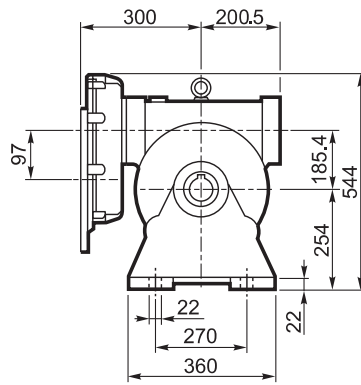
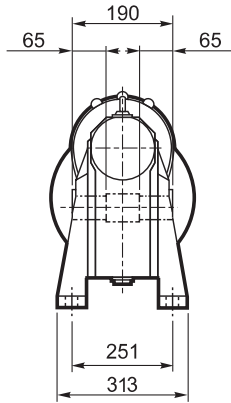
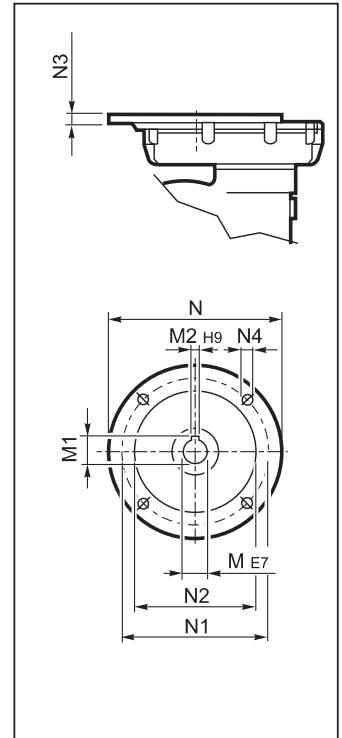


# VFR 185...P(IEC)

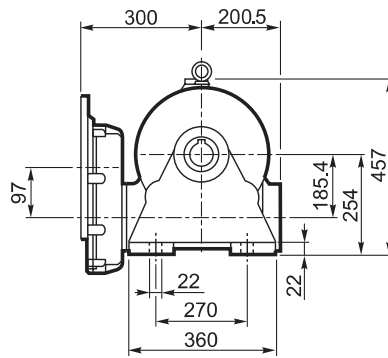
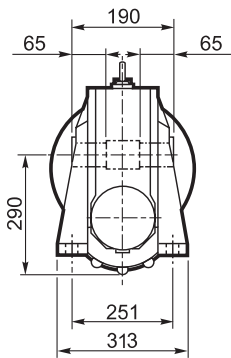
**A**



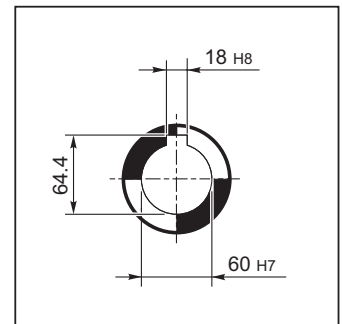
**INPUT**



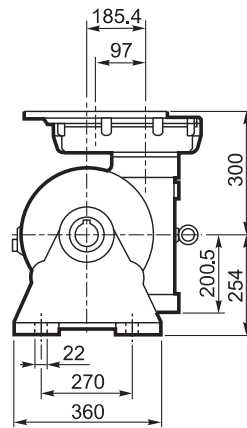
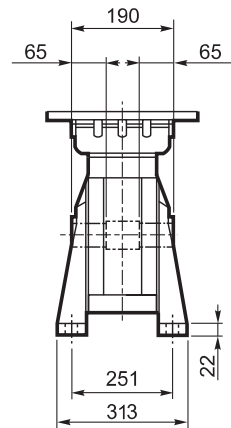
**N**



