



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 2 Nm double ovoid 1.4 and 3.2 Watts 3.2 W Part number 82729001



- Gearbox 2 Nm nominal
- 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) |
|----------|-------|--------|---------|--------------------|------------|
| 82729001 | 3.2 W | 827290 | 12 V    | 21                 | 160        |

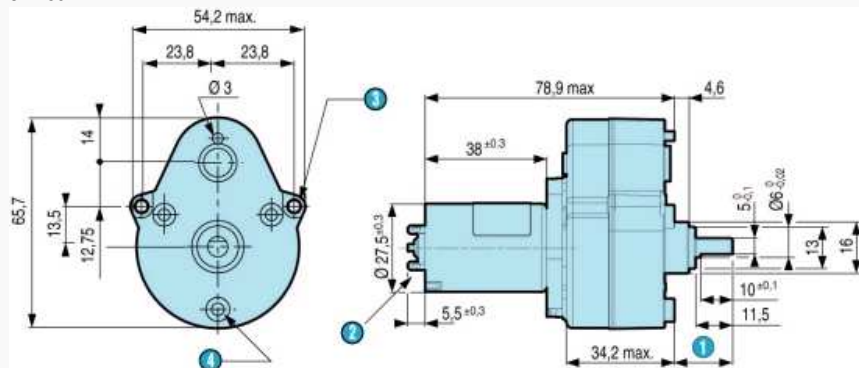
### Specifications

#### General characteristics

|  |          |
|--|----------|
| Motor  | 82720001 |
| 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)  | 3,2      |
| Nominal output (W)   | 2,6      |
| Gearbox case temperature rise (°C)   | 40       |
| Weight (g)   | 220      |

### Dimensions (mm)

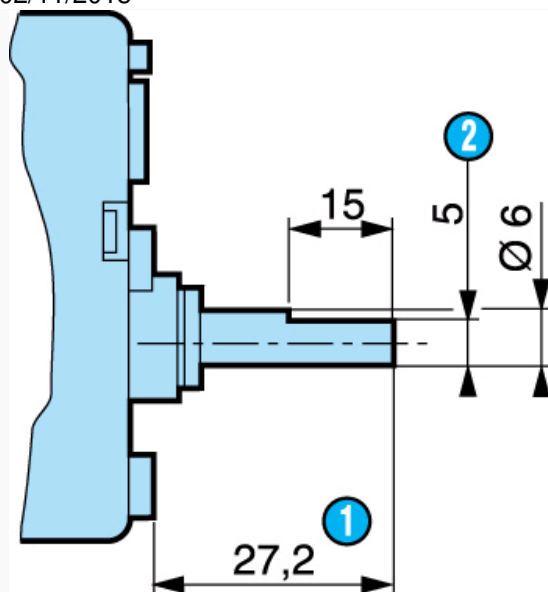
827290



| N° | Legend   |
|----|--|
| ①  | 18.2 mm max. shaft pushed-in                                 |
| ②  | 2 solder tags 2.8 x 0.5 mm                                   |
| ③  | 2 fixing holes Ø 3.2 mm                                      |
| ④  | 3 bosses Ø 7.2 at 120° on R=19.5 with M3 holes, depth : 4 mm |

### Dimensions (mm)

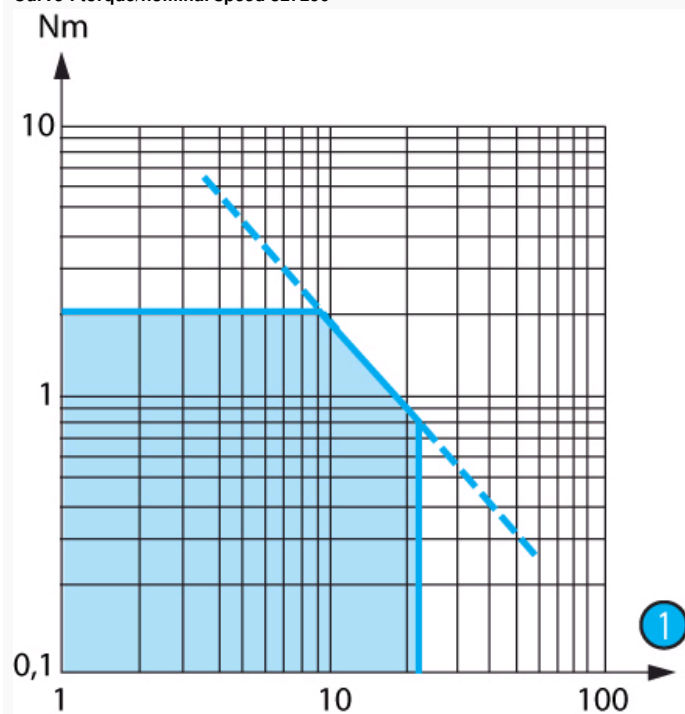
Shaft 79202573



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

### Curves

Curve : torque/nominal speed 827290



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

### Product adaptations



- Special supply voltage
- Lead output
- Special connectors
- Special shaft
- Special reduction ratio

- Special materials for gears
- Special ball bearings
- Special adaptor plate
- Class B EMC filter
- Friction
- Y system
- Greasing at low temperature
- 1 to 48 pulses/revolution encoder