

Ø 24.4 mm 1.4 Watts 1.4 W Part number 82710001


- 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
82710001	1.4 W	827100	12 V	Without option

Specifications
No-load characteristics

Speed of rotation (rpm)	4490
Absorbed power (W)	0,36
Absorbed current (A)	0,03

Nominal characteristics

Speed (rpm)	3365
Torque (mNm)	3
Usable power (W)	1,06
Absorbed power (W)	1,80
Absorbed current (A)	0,15
Gearbox case temperature rise (°C)	10
Efficiency (%)	59

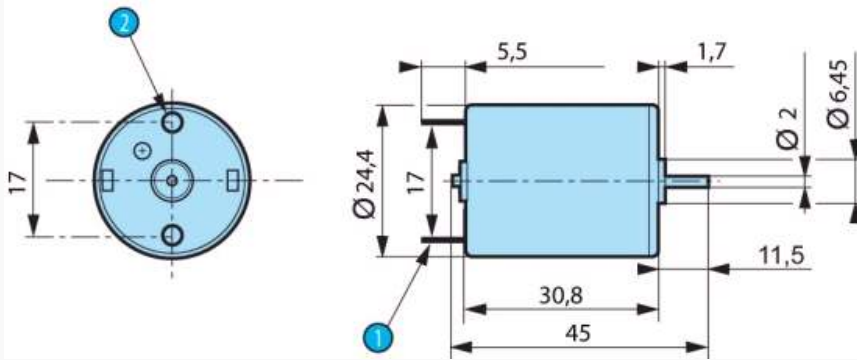
General characteristics

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)	0,51
Resistance (Ω)	24
Inductance (mH)	33
Torque constant (Nm/A)	0,023
Electrical time constant (ms)	1,4
Mechanical time constant (ms)	32
Thermal time constant (mn)	5
Inertia (g.cm ²)	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

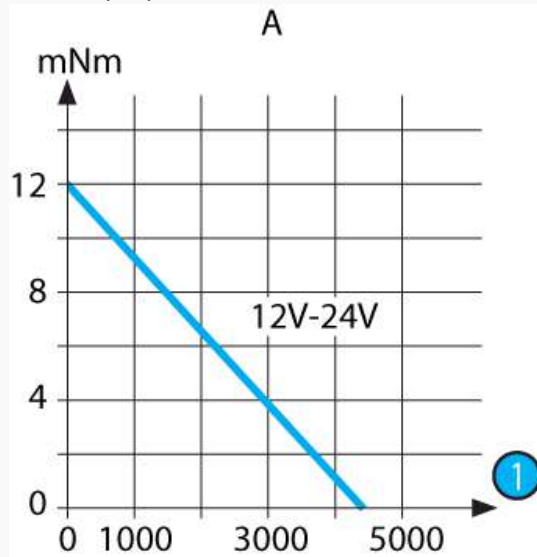
Dimensions (mm)
82710001 - 82710002



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

Curves

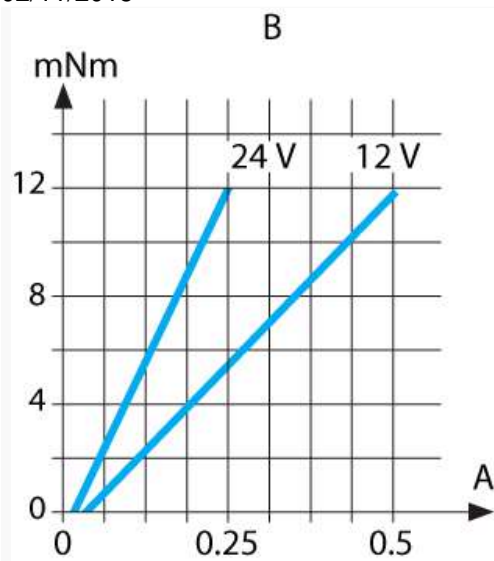
Curve : torque/speed 827100



N°	Legend
①	rpm

Curves

Curve : torque/current 827100



Product adaptations



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