



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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0.5 Nm RPT5 3.9 Watts 3.9 W Part number made to order



- Torque rating of gearbox : 0.5 Nm, sintered metal gears
- Motors : nominal power 3 W, interference suppression for standard stocked products
- Speed range : 1 to 895 rpm
- Optional encoder built into the motor

Part numbers

	Type	Type	Voltage	Output speed (rpm)	Ratios (i)
82862001	3.9 W	828620/2	12 V	440	9,76

Specifications

General characteristics

Motor	828600
Gearbox	810120 / 810122
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)	0,5
Axial load static (daN)	1
Radial load static (daN)	8
Max. output power (W)	3,9
Nominal output (W)	3
Gearbox case temperature rise (°C)	50
Weight (g)	160 / 170

Made to order products, available on request

Motors :

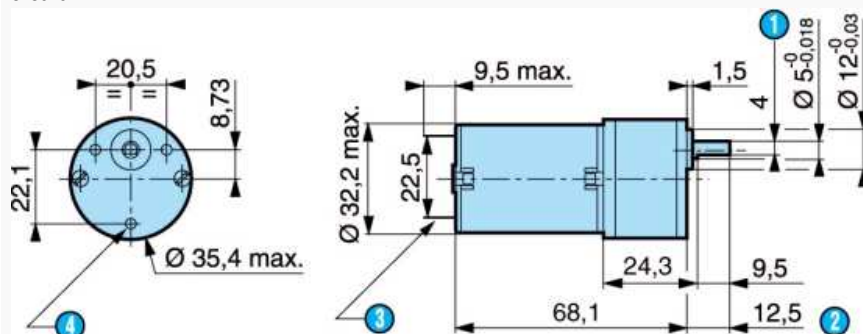
- other supply voltages
- motors with 2 ball bearings
- shaft lengths at front and/or rear
- connection by radial tags or leads
- specific interference suppression
- encoder : 5 pulses per revolution

Gearboxes :

- special shaft, no flat/length
- ball bearings
- special fixings
- other reduction ratios
- special lubrication

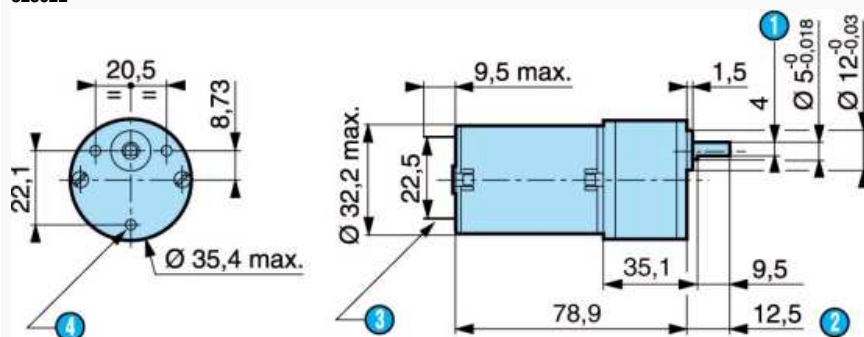
Dimensions (mm)

828620



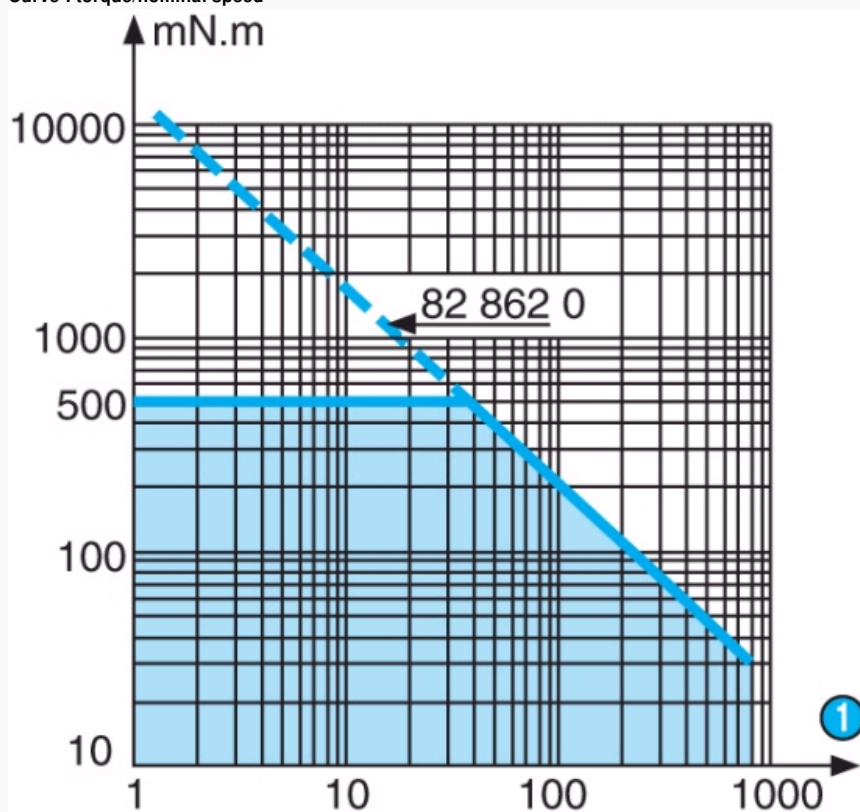
N°	Legend
①	4 across flats
②	Shaft pushed-in
③	2 standard tags NFC 20-120, series 2.8 x 0.5 mm
④	3 holes M3 depth 4.5 mm

828622



N°	Legend
1	4 across flats
2	Shaft pushed-in
3	2 standard tags NFC 20-120, series 2.8 x 0.5 mm
4	3 holes M3 depth 4.5 mm

Curve : torque/nominal speed



N°	Legend
	rpm

- Special supply voltage
- Lead output
- 1 or 5 pulse Hall effect encoder
- Special connectors
- Special shaft

- Special reduction ratio
- Special materials for pinion
- Special ball bearings
- Special adaptor plate
- EMC filter
- With shorter 1 W motor