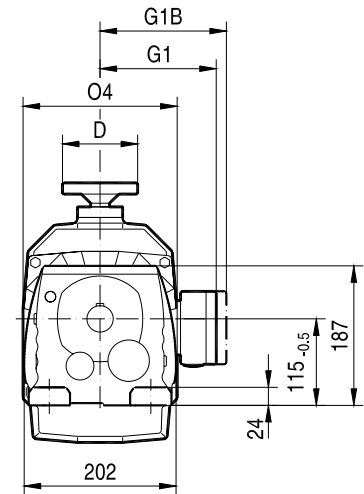
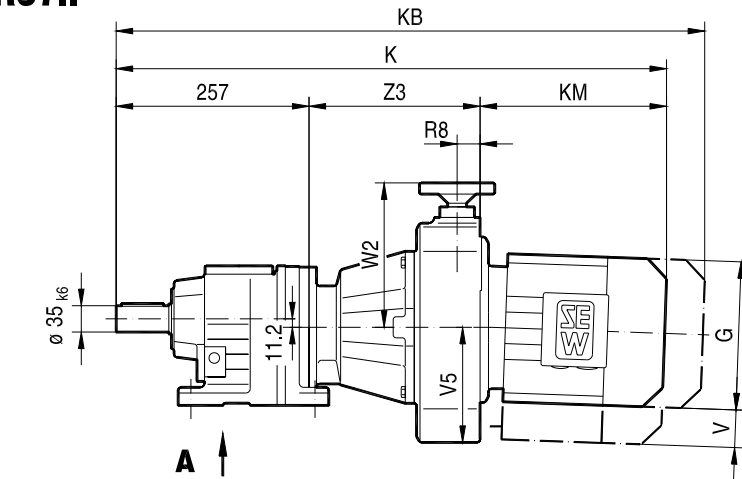
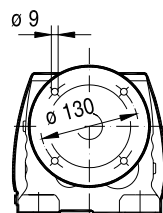
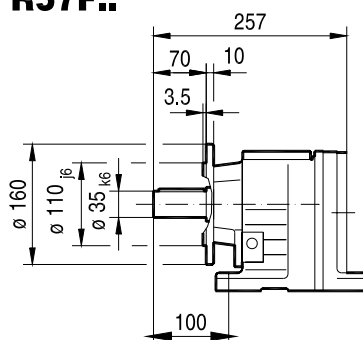
15 019 001

**RF47..****ø 140****ø 160****ø 200**

| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| RF47    | D16 | DT71D  | 100 | 145 | 122 | 127 | 621 | 685 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|         |     | DT80.. | 100 | 145 | 122 | 127 | 671 | 735 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|         | D26 | DT90.. | 100 | 197 | 154 | 161 | 711 | 796 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|         |     | DV100M | 100 | 197 | 166 | 166 | 761 | 846 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

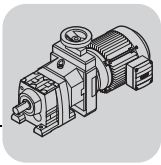


15 020 001

**R57..****R57F..**

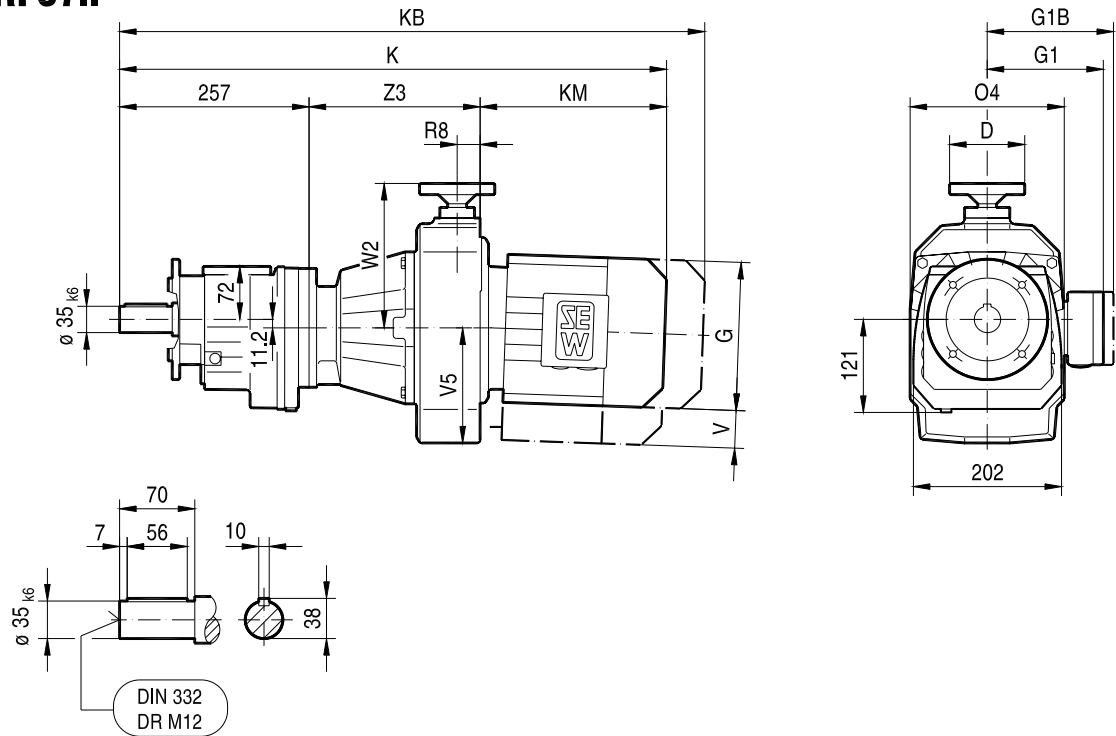
14

| (→ 151)             |            |               | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------------------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| <b>R57<br/>R57F</b> | <b>D16</b> | <b>DT71D</b>  | 100 | 145 | 122 | 127 | 643 | 707 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|                     |            | <b>DT80..</b> | 100 | 145 | 122 | 127 | 693 | 757 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|                     | <b>D26</b> | <b>DT90..</b> | 100 | 197 | 154 | 161 | 733 | 818 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|                     |            | <b>DV100M</b> | 100 | 197 | 166 | 166 | 783 | 868 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

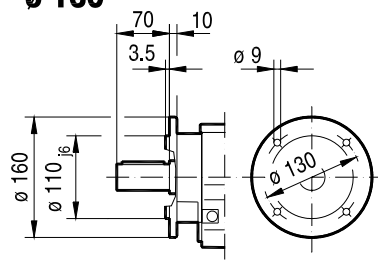


15 021 001

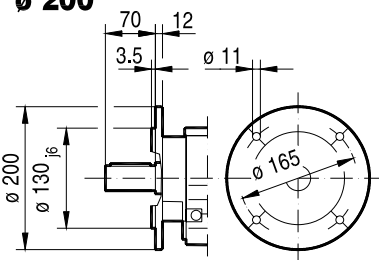
RF57..



