

### 0.5 Nm RPT5 1.4 and 3.2 Watts 1.4 W Part number 82712002



- Gearbox 0.5 Nm
- Motor power max. 3.2 W
- Class A EMC interference suppression (radiated)
- Compatible with 6 V, 9 V or 12 V battery power supply
- Optional class B interference suppression
- Optional 1, 5, 12 or 48 pulses/rev encoder

#### Part numbers

|          | Type  | Type   | Voltage | Output speed (rpm) | Ratios (i) |
|----------|-------|--------|---------|--------------------|------------|
| 82712002 | 1.4 W | 827120 | 12 V    | 342                | 9,76       |

#### Specifications

##### General characteristics

|  |          |
|--|----------|
| Motor  | 82710001 |
| Gearbox  | 810220   |
| Maximum permitted torque from gearmotor under continuous conditions (for 0.5 million turns) (Nm) | 0,5      |
| Axial load static (daN)  | 1        |
| Radial load static (daN)   | 4        |
| Max. output power (W)  | 1,4      |
| Nominal output (W)   | 1        |
| Gearbox case temperature rise (°C)   | 40       |
| Weight (g)   | 80       |

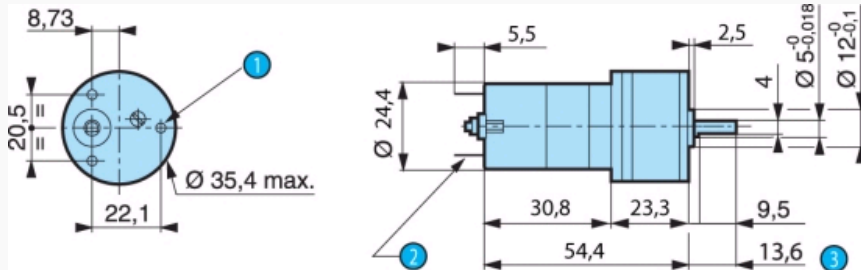
#### Made to order products, available on request

For more than 1000 pieces

- 48 pulses/rev encoder
- Class B filter
- Case N°2 (for other fixing points see diagram) ; check whether mounting is possible
- Gearbox shaft
- Connections
- For other types please consult Crouzet

#### Dimensions (mm)

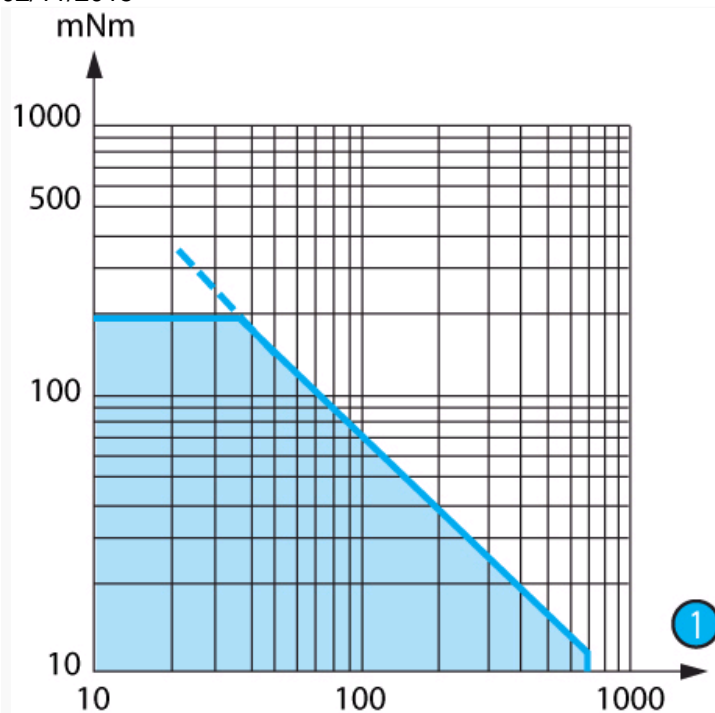
827120



| N° | Legend                     |
|----|----------------------------|
| ①  | 3 fixing holes M3          |
| ②  | 2 solder tags 2.8 x 0.5 mm |
| ③  | (Pushed-in shaft)          |

#### Curves

Curve : torque/nominal speed 827120



| N° | Legend |
|----|--------|
| 1  | rpm    |

#### Product adaptations



- Special supply voltage
- Lead output
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special adaptor plate
- Class B EMC filter
- Greasing at low temperature
- 1 to 48 pulses/revolution encoder