

## 10 Nm Right-angle gearbox with 194 and 255 W motor 255 W Part number 80891010



- Output perpendicular to motor
- Ideal for short reduction ratios
- Silent-running gearbox
- Non-reversible movement at high ratios
- UL approved

### Part numbers

	Type	Type	Voltages	Speed (rpm)	Available torque (Nm)	Ratios
<b>80891010</b>	255 W	808910	48 V	107	3,4	30

### Specifications

#### General characteristics

Motor	828900
Gearbox	810410
Maximum permitted torque (Nm)	10
Axial load dynamic (daN)	10
Radial load dynamic (daN)	15
Operating temperature range (°C)	-10 → +40
Temperature rise at 50 % cycle (°C)	50
Service life (h)	5000*
Weight (g)	2520
Approvals	UL 1004

### Comments

Operating conditions :

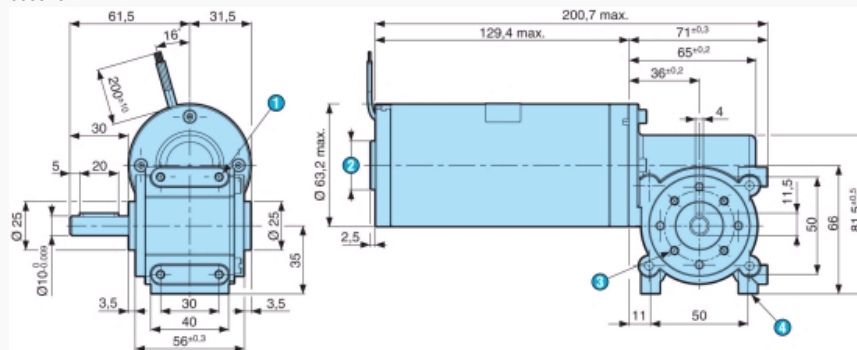
\* either : 50 % load factor (30 s On - 30 s Off) under nominal motor torque and at an ambient temperature of 25 °C

\* or : Continuous operation at 50 % of nominal torque and at an ambient temperature of 25 °C

In all cases the maximum temperature at the gearbox casing must not exceed 75 °C

### Dimensions (mm)

808910



N°	Legend
1	4 x M5 depth 8 mm
2	Centring diameter
3	4 x M4 over Ø 36 - depth 8 mm
4	4 x M5 - depth 8 mm

### Precautions for use

\* Operation at available torque with a 50 % load factor to prevent overheating, or continuous operation at 50 % of available torque.

**Product adaptations**

- Encoder with 1, 5, 12 pulses/revolution - 1 or 2 channels, or 48 pulses/revolution - 1 channel
- 2-channel encoder, 200, 500 or 1000 pulses/revolution
- Left-hand, right-hand, double, special shaft
- Special connectors
- Special reduction ratio
- UL/CSA logo on label