# brushless EC motor, external rotor (integr. electr.) with angle gearhead EtaCrownPlus 63

VDC-3-49.15-B00-K4 - EtaCrownPlus 63



**Characteristics of the drive solution**

| Typ | Unit | Value |
|---|---|---|
| Order number | - | VG.VDC4915BK4.ECP63.3.85 |
| Output power | W | 73.0 |
| Output torque | Nm | 15.0 |
| Output speed | rpm | 47.2 |

**Motor**

| Typ | Unit | Value |
|---|---|---|
| Type of motor | - | brushless EC motor, external rotor (integr. electr.) |
| Motor designation | - | VDC-3-49.15-B00-K4 |
| Voltage | V | 24 |
| Output speed | rpm | 4000 |
| Nominal power | W | 100.0 |
| Rated current | A | 5.2 |
| Torque | Ncm | 23.9 |
| weight of Motor | kg | 0.59 |

**Gearbox**

| Typ | Unit | Value |
|---|---|---|
| Type of gear | - | angle gearhead |
| name of gearbox | - | EtaCrownPlus 63 |

| | | |
|---|---|---|
| No of reduction stages | - | 3 |
| Untersetzung | - | 84.8 |
| Max. nominal torque | Nm | 40.0 |
| Efficiency | - | 73% |
| Output shaft bearing | - | combined sliding / ball bearing |
| Lubrication | - | maint. free-grease lubricated for life |
| Gearhead play | - | about 0.7° to 1.2° |