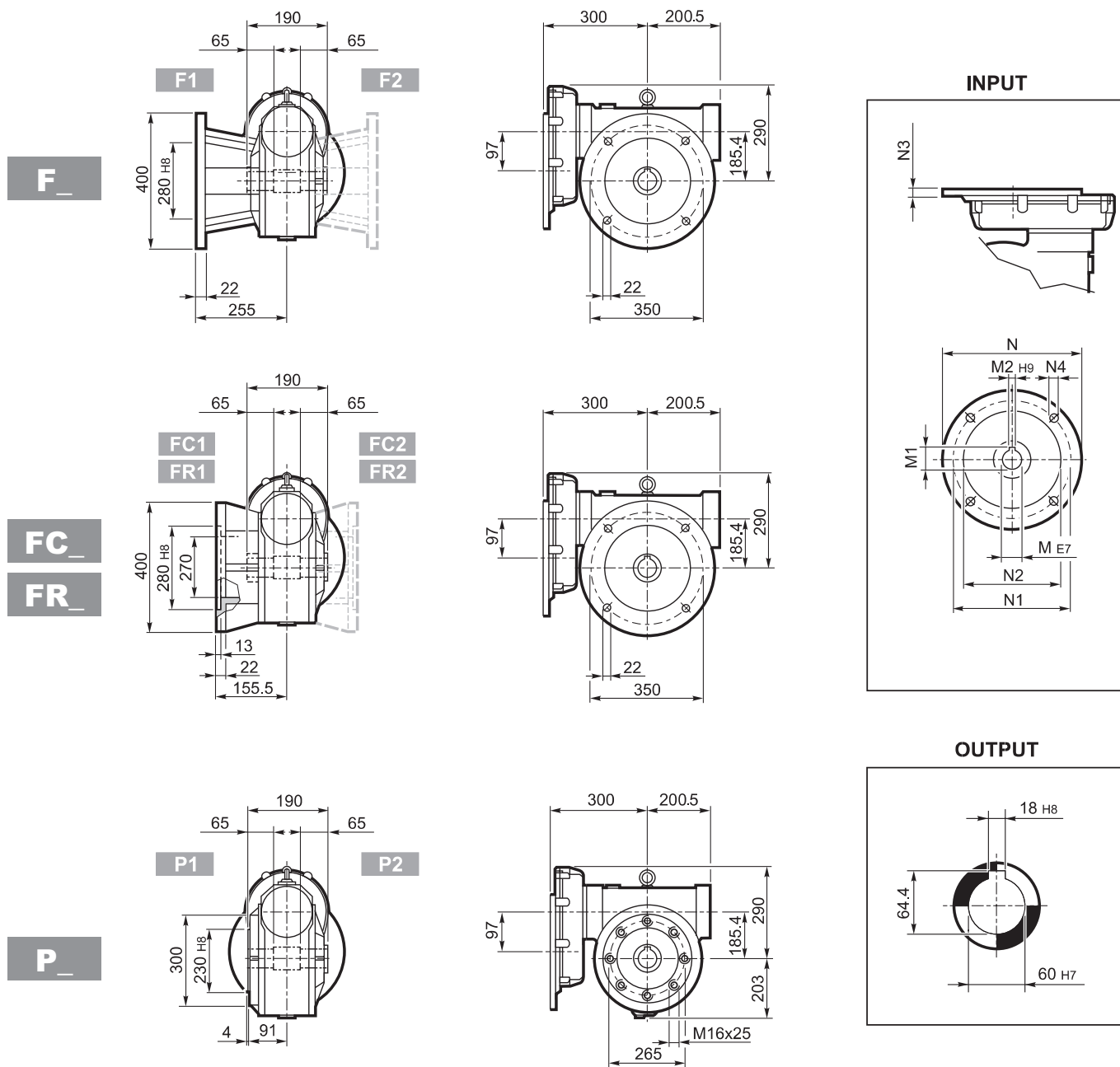
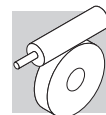
**OUTPUT**



**V**

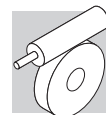


# VFR 185...P(IEC)



| VFR 185 |         |       |       |    |     |     |     |    |        |     |
|---------|---------|-------|-------|----|-----|-----|-----|----|--------|-----|
|         |         | M     | M1    | M2 | N   | N1  | N2  | N3 | N4     |     |
| VFR 185 | P90 B5  | 24 K6 | 27.3  | 8  | 200 | 165 | 130 | 13 | M10x25 | 110 |
| VRF 185 | P100 B5 | 28 K6 | 31.3  | 8  | 250 | 215 | 180 | 13 | M12x35 |     |
| VRF 185 | P112 B5 | 28 K6 | 31.3  | 8  | 250 | 215 | 180 | 13 | M12x35 |     |
| VFR 185 | P132 B5 | 38 J6 | 39.6# | 10 | 300 | 265 | 230 | 13 | M12x35 |     |