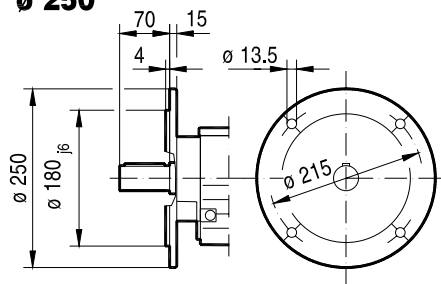
ø 160



ø 200



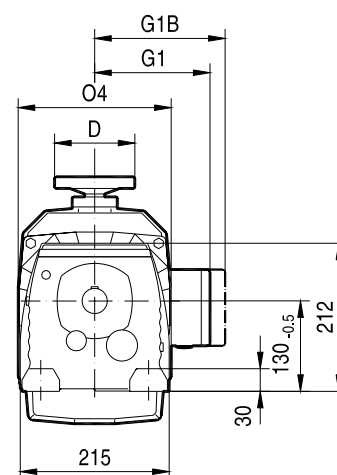
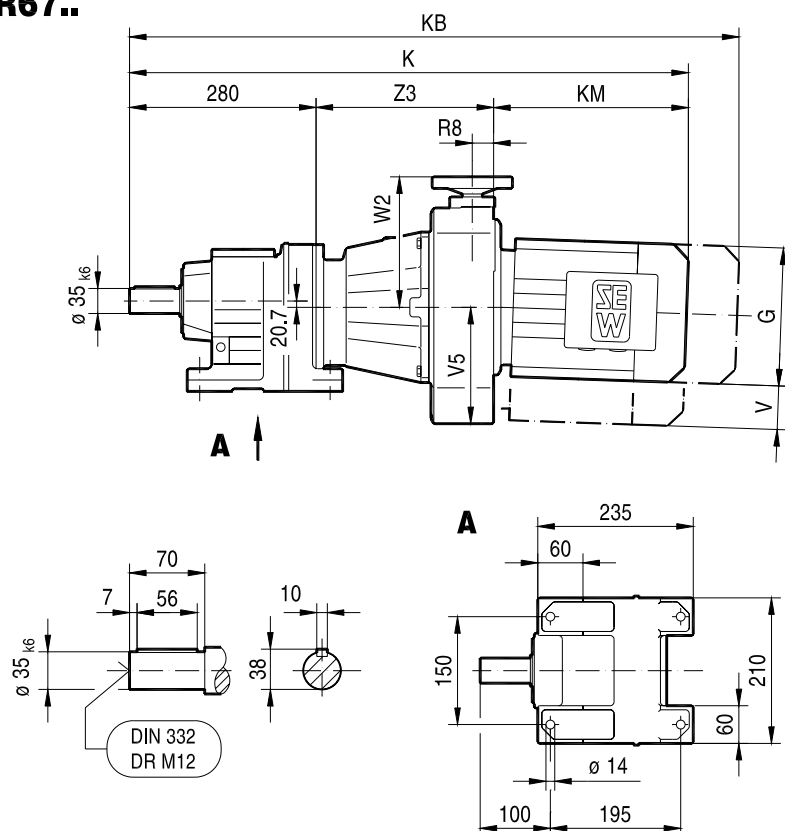
ø 250



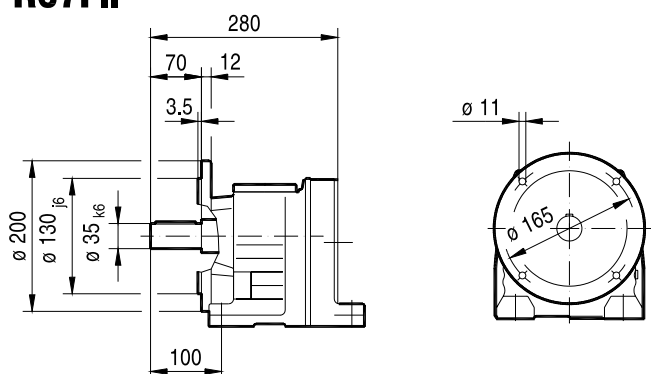
| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| RF57    | D16 | DT71D  | 100 | 145 | 122 | 127 | 643 | 707 | 198 | 156 | 25   | 49 | 119 | 160 | 188 |
|         |     | DT80.. | 100 | 145 | 122 | 127 | 693 | 757 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|         | D26 | DT90.. | 100 | 197 | 154 | 161 | 733 | 818 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|         |     | DV100M | 100 | 197 | 166 | 166 | 783 | 868 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |



