

**Ø 24.4 mm 1.4 Watts 1.4 W Part number 82710002**


- Long service life
- Resistant to prolonged jamming
- Class A EMC interference suppression
- Compatible with 6 V, 9 V or 12 V battery power supply
- Optional class B interference suppression
- Optional encoder

**Part numbers**

	Type	Type	Voltage	References
<b>82710002</b>	1.4 W	827100	24 V	Without option

**Specifications**
**No-load characteristics**

Speed of rotation (rpm)	4460
Absorbed power (W)	0,36
Absorbed current (A)	0,015

**Nominal characteristics**

Speed (rpm)	3320
Torque (mNm)	3
Usable power (W)	1,04
Absorbed power (W)	1,82
Absorbed current (A)	0,076
Gearbox case temperature rise (°C)	10
Efficiency (%)	57

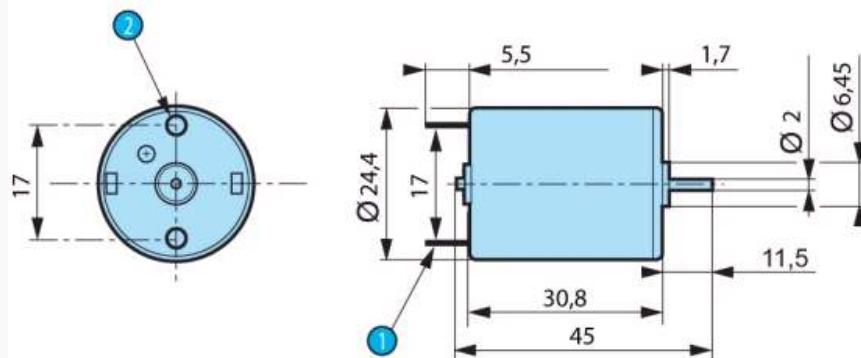
**General characteristics**

Conformity to standard EN 55022 (radiated EMC)	Class A
Temperature rise conf. to EN 60950	■
Coil wire insulation class	H
Protection rating	IP 30
Max. output power (W)	1,40
Start torque (mNm)	12
Starting current (A)	0,25
Resistance (Ω)	96
Inductance (mH)	144
Torque constant (Nm/A)	0,047
Electrical time constant (ms)	1,5
Mechanical time constant (ms)	32
Thermal time constant (mn)	5
Inertia (g.cm <sup>2</sup> )	7
Weight (g)	50
Number of segments	3
Service life (h)	4000
Sintered bronze bearings	■

**Made to order products, available on request**

- 1, 5 or 12 pulse encoder
- characteristics as per specification

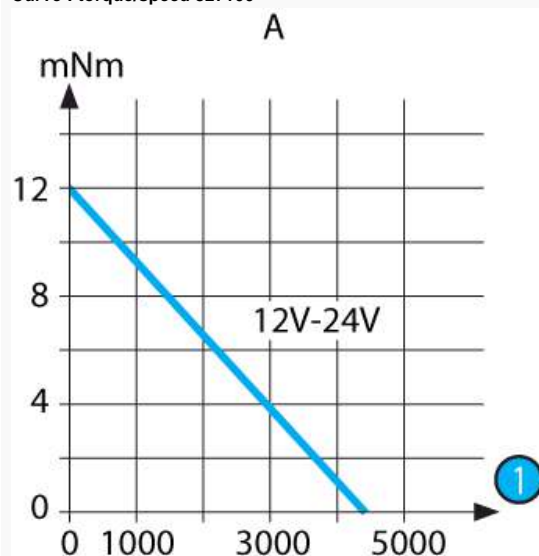
**Dimensions (mm)**
**82710001 - 82710002**



N°	Legend
1	2 solder tags 2.8 x 0.5 mm
2	2 holes M3 depth 2.3 max.

## Curves

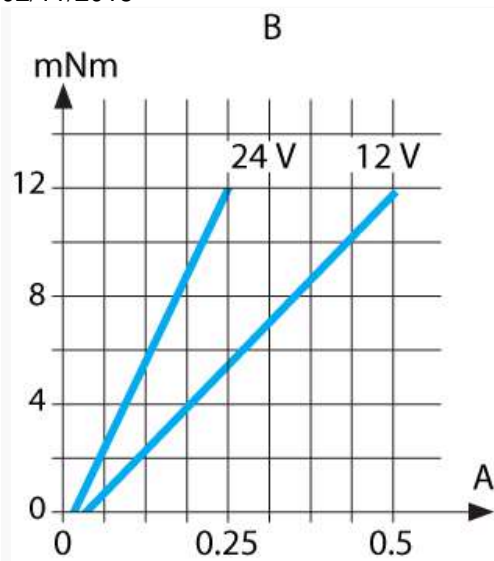
Curve : torque/speed 827100



N°	Legend
1	rpm

## Curves

Curve : torque/current 827100

**Product adaptations**

- Encoder with different number of pulses per revolution
- Push-fit pinion
- Additional connectors