# Linguetta ribassata / Lowered key / Verkleinertes Paßfeder / Clavette à hauteur réduite



## VFR 185

4200 Nm

|                | i                            | $\eta_s$<br>% | $n_1 = 2800 \text{ min}^{-1}$  |                |                |               |                              |               | $n_1 = 1400 \text{ min}^{-1}$  |                |                |               |               |               |    |     |
|----------------|------------------------------|---------------|--------------------------------|----------------|----------------|---------------|------------------------------|---------------|--------------------------------|----------------|----------------|---------------|---------------|---------------|----|-----|
|                |                              |               | $n_{2-1}$<br>$\text{min}^{-1}$ | $M_{n2}$<br>Nm | $P_{n1}$<br>kW | $R_{n1}$<br>N | $R_{n2}$<br>N                | $\eta_d$<br>% | $n_{2-1}$<br>$\text{min}^{-1}$ | $M_{n2}$<br>Nm | $P_{n1}$<br>kW | $R_{n1}$<br>N | $R_{n2}$<br>N | $\eta_d$<br>% |    |     |
| <b>VFR 185</b> | VFR 185_90                   | 90            | 53                             | 31             | 2400           | 9.9           | 1700                         | 19000         | 80                             | 15.6           | 2800           | 6.0           | 1700          | 19500         | 76 | 175 |
|                | VFR 185_120                  | 120           | 43                             | 23.3           | 3100           | 10.2          | 1700                         | 19000         | 75                             | 11.7           | 3600           | 6.3           | 1700          | 19500         | 70 |     |
|                | VFR 185_150                  | 150           | 40                             | 18.7           | 2900           | 7.9           | 1700                         | 19000         | 72                             | 9.3            | 3300           | 4.8           | 1700          | 19500         | 67 |     |
|                | VFR 185_180                  | 180           | 38                             | 15.6           | 2600           | 6.1           | 1700                         | 19000         | 70                             | 7.8            | 3000           | 3.8           | 1700          | 19500         | 65 |     |
|                | VFR 185_240                  | 240           | 32                             | 11.7           | 2400           | 4.5           | 1700                         | 19000         | 65                             | 5.8            | 2800           | 2.9           | 1700          | 19500         | 59 |     |
|                | VFR 185_300                  | 300           | 29                             | 9.3            | 2000           | 3.2           | 1700                         | 19000         | 61                             | 4.7            | 2300           | 2.0           | 1700          | 19500         | 55 | 175 |
|                | $n_1 = 900 \text{ min}^{-1}$ |               |                                |                |                |               | $n_1 = 500 \text{ min}^{-1}$ |               |                                |                |                |               |               |               |    |     |
|                | VFR 185_90                   | 90            | 53                             | 10.0           | 3200           | 4.6           | 1700                         | 19500         | 73                             | 5.6            | 3500           | 2.9           | 1700          | 19500         | 71 |     |
|                | VFR 185_120                  | 120           | 43                             | 7.5            | 3800           | 4.5           | 1700                         | 19500         | 66                             | 4.2            | 4200           | 2.9           | 1700          | 19500         | 63 |     |
|                | VFR 185_150                  | 150           | 40                             | 6.0            | 3400           | 3.4           | 1700                         | 19500         | 63                             | 3.3            | 3700           | 2.2           | 1700          | 19500         | 60 |     |
| VFR 185_180    | 180                          | 38            | 5.0                            | 3300           | 2.9            | 1700          | 19500                        | 60            | 2.8                            | 3600           | 1.8            | 1700          | 19500         | 57            |    |     |
| VFR 185_240    | 240                          | 32            | 3.8                            | 2800           | 2.0            | 1700          | 19500                        | 54            | 2.1                            | 2900           | 1.2            | 1700          | 19500         | 53            |    |     |
| VFR 185_300    | 300                          | 29            | 3.0                            | 2400           | 1.5            | 1700          | 19500                        | 50            | 1.7                            | 2500           | 0.91           | 1700          | 19500         | 48            |    |     |

## VFR 185

|                | i            | $J \cdot 10^{-4} \text{ [ Kg m}^2 \text{ ]}$ |      |      |      |      |      |    |    |
|----------------|--------------|--|------|------|------|------|------|----|----|
|                |              | P90  | P100 | P112 | P132 | P160 | P180 | HS |    |
| <b>VFR 185</b> | VFR 185_25   | 25   | —    | —    | —    | 24   | —    | —  | —  |
|                | VFR 185_37.5 | 37.5   | —    | —    | —    | 17   | —    | —  | —  |
|                | VFR 185_50   | 50   | —    | —    | —    | 17   | —    | —  | —  |
|                | VFR 185_75   | 75   | —    | —    | —    | 15   | —    | —  | —  |
|                | VFR 185_100  | 100  | —    | —    | —    | 16   | —    | —  | —  |
|                | VFR 185_30   | 30   | 17   | 17   | 17   | —    | —    | —  | 18 |
|                | VFR 185_45   | 45   | 12   | 12   | 12   | —    | —    | —  | 13 |
|                | VFR 185_60   | 60   | 12   | 12   | 12   | —    | —    | —  | 13 |
|                | VFR 185_90   | 90   | 10   | 10   | 10   | —    | —    | —  | 11 |
|                | VFR 185_120  | 120  | 11   | 11   | 11   | —    | —    | —  | 12 |
|                | VFR 185_150  | 150  | 10   | 10   | 10   | —    | —    | —  | 11 |
|                | VFR 185_180  | 180  | 9.9  | 9.9  | 9.9  | —    | —    | —  | 11 |
|                | VFR 185_240  | 240  | 9.6  | 9.6  | 9.6  | —    | —    | —  | 11 |
| VFR 185_300    | 300          | 9.5  | 9.4  | 9.4  | —    | —    | —    | 10 |    |