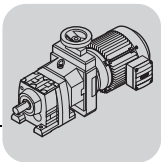
**R67..**



**R67F..**

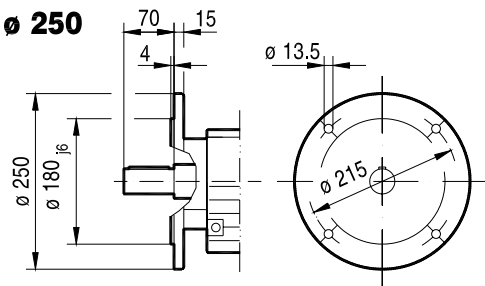
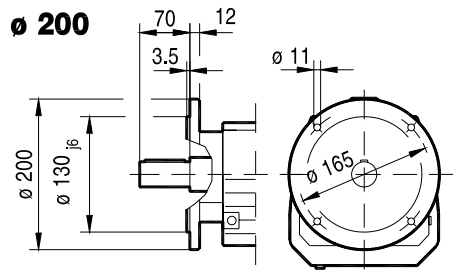
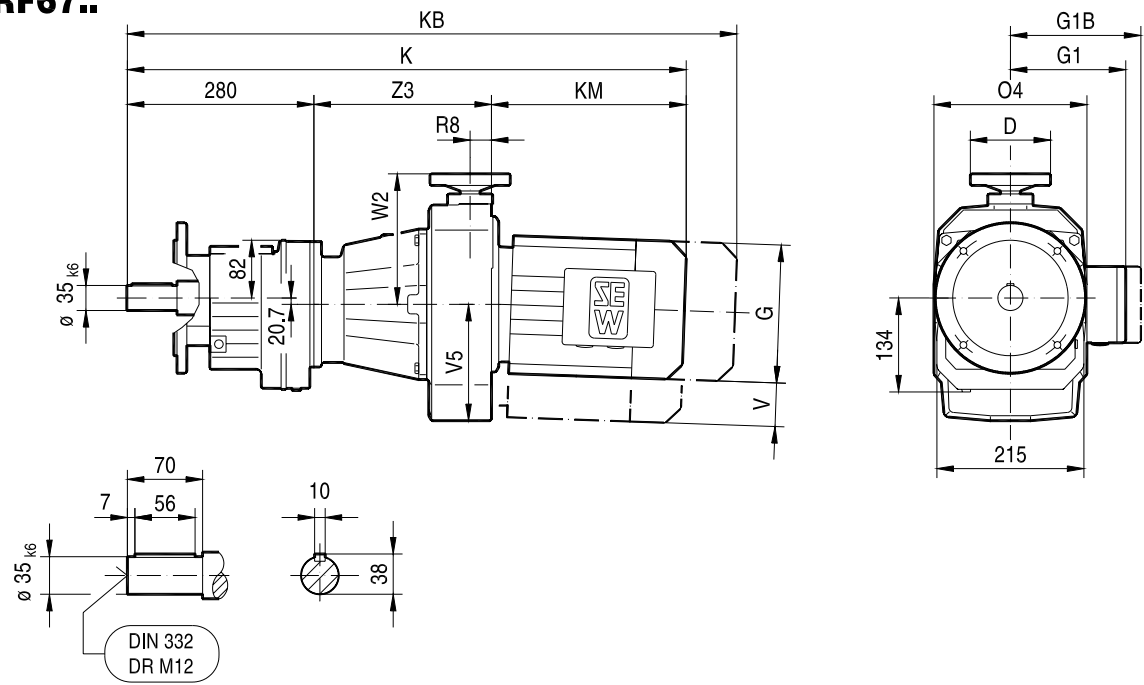


|                                                                                             |     |        |     |     |     |     |     |     |     |     |      |    |     |     |     |
|---------------------------------------------------------------------------------------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| (→  151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
| R67<br>R67F                                                                                 | D16 | DT80.. | 100 | 145 | 122 | 127 | 716 | 780 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|                                                                                             | D26 | DT90.. | 100 | 197 | 154 | 161 | 756 | 841 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|                                                                                             |     | DV100M | 100 | 197 | 166 | 166 | 806 | 891 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

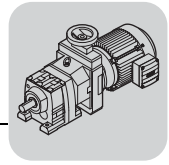


15 023 001

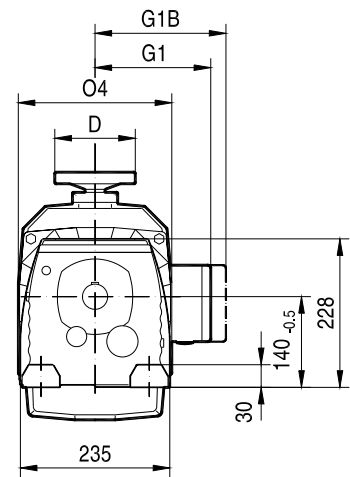
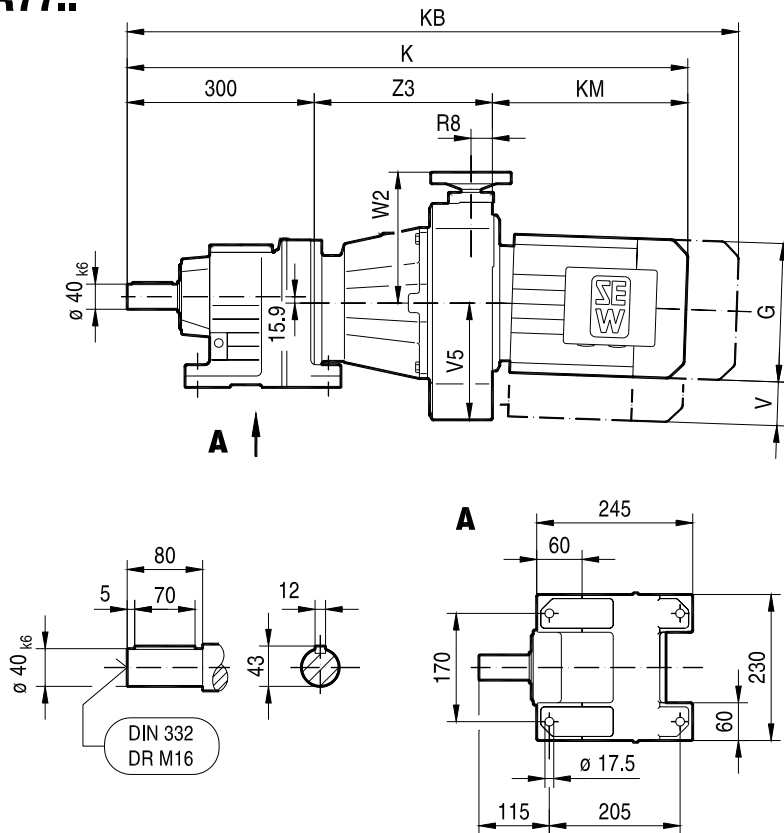
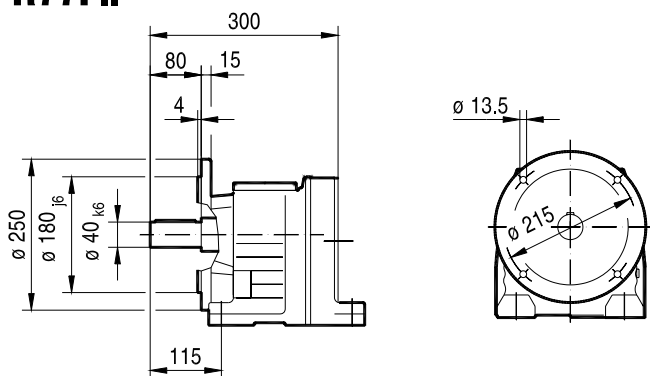
RF67..



| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB  | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|-----|-----|-----|
| RF67    | D16 | DT80.. | 100 | 145 | 122 | 127 | 716 | 780 | 248 | 156 | 25   | 49 | 119 | 160 | 188 |
|         | D26 | DT90.. | 100 | 197 | 154 | 161 | 756 | 841 | 248 | 205 | 32.5 | 66 | 153 | 192 | 228 |
|         |     | DV100M | 100 | 197 | 166 | 166 | 806 | 891 | 298 | 205 | 32.5 | 66 | 153 | 192 | 228 |

