

## 0.5 Nm 3 Watts 3 Watts Part number made to order



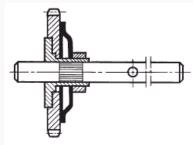
- Mechanical strength: 0,5 Nm
- Constant speed, dependent on supply frequency
- Wide range of speeds available
- Direction of rotation controlled by long-life mechanical anti-return device
- Permanent magnet rotor

### Part numbers

Туре	e 1	Гуре	Output speed	Ratios (i)	Direction of rotation	Voltages/Frequencies
<b>82 344 758</b> 3 Wat	atts 8	2 344 0	3 rpm	200	Clockwise	230 V 50 Hz

### **Specifications**

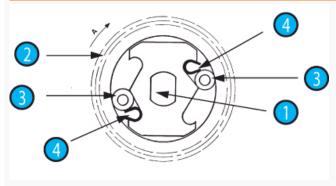
Motor	82 340 0
Gearbox	81 021 0
Maximum permitted torque from gearmotor under continuous conditions for 1 millions turns of the	0.5
gearmotor (Nm)	
Axial load static (daN)	1
Radial load static (daN)	8
Absorbed power (W)	3
Motor output (W)	0,16
Maximum temperature rise (°C)	55
Ambient temperature (°C)	-5 →+60
Weight (g)	160
Wires length mm (approximately)	250
Protection rating	IP40



This device is situated inside the gearbox and is particularly recommended when gearbox protection is required in the event of accidental overloading. In this system, the final gear is connected to the gearbox output shaft by means of a friction assembly.

In some cases, this device can be used for time adjustment or zero reset on timers.

- The standard torque setting is from :
   1.8 to 2.5 cm/kg for gearbox 810210
- 7 to 10 cm/kg for gearbox 810330



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This device, situated inside the gearbox, enables the output shaft to be rotated by an external force (manual or mechanical) independently of the final wheel of the gearbox.

#### Description

A specially shaped cam (1) is directly fitted on the gearbox output shaft. The final wheel (2) of the gearbox pivots freely on this shaft and has a housing into which the cam fits (1). Between the cam and final wheel two rollers are symmetrically located held in place under the pressure of two springs (4).

When the geared motor is energised, it causes the final wheel (2) to rotate which, via the two rollers (3), in turn drives the output shaft.

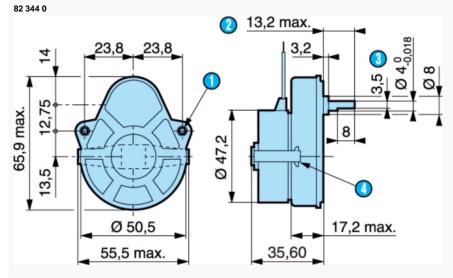
If, under external force, the output shaft is turned in the same direction as the final wheel but at a higher speed, the two rollers (3) release the final wheel and the shaft speed becomes independent of the speed of the final wheel.

The rollers can be located according to whether the final wheel is rotating clockwise or anti-clockwise.

Can be used with gearboxes 81 021 0 and 81 033 0.

N°	Legend
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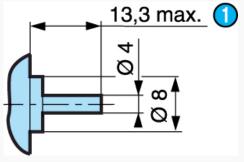
#### Dimensions (mm



No	Legend	
0	2 fixing holes Ø 3.2	
<b>②</b>	(pushed-in shaft)	
0	3.5 across flat	
0	Fixing clip	

## Dimensions (mm)

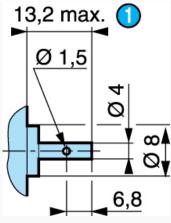
## Shaft 79 200 967



Nº	Legend
0	(pushed-in shaft )

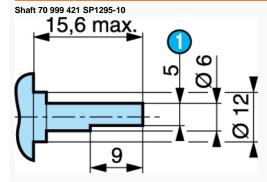
## Dimensions (mm

Shaft 79 200 779



Nº	Legend	
1	(pushed-in shaft )	

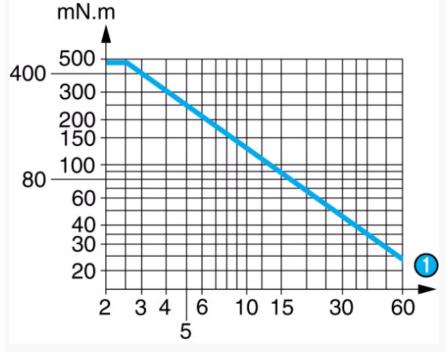
## Dimensions (mm)



Nº	Legend
0	Across flat

#### Curves

Graph of torque versus speed



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Nº	Legend
•	RPM

## **Product adaptations**



- Different voltages available
   Special cable lengths
   Special connectors
   Special output shafts
   Special gearbox ratios
   Special gear wheel material
   Special output bearings

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