

## 2 Nm double ovoid 3.9 Watts 3.9 W Part number 82869008



- Torque rating of gearboxes : 2 Nm, high-performance plastic gears
- Motors : nominal power 3 W, interference suppression for standard stocked products
- Wide speed range : 0.3 to 430 rpm
- Optional encoder built into the motor

### Part numbers

|          | Type  | Type   | Voltage | Output speed (rpm) | Ratios (i) |
|----------|-------|--------|---------|--------------------|------------|
| 82869008 | 3.9 W | 828690 | 12 V    | 13                 | 320        |

### Specifications

#### General characteristics

|                                                                                              |        |
|----------------------------------------------------------------------------------------------|--------|
| Motor                                                                                        | 828600 |
| Gearbox                                                                                      | 810330 |
| Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm) | 2      |
| Axial load static (daN)                                                                      | 1      |
| Radial load static (daN)                                                                     | 10     |
| Max. output power (W)                                                                        | 3,9    |
| Nominal output (W)                                                                           | 3      |
| Gearbox case temperature rise (°C)                                                           | 50     |
| Weight (g)                                                                                   | 240    |

### Made to order products, available on request

#### Motors :

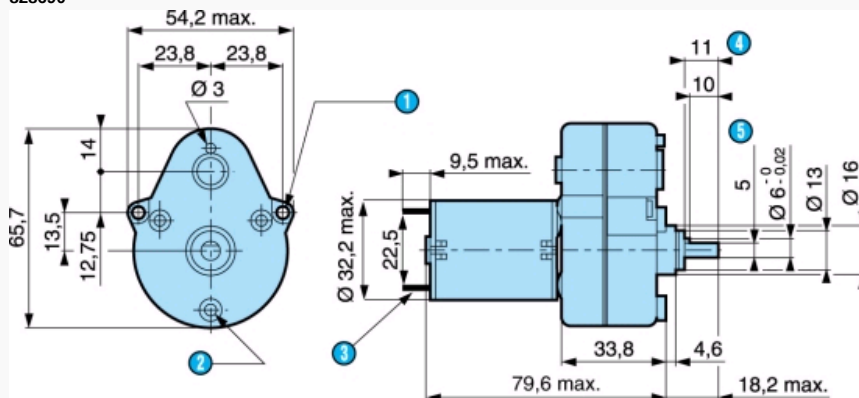
- Other supply voltages
- Motor with 2 ball bearings
- Shaft lengths at front and/or rear
- Lead outputs or radial tag terminals
- Special interference suppression
- Encoder : 5 pulses/rev

#### Gearboxes :

- Special shaft
- Ball bearings
- Special greasing
- Torque limiter F
- Gearbox fixing M3
- Other speeds

### Dimensions (mm)

828690

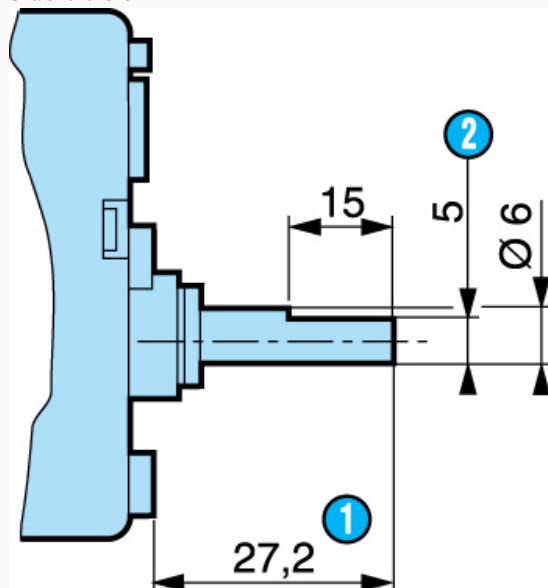


| N° | Legend                                         |
|----|------------------------------------------------|
| ①  | 2 fixing holes Ø 3.2                           |
| ②  | 3 bosses Ø 7.2 at 120° on R=19.5 with M3 holes |

|   |                                                 |
|---|-------------------------------------------------|
| ① | 2 standard tags NFC 20-120, series 2.8 x 0.5 mm |
| ④ | Shaft pushed-in                                 |
| ⑤ | 5 across flats                                  |

### Dimensions (mm)

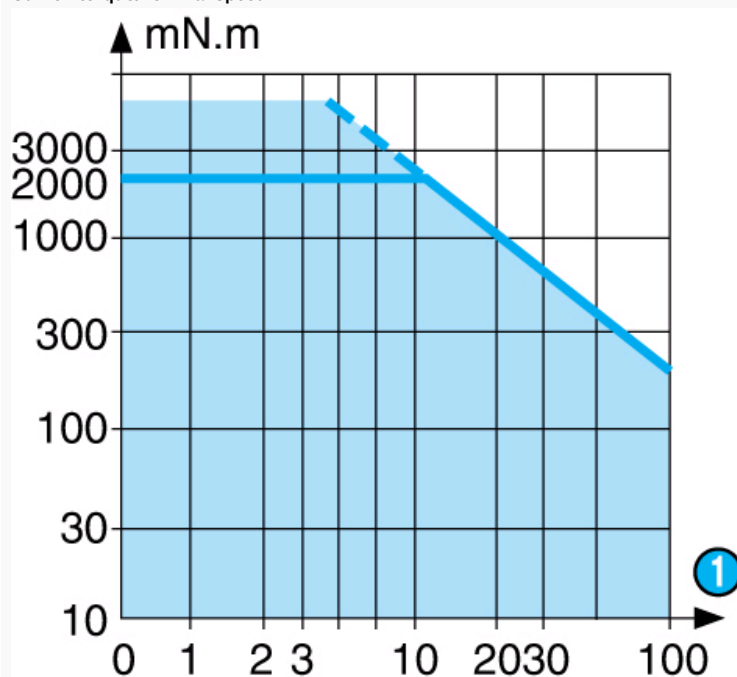
Shaft 79202573



| N° | Legend          |
|----|-----------------|
| ①  | Shaft pushed-in |
| ②  | 5 across flats  |

### Curves

Curve : torque/nominal speed



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

**Product adaptations**

- Special supply voltage
- Lead output
- 1 or 5 pulse Hall effect encoder
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- Finishing and system Y
- More than 200 reduction ratios available
- With shorter 1 W motor

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82869008