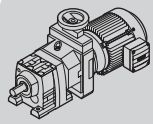


15 024 001

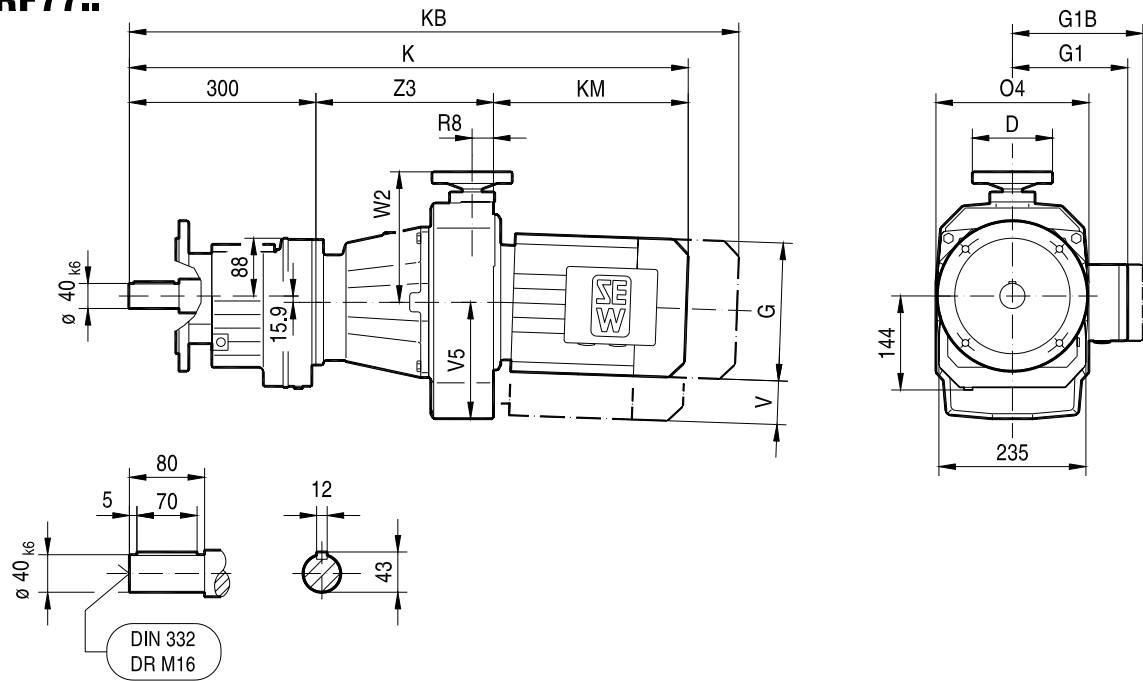
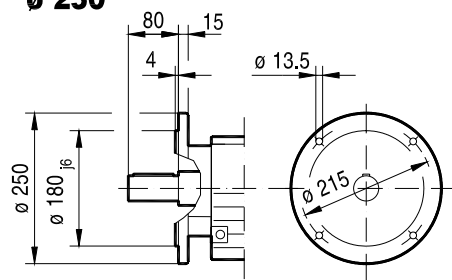
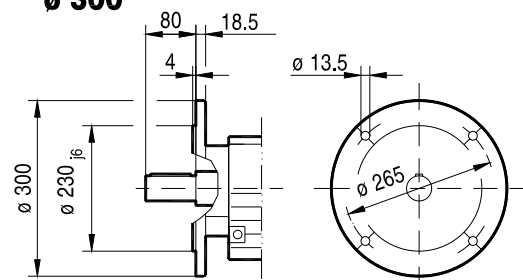
**R77..****R77F..**

14

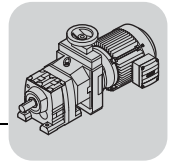
| (→ 151)             |            |               | D   | G   | G1  | G1B | K   | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------------------|------------|---------------|-----|-----|-----|-----|-----|------|-----|-----|------|----|-----|-----|-----|
| <b>R77<br/>R77F</b> | <b>D16</b> | <b>DT80..</b> | 100 | 145 | 122 | 127 | 730 | 794  | 248 | 156 | 25   | 49 | 119 | 160 | 182 |
|                     |            | <b>DT90..</b> | 100 | 197 | 154 | 161 | 768 | 853  | 248 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|                     | <b>D26</b> | <b>DV100M</b> | 100 | 197 | 166 | 166 | 818 | 903  | 298 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|                     |            | <b>DV100L</b> | 160 | 197 | 166 | 166 | 923 | 1008 | 339 | 265 | 38   | 88 | 204 | 232 | 284 |
|                     | <b>D36</b> | <b>DV112M</b> | 160 | 221 | 179 | 182 | 916 | 996  | 332 | 265 | 38   | 88 | 204 | 232 | 284 |
|                     |            | <b>DV132S</b> | 160 | 221 | 179 | 182 | 961 | 1041 | 377 | 265 | 38   | 88 | 204 | 232 | 284 |



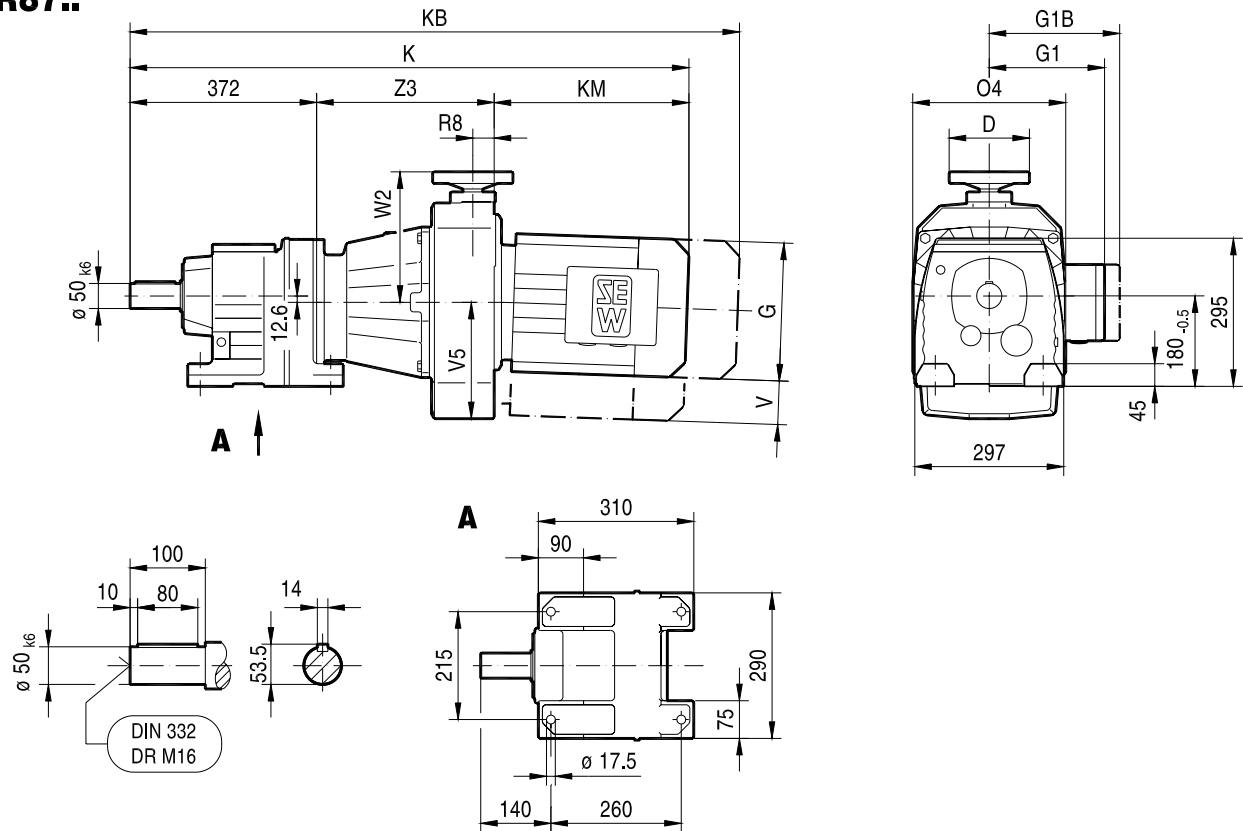
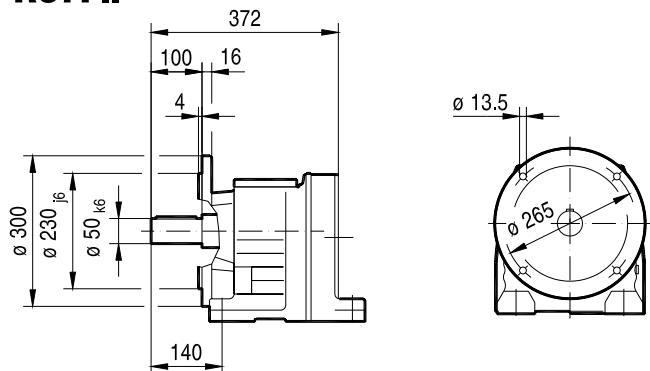
15 025 001

**RF77..****Ø 250****Ø 300**

| (→ 151) |     |        | D   | G   | G1  | G1B | K   | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|--------|-----|-----|-----|-----|-----|------|-----|-----|------|----|-----|-----|-----|
| RF77    | D16 | DT80.. | 100 | 145 | 122 | 127 | 730 | 794  | 248 | 156 | 25   | 49 | 119 | 160 | 182 |
|         |     | DT90.. | 100 | 197 | 154 | 161 | 768 | 853  | 248 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|         | D26 | DV100M | 100 | 197 | 166 | 166 | 818 | 903  | 298 | 205 | 32.5 | 66 | 153 | 192 | 220 |
|         |     | DV100L | 160 | 197 | 166 | 166 | 923 | 1008 | 339 | 265 | 38   | 88 | 204 | 232 | 284 |
|         | D36 | DV112M | 160 | 221 | 179 | 182 | 916 | 996  | 332 | 265 | 38   | 88 | 204 | 232 | 284 |
|         |     | DV132S | 160 | 221 | 179 | 182 | 961 | 1041 | 377 | 265 | 38   | 88 | 204 | 232 | 284 |

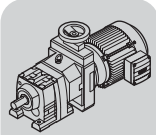


15 026 001

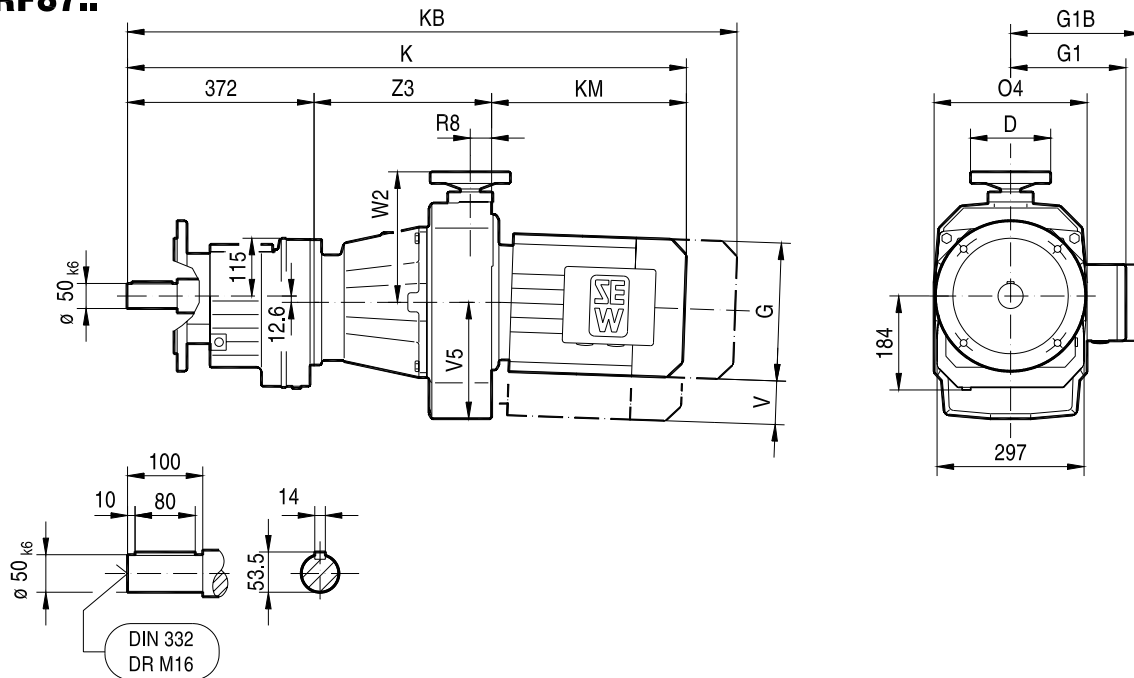
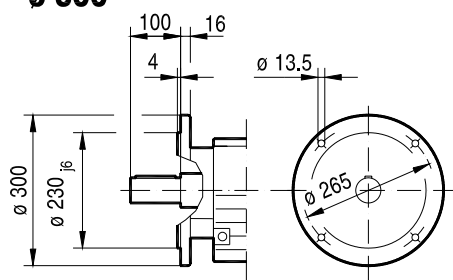
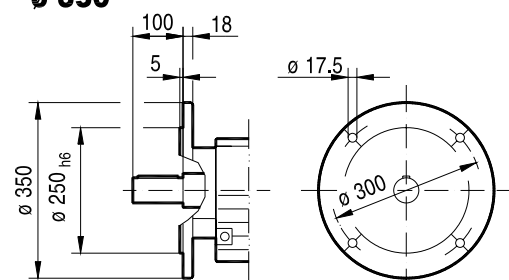
**R87..****R87F..**

