



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!



## Contact us

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### 0.5 Nm RPT5 1.4 and 3.2 Watts 1.4 W Part number 82712012



- 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)
82712012	1.4 W	827120	24 V	35	95

#### Specifications

##### General characteristics

Motor	82710002
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

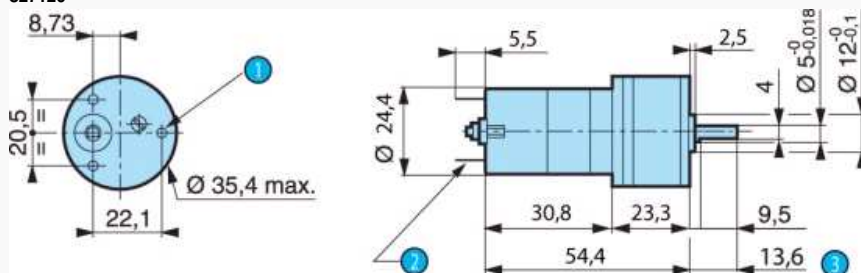
#### Made to order products, available on request

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)

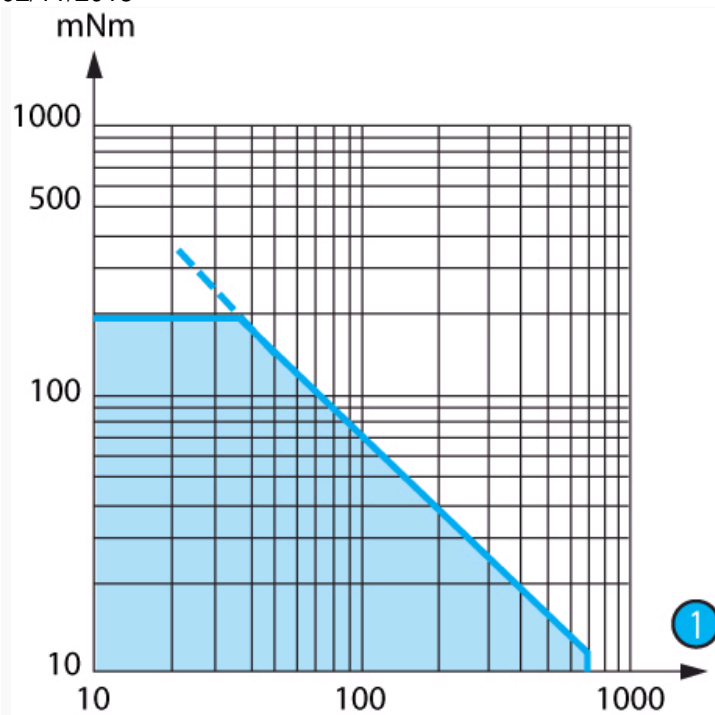
827120



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