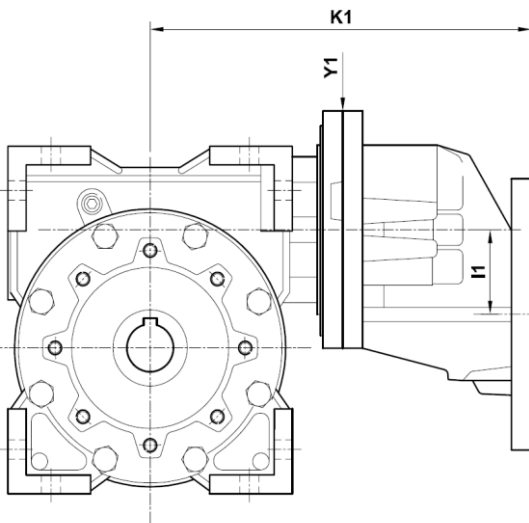




### Summary

The helical gearboxes series FXA are manufactured as follows: aluminium die cast housing and covers, helical gears in alloy steel, case hardened, tempered and shaved. Gears - designed and verified according to ISO 6336 and DIN 3990 - and bearings are calculated for at least 15,000 running hour average lifetime. Keyways according to DIN 6884.

### Dimensions



| Size                            | I1 | K1  | Y1  | Wt (kg) |
|---------------------------------|----|-----|-----|---------|
| <a href="#">FCNDK40/FXA63</a>   | 32 | 153 | 105 | 3.8     |
| <a href="#">FCNDK50/FXA63</a>   | 32 | 163 | 105 | 5.0     |
| <a href="#">FCNDK50/FXA71</a>   | 40 | 170 | 120 | 5.7     |
| <a href="#">FCNDK63/FXA63</a>   | 32 | 278 | 105 | 7.7     |
| <a href="#">FCNDK63/FXA71</a>   | 40 | 185 | 120 | 8.4     |
| <a href="#">FCNDK63/FXA80</a>   | 50 | 209 | 140 | 9.2     |
| <a href="#">FCNDK75/FXA71</a>   | 40 | 203 | 120 | 11.2    |
| <a href="#">FCNDK75/FXA80</a>   | 50 | 227 | 140 | 12.0    |
| <a href="#">FCNDK90/FXA71</a>   | 40 | 220 | 120 | 15.2    |
| <a href="#">FCNDK90/FXA80</a>   | 50 | 244 | 140 | 16.0    |
| <a href="#">FCNDK110/FXA80</a>  | 50 | 274 | 140 | 38.0    |
| <a href="#">FCNDK110/FXA100</a> | 63 | 337 | 200 | 42.0    |
| <a href="#">FCNDK130/FXA100</a> | 63 | 357 | 200 | 55.0    |
| <a href="#">FCNDK150/FXA100</a> | 63 | 390 | 250 | 91.0    |

| Size   | Performance |      |     | Motor Input Options |          |          |          |          |           |
|--------|-------------|------|-----|---------------------|----------|----------|----------|----------|-----------|
|        | Ratio       | KW   | Nm  | 56B14-B5            | 63B14-B5 | 71B14-B5 | 80B14-B5 | 90B14-B5 | 100B14-B5 |
| FXA63  | 3.53        | 0.50 | 12  |                     |          |          |          |          |           |
|        | 6.18        | 0.23 | 10  |                     |          |          |          |          |           |
|        | 7.77        | 0.18 | 9   |                     |          |          |          |          |           |
| FXA71  | 3.53        | 1.10 | 26  |                     |          |          |          |          |           |
|        | 6.40        | 0.52 | 22  |                     |          |          |          |          |           |
|        | 8.00        | 0.37 | 20  |                     |          |          |          |          |           |
| FXA80  | 3.42        | 3.10 | 68  |                     |          |          |          |          |           |
|        | 6.40        | 1.50 | 65  |                     |          |          |          |          |           |
|        | 8.30        | 1.10 | 60  |                     |          |          |          |          |           |
| FXA100 | 3.88        | 8.70 | 235 |                     |          |          |          |          |           |
|        | 6.23        | 4.00 | 163 |                     |          |          |          |          |           |
|        | 8.40        | 2.20 | 136 |                     |          |          |          |          |           |

The FXA gearboxes are delivered filled With synthetic long-life oil (without plugs) and in the appropriate quantity to install them in any mounting position without prior specification.