14

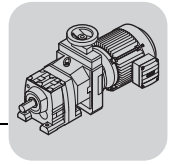
| 151         |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| R87<br>R87F | D26 | DT90..  | 100 | 197 | 154 | 161 | 836  | 921  | 248 | 205 | 32.5 | 66 | 153 | 192 | 216 |
|             |     | DV100M  | 100 | 197 | 166 | 166 | 886  | 971  | 298 | 205 | 32.5 | 66 | 153 | 192 | 216 |
|             | D36 | DV100M  | 160 | 197 | 166 | 166 | 960  | 1045 | 309 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |     | DV100L  | 160 | 197 | 166 | 166 | 990  | 1075 | 339 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |     | DV112M  | 160 | 221 | 179 | 182 | 983  | 1063 | 332 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |     | DV132S  | 160 | 221 | 179 | 182 | 1028 | 1108 | 377 | 265 | 38   | 88 | 204 | 232 | 279 |
|             |     | DV132M  | 160 | 275 | 230 | 230 | 1115 | 1227 | 388 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|             | D46 | DV132ML | 160 | 275 | 230 | 230 | 1175 | 1287 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|             |     | DV160M  | 160 | 275 | 230 | 230 | 1175 | 1287 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |



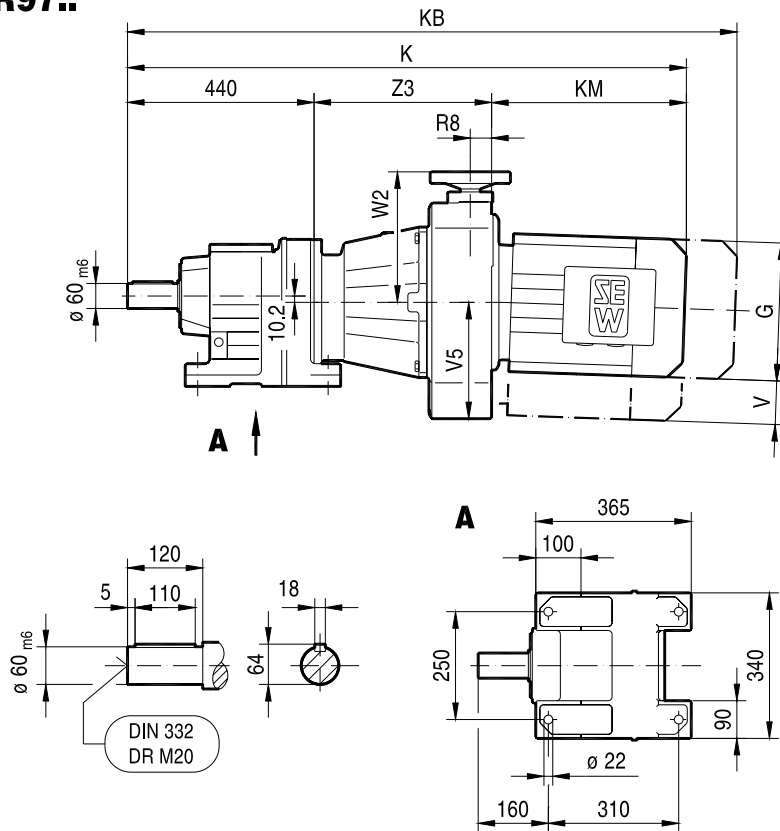
15 027 001

**RF87..****ø 300****ø 350**

| (→ 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RF87    | D26 | DT90..  | 100 | 197 | 154 | 161 | 836  | 921  | 248 | 205 | 32.5 | 66 | 153 | 192 | 216 |
|         |     | DV100M  | 100 | 197 | 166 | 166 | 886  | 971  | 298 | 205 | 32.5 | 66 | 153 | 192 | 216 |
|         | D36 | DV100M  | 160 | 197 | 166 | 166 | 960  | 1045 | 309 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV100L  | 160 | 197 | 166 | 166 | 990  | 1075 | 339 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV112M  | 160 | 221 | 179 | 182 | 983  | 1063 | 332 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV132S  | 160 | 221 | 179 | 182 | 1028 | 1108 | 377 | 265 | 38   | 88 | 204 | 232 | 279 |
|         |     | DV132M  | 160 | 275 | 230 | 230 | 1115 | 1227 | 388 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|         | D46 | DV132ML | 160 | 275 | 230 | 230 | 1175 | 1287 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1175 | 1287 | 448 | 305 | 45.5 | 91 | 232 | 259 | 355 |

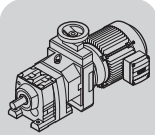


15 028 001

**R97..**

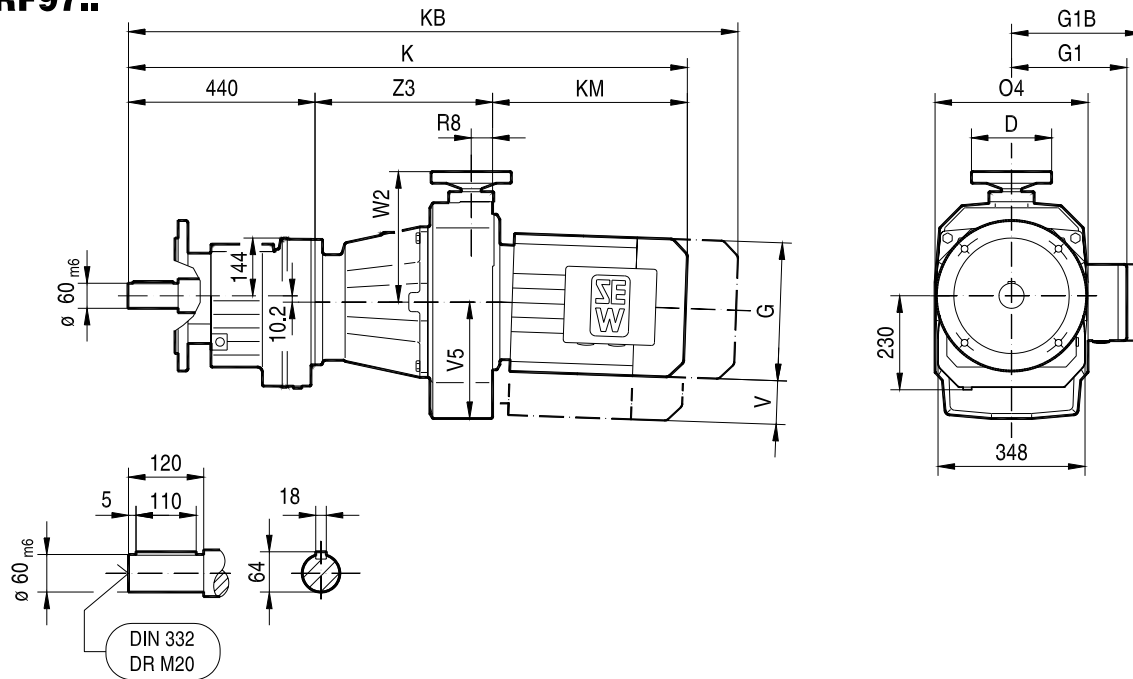
14

| ( $\rightarrow$ 151) |            |                | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|----------------------|------------|----------------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| <b>R97</b>           | <b>D36</b> | <b>DV100M</b>  | 160 | 197 | 166 | 166 | 1023 | 1108 | 309 | 265 | 38   | 88 | 204 | 232 | 274 |
|                      |            | <b>DV100L</b>  | 160 | 197 | 166 | 166 | 1053 | 1138 | 339 | 265 | 38   | 88 | 204 | 232 | 274 |
|                      |            | <b>DV112M</b>  | 160 | 221 | 179 | 182 | 1046 | 1126 | 332 | 265 | 38   | 88 | 204 | 232 | 274 |
|                      |            | <b>DV132S</b>  | 160 | 221 | 179 | 182 | 1091 | 1171 | 377 | 265 | 38   | 88 | 204 | 232 | 274 |
|                      | <b>D46</b> | <b>DV132M</b>  | 160 | 275 | 230 | 230 | 1177 | 1289 | 388 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|                      |            | <b>DV132ML</b> | 160 | 275 | 230 | 230 | 1237 | 1349 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|                      |            | <b>DV160M</b>  | 160 | 275 | 230 | 230 | 1237 | 1349 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |

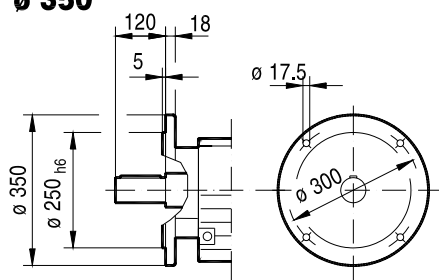


15 029 001

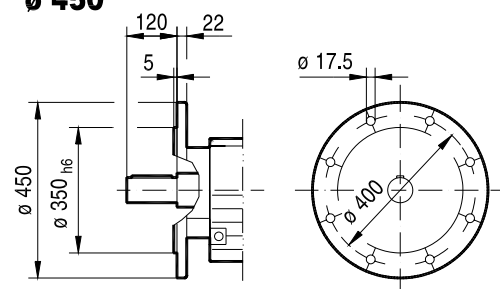
## RF97..



## ø 350

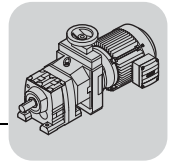


## ø 450

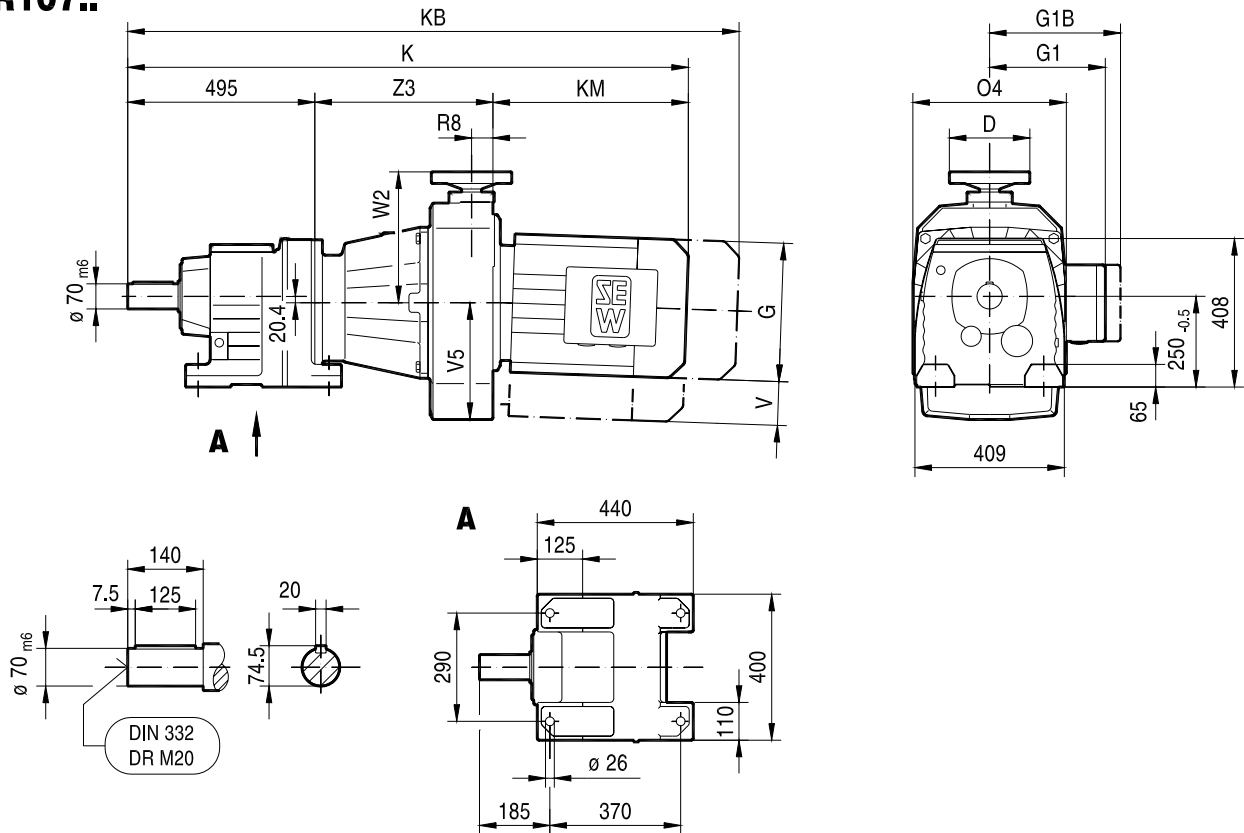


| (→ 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RF97    | D36 | DV100M  | 160 | 197 | 166 | 166 | 1023 | 1108 | 309 | 265 | 38   | 88 | 204 | 232 | 274 |
|         |     | DV100L  | 160 | 197 | 166 | 166 | 1053 | 1138 | 339 | 265 | 38   | 88 | 204 | 232 | 274 |
|         |     | DV112M  | 160 | 221 | 179 | 182 | 1046 | 1126 | 332 | 265 | 38   | 88 | 204 | 232 | 274 |
|         |     | DV132S  | 160 | 221 | 179 | 182 | 1091 | 1171 | 377 | 265 | 38   | 88 | 204 | 232 | 274 |
|         | D46 | DV132M  | 160 | 275 | 230 | 230 | 1177 | 1289 | 388 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|         |     | DV132ML | 160 | 275 | 230 | 230 | 1237 | 1349 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1237 | 1349 | 448 | 305 | 45.5 | 91 | 232 | 259 | 349 |

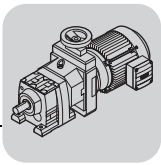




15 030 001

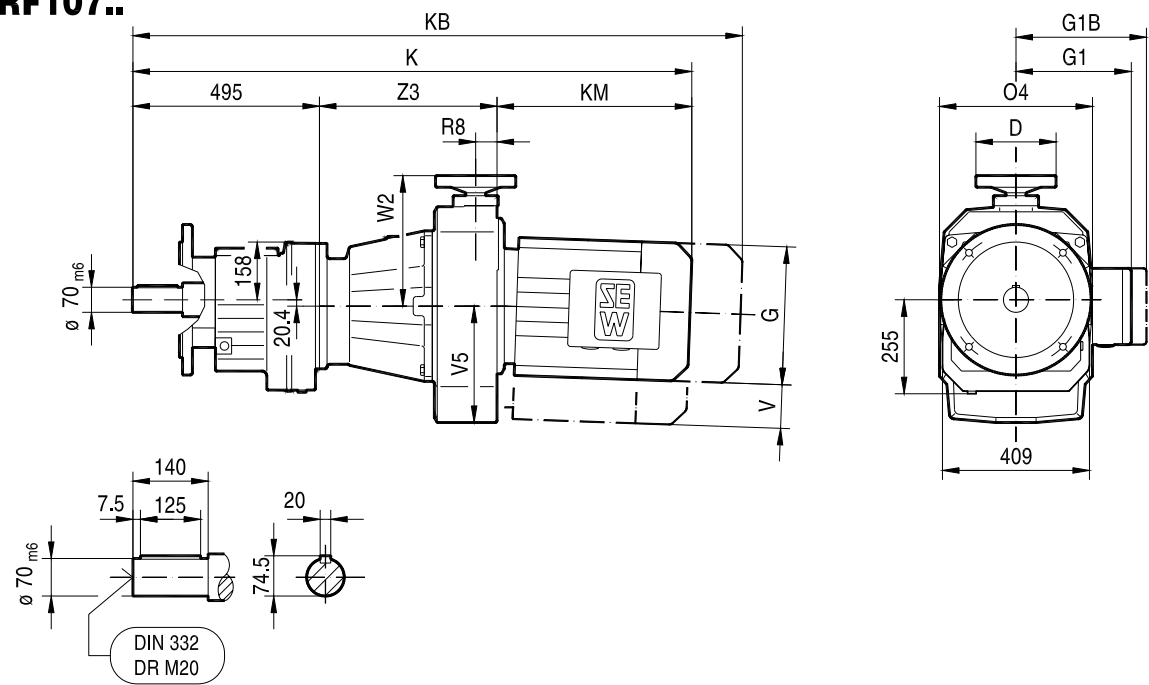
**R107..**

| (→ 151)     |            |                | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|-------------|------------|----------------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| <b>R107</b> | <b>D46</b> | <b>DV132M</b>  | 160 | 275 | 230 | 230 | 1227 | 1339 | 388 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|             |            | <b>DV132ML</b> | 160 | 275 | 230 | 230 | 1287 | 1399 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|             |            | <b>DV160M</b>  | 160 | 275 | 230 | 230 | 1287 | 1399 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |

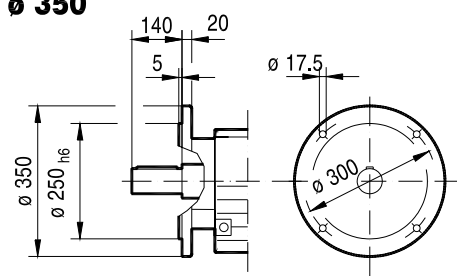


15 031 001

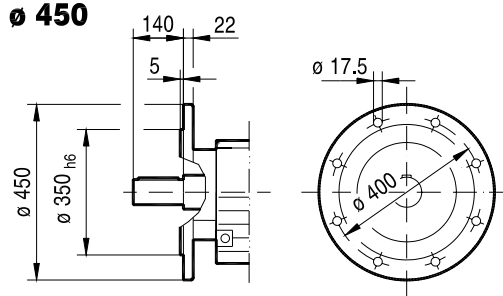
RF107..



ø 350



ø 450



| (→ 151) |     |         | D   | G   | G1  | G1B | K    | KB   | KM  | O4  | R8   | V  | V5  | W2  | Z3  |
|---------|-----|---------|-----|-----|-----|-----|------|------|-----|-----|------|----|-----|-----|-----|
| RF107   | D46 | DV132M  | 160 | 275 | 230 | 230 | 1227 | 1339 | 388 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|         |     | DV132ML | 160 | 275 | 230 | 230 | 1287 | 1399 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |
|         |     | DV160M  | 160 | 275 | 230 | 230 | 1287 | 1399 | 448 | 305 | 45.5 | 91 | 232 | 259 